

APPENDIX D

Policies Assessments

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Assessment Rationale

This appendix presents the results of the assessment of options being considered for the Local Plan, including preferred options and their reasonable alternatives. Table D-1 lists the options assessed in this appendix, including the preferred options and the reasonable alternatives. Reasonable alternatives were only available and identified for new policies or policies under review.

Table D-1: Preferred policy options and their reasonable alternatives

Local Plan Policy Ref.	Old Policy Ref.	Policy name / preferred option	Under review?	Reasonable alternatives
Strategic Policies				
Development Strategy				
SP1	P1	Delivering Sustainable Development	Yes	SP1RA1, SP1RA2
SP2	SC1	Spatial Priorities	Yes	SP2RA1
SP3	SC4	Hierarchy of Settlements	Yes	SP3RA1
SP4	SC5	Location of Development	Yes	SP4RA1, SP4RA2, SP4RA3, SP4RA4
SP5	SC7	Green Belt	Yes	SP5RA1, SP5RA2
Planning for Prosperity				
SP6	EC1, EC2 & EC4	Economic Growth	New policy	SP6RA1
SP7	TR1 & TR3	Planning for Sustainable Transport	New policy	SP7RA1
Planning for Homes				
SP8	HO1, HO2, HO4, HO3, HO6 & HO7	Housing Growth	New policy	SP8RA1, SP8RA2, SP8RA3, SP8RA4, SP8RA5, SP8RA6, SP8RA7, SP8RA8
Planning for Places and Communities				
SP9	SC2	Climate Change, Environmental Sustainability and Resource Use	Yes	SP9RA1, SP9RA2, SP9RA3
SP10	SC6	Green Infrastructure	Yes	SP10RA1, SP10RA2, SP10RA3
SP11	SC8	Protecting the South Pennine Moors and their Zone of Influence	Yes	SP11RA1
SP12	-	Strategic Planning for Minerals	New policy	SP12RA1
SP13	Waste Management DPD	Waste Management Infrastructure	New policy	SP13RA1
SP14	SC9	Making Great Places	Yes	SP14RA1, SP14RA2
SP15	SC10	Creating Healthy Places	Yes	SP15RA1, SP15RA2, SP15RA3
SP16	SC3	Working together to make Great Places	Yes	SP16RA1
Thematic Policies				
Planning for Prosperity				
EC1	-	Employment Land Delivery and Strategic Sites	New policy	EC1RA1, EC1RA2
EC2	-	Enterprise, Business and Employment Zones	New policy	EC2RA1, EC2RA2, EC2RA3
EC3	EC2 & EC3	Employment and Skills Delivery	Yes	EC3RA1, EC3RA2, EC3RA3

Local Plan Policy Ref.	Old Policy Ref.	Policy name / preferred option	Under review?	Reasonable alternatives
EC4	EC5	City, Town, District and Local Centres	Yes	EC4RA1, EC4RA2, EC4RA3, EC4RA4
TR1	TR7	Strategic Transport Delivery	Yes	TR1RA1, TR1RA2, TR1RA3
TR2	TR3 & TR7	Transport and Environment	Yes	TR2RA1
TR3	-	Transport and Development	New policy	TR3RA1
TR4	TR4	Transport and Tourism	No	No - it is proposed to carry forward the policy in its current form from the adopted Core Strategy
TR5	TR2	Parking	Yes	TR5RA1
TR6	TR6	Freight Priorities	Yes	TR6RA1
TR8	TR8	Aircraft Safety	Yes	TR7RA1
Planning for Homes				
HO1	HO4	Housing Delivery and Strategic Sites	Yes	HO1RA1, HO1RA2
HO2	HO5	Housing Density	Yes	HO2RA1, HO2RA2, HO2RA3
HO3	-	Urban Housing	New policy	HO3RA1, HO3RA2
HO4	HO8	Housing Mix	Yes	HO4RA1, HO4RA2
HO5	HO11	Affordable Housing	Yes	HO5RA1, HO5RA2, HO5RA3
HO6	-	Custom and Self-Build Housing	New policy	HO6RA1
HO7	-	Specialist Housing and Accommodation	New policy	HO7RA1, HO7RA2
HO8	HO12	Sites for Gypsies, Travellers and Travelling Showpeople	Yes	HO8RA1, HO8RA2
HO9	HO9	Housing Standards	Yes	HO9RA1, HO9RA2
HO10	HO10	Overcrowding and Vacant Homes	No	HO10RA1, HO10RA2
Planning for Places and Communities				
EN1	-	Green Infrastructure Standards	New policy	EN1RA1, EN1RA2, EN1RA3
EN2	EN2	Biodiversity and Geodiversity	Yes	EN2RA1, EN2RA2
EN3	EN5	Trees and woodlands	Yes	EN3RA1
EN4	EN3	Historic Environment	No	No - the policy is considered comprehensive in scale
EN5	EN4	Landscape	No	No - the policy is succinct and grounded in the evidence base and SPD work
EN6	-	Countryside and Development	New policy	EN6RA1, EN6RA2
EN7	EN7	Flood Risk	Yes	No - the policy is strengthened relating to Surface Water run-off, SuDS and Natural Flood Management. The policy has been updated to reflect new SFRA and other flood risk management strategies. However, with a number of new river models being prepared by the Environment Agency, the SFRA will require a further update and consequentially the policy may require further changes.
EN8	-	Air Quality	New policy	EN8RA1, EN8RA2, EN8RA3
EN9	EN8	Environmental Protection	Yes	EN9RA1, EN9RA2

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Local Plan Policy Ref.	Old Policy Ref.	Policy name / preferred option	Under review?	Reasonable alternatives
EN10	EN6	Energy	Yes	EN10RA1, EN10RA2, EN10RA3, EN10RA4
EN11	EN10 (A-D) & EN11 (A-C)	Mineral Supply and Landbanks	Yes	No - the policy approach has not been amended
EN12	EN12	Mineral Allocations	New policy	EN12RA1
EN13	EN13	Mineral Safeguarding	Yes	No - it is not proposed to amend the policy approach. It remains broadly in line with national policy.
EN14	-	Mineral Areas of Search	New policy	EN14RA1
EN15	EN13	Managing Development and Operation of Mineral Sites	Yes	EN15RA1
EN16	-	Mineral Site Restoration and Aftercare	New policy	No - National policy requires Mineral Planning Authorities set out a planning policy framework to support the reclamation of mineral workings at the earliest opportunity, and deliver high quality restoration and aftercare of sites
EN17	EN11 (C&D)	Energy Minerals	Yes	EN17RA1, EN17RA2
EN18	-	Waste Management Development	New policy	EN18RA1
EN19	-	Waste Management Allocations	New policy	EN19RA1
EN20	Waste Management DPD	Safeguarding Waste Management Facilities	Yes	No - the policy has not been amended
EN21	Waste Management DPD	Sustainable Waste Management in Development	Yes	No - the policy has not been amended
CO1	EN1	Protection and improvements in provision of Open Space and Recreation Facilities	Yes	CO1RA1
CO2	-	Community Facilities	New policy	CO2RA1, CO2RA2
CO3	-	Health Impact Assessments	New policy	CO3RA1, CO3RA2, CO3RA3
DS1	DS1	Achieving Good Design	Yes	DS1RA1, DS1RA2
DS2	DS2	Working with the Landscape	Yes	DS2RA1, DS2RA2
DS3	DS3	Urban Character	Yes	DS3RA1, DS3RA2
DS4	DS4	Streets and Movement	Yes	DS4RA1, DS4RA2
DS5	DS5	Safe and Inclusive Places	Yes	DS5RA1, DS5RA2
Implementation, Delivery and Monitoring				
ID1	ID3	Infrastructure Delivery	Yes	ID1RA1, ID1RA2
ID2	ID2	Developer Contributions	Yes	No - the policy has been subject to a minor factual update to the reflect the adopted of the Community Infrastructure Levy (CIL) charging schedule in July 2017
ID3	ID5 & ID8	Viability	Yes	No - the policy seeks to ensure consistency with national planning policy

The assessment is a prediction and evaluation of the likely effects of policies and options against each SA Objective of the SA Framework. The SA Framework provides indicators for each SA

Objective that help to guide the decision-making over whether options would make a negative or positive contribution towards each SA Objective. Effects are considered across the entire framework, so as to seek to reduce repetition.

Table D-2 details the rationale behind the assessment. In line with requirements of the SEA Regulations, the following characteristics of effects are predicted and evaluated:

- Probability;
- Duration, including short-, medium- and long-term effects;
- Frequency
- Reversibility;
- Cumulative and synergistic nature;
- Transboundary nature;
- Secondary nature;
- Permanent or temporary nature; and
- Positive or negative nature.

Table D-2: Rationale behind the appraisals of policies and options

Characteristic	Rationale
Format	<p>The appraisals are presented in tables (see Table D-1). Where appropriate, options and policies are grouped together in the same assessment table. The rationale for this is as follows:</p> <ul style="list-style-type: none"> • Policies are grouped together in the Local Plan; • Policies under the same theme in the Plan, such as ‘Transport’ policies, are likely to result in similar effects on a number of indicators. Grouping the appraisals together facilitates less repetition of text, saving space and reducing the need for a paperchase for readers; • Grouping appraisals together facilitates a more holistic appreciation of the likely cumulative effects of the Plan and the overall impact of all policies in-combination. Policies in the Plan are not going to be adopted in isolation; and • Grouping policies and options together facilitates a comparison of the likely impacts of options vs their reasonable alternatives. <p>The assessment text for SA Objectives 9 and 10, on air quality and transport, and the assessment text for SA Objectives 11, 12 and 13 on accessibility of services, community cohesion and culture/recreation, have also been grouped together. This is because the indicators used in the assessment for the grouped together SA Objectives are largely similar and grouping them together in this way saves space and avoids unnecessary repetition. Whilst the summary of effects text is grouped together, separate scores and characteristics of effects are provided for all SA Objectives. An appraisal is provided for every single option and alternative against every SA Objective. The predicted effects are evaluated for their probability, geographical extent, reversibility, permanence, magnitude and significance.</p> <p>The assessment text is intended to be comprehensive, robust and to satisfy the technical requirements of SA and SEA whilst also being accessible for the general public and avoiding unwieldy and excessively long tables or appendices. For this purpose, the writing style of assessment text adopts a slightly shorthand approach.</p> <p>The following symbol is used during the appraisal text: ‘→’. This is predominantly intended to mean ‘would lead to’.</p> <p>For example, an impact of a policy on GHG emissions might usually read:</p> <p><i>“Policy SP7 would be likely to enhance public transport options for people in Bradford. This would be likely to lead to a reduction in GHG emissions from the transport sector.”</i></p> <p>For such an impact, the shorthand style of assessment text would read:</p>

Characteristic	Rationale
	<p><i>“SP7 → enhanced public transport → reduction in GHG emissions from transport”.</i></p>
Probability	<p>There is an inherent degree of uncertainty in appraisals carried out in SA. Should it be adopted, the Local Plan would likely be in force for several years, over which time could potentially arise unforeseen circumstances as baseline data unexpectedly changes.</p> <p>For example, any given community facility in Bradford could potentially close down or move within a period of months, and thus an assessment which considers that a Local Plan policy would provide new residents with good access to this facility pre-development, may not do so by the time construction begins. These circumstances are impossible to predict. The planning system is generally robust enough to deal with such changes by re-assessing the needs of sites/communities at the time applications are made.</p> <p>Uncertainties are dealt with in SA by adopting a precautionary approach, wherein the worst-case scenario is assumed unless reliable evidence suggests otherwise.</p> <p>Assessment tables include a column indicating whether there is considered to be a Low, Medium or High probability of the effect taking place.</p> <p>Where the recorded effect is ‘uncertain’, the probability is recorded as ‘Low’.</p> <p>Where the recorded effect is ‘neutral/negligible’, the probability is recorded as ‘High’. This is because a precautionary approach is adopted and, as such, unless there is a high probability of the effect being neutral/negligible then the worst-case scenario is assumed.</p> <p>Probability is an evaluative judgment of the SEA/SA experts carrying out the appraisals.</p>
Duration and short-, medium- and long-term effects	<p>Assessment tables include a column indicating whether the effects are considered to be Short-, Medium- or Long-term.</p> <ul style="list-style-type: none"> • Short-term effects reside for 0-10 years after Plan adoption; • Medium-term effects reside for 10-20 years after Plan adoption; and • Long-term effects last beyond the Plan period. <p>Effects can be multiple terms, such as arising in the short-term and residing in the long-term. In the assessment tables, the longest term is used to indicate the duration i.e. the assessment indicates the duration of the effect but not necessarily when it will initially arise.</p>
Reversibility	<p>Assessment tables include a column indicating whether effects are considered to be reversible or irreversible. The intention is not to suggest whether or not the effect is going to be intentionally reversed, but rather to indicate if it is theoretically possible that the effect could be reversed.</p> <p>R = Reversible; and</p> <p>IR = Irreversible.</p> <p>The majority of effects caused by the Plan would typically be reversible.</p>
Permanent and temporary	<p>The assessment tables include a column to indicate whether the identified effects are considered to be permanent or temporary:</p> <p>T = temporary; and</p> <p>P = permanent.</p> <p>Should the Plan be adopted, it would only be in place for the Plan period and would subsequently be replaced by a new Plan. Many of the effects of policies in the proposed Plan are therefore typically temporary effects. However, it is possible for some effects to be permanent, such as if a policy were to result in new development on a greenfield site - that land will now always be previously developed land and any loss of soils from the site is considered to be permanent.</p>

Characteristic	Rationale
Positive & negative effects and significance	<p>The assessments identify and evaluate the sustainability effects of all policies in the Plan, including positive, negative and neutral effects. The range of predicted effects includes:</p> <ul style="list-style-type: none"> • Major positive - The proposal significantly contributes to the achievement of the SA Objective; • Minor positive - The option contributes partially to the achievement of the SA Objective; • Uncertain – It is not possible to determine the nature of the impact; • Neutral - Relationship between the option and the SA Objective is negligible; • Positive/negative – A combination of positive and negative contributions to the SA Objective; • Minor negative - The option partially detracts from the achievement of the SA Objective; • Major negative effects - The proposal significantly detracts from the achievement of the SA Objective. <p>For the purpose of the SEA Directive, effects noted as ‘major adverse’ or ‘major positive’ are considered to be ‘significant’. The SEA directive necessitates a focus on ‘significant’ effects. Determining whether an effect is significant or minor is an evaluative judgment based on expert opinion, best practice and industry standards. It is also guided by Annex II (2) of the SEA Directive, which states:</p> <ul style="list-style-type: none"> • <i>“The degree to which the plan or programme sets a framework for projects and other activities, either with regard to the location, nature, size and operating conditions or by allocating resources;</i> • <i>The degree to which the plan or programme influences other plans and programmes including those in a hierarchy;</i> • <i>The relevance of the plan or programme for the integration of environmental considerations in particular with a view to promoting sustainable development,</i> • <i>Environmental problems relevant to the plan or programme; and</i> <p><i>The relevance of the plan or programme for the implementation of Community legislation on the environment (e.g. plans and programmes linked to waste-management or water protection).”</i></p> <p>Minor effects (i.e. insignificant effects) are also identified. This is because identifying minor effects assists with the identification of cumulative and synergistic effects (e.g. several minor effects combined to have a significant effect), can help to identify opportunities for enhancements (e.g. enhancing a minor positive effects to make it significant) and also better enables the Council to make a more informed decision over the sustainability performance of options.</p> <p>A positive effect would typically be one where the Plan proposal would be likely to contribute towards the aims of the SA Objective, whereas an adverse effect would be one where the Plan proposal conflicts with the Objective. Typically, if a proposal would be expected to have a positive effect(s) to the same extent that it would have an adverse effect(s), a +/- score is awarded. However, if it is considered to be likely that the adverse effect(s) would be of a notably greater magnitude than the positive effect(s), then an adverse score is awarded in-line with the precautionary principle.</p> <p>Assessments carried out in SEA operate at a very high level and so the results for options and alternatives that are only slightly different to one another can appear very similar. It might be that one option would have an effect that is of a slightly greater magnitude than the effect of another option, but the effects of both options are both significant and so they would both receive the same score.</p> <p>The assessment tables include a column that displays an overall score for each policy against each SA Objective that indicates the overall effect, as follows:</p>

Characteristic	Rationale									
	Major negative	Minor negative	Neutral / negligible	Positive & negative	Uncertain	Minor positive	Major positive			
	--	-	0	+/-	?	+	++			
Frequency	All effects of the Plan are considered to occur once, unless indicated otherwise.									
Cumulative nature and synergistic effects	<p>This SA provides an appraisal of all policies in the Plan. These policies are not going to be adopted in isolation and so it is important to identify and evaluate the cumulative impacts of all policies in-combination. A cumulative effects appraisal has also been carried out for this purpose. Cumulative and synergistic effects are defined as follows:</p> <ul style="list-style-type: none"> Cumulative effects arise, for instance, where several developments each have insignificant effects but together have a significant effect, or where several individual effects have a combined effect; and Synergistic effects interact to produce a total effect greater than the sum of the individual effects, so that the nature of the final impact is different to the nature of the individual impacts. <p>The cumulative effects assessment in this report accounts for both cumulative and synergistic effects.</p>									
Transboundary nature	The assessment table includes a column to indicate the likely geographical extent of effects. In most cases this extent is 'Bradford District', however, where effects would be likely to be discernible in neighbouring authorities or at a scale greater than Bradford, this is specified.									
Secondary effects	<p>The assessment process inherently includes a consideration of secondary effects. The assessment text avoids specifically signposting whether the identified effect is primary or secondary.</p> <p>Secondary effects are defined as follows:</p> <p><i>Secondary effects are effects that are not a direct result but occur away from the original effect or as a result of a complex pathway.</i></p>									
Baseline trends	<p>For each SA Objective an analysis of the baseline data gathered during the SA Scoping has been carried out to determine the likely future baseline trends. This indicates whether the baseline is currently improving, declining or static with regards to moving towards the SA Objectives as per the following key.</p> <table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 33%;">Declining</td> <td style="width: 33%;">Static</td> <td style="width: 33%;">Improving</td> </tr> </table>							Declining	Static	Improving
Declining	Static	Improving								
Recommendations	<p>Alongside the assessment results recommendations are made. These are measures which, if adopted, would be likely to help avoid or minimise negative impacts or to enhance positive impacts. The SA seeks to make recommendations in all cases where negative impacts have been identified – where this is not feasible it is explained in the assessment boxes.</p> <p>It is considered that policies not under review are unlikely to be able to incorporate recommendations and as such recommendations have only been made for policies that are under review.</p>									

It is important to note that the assessment results in this appendix are the assessments of individual policies and so they do not factor in the likely mitigating impact of other policies proposed in the Local Plan. For example, policy HO1 establishes the housing requirement for the District. The assessment of HO1 predicted a range of potentially negative sustainability impacts associated with the construction and occupation of these homes, such negative impacts on the Biodiversity & Geodiversity SA Objective caused by new development on greenfield land, direct losses of habitats, reduced ecological connectivity and increase recreational pressure on green spaces. It is likely that these potential negative impacts would be mitigated to some extent by other policies proposed in the

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Local Plan, such as policies EN2: Biodiversity & Geodiversity which seek to protect and enhance the District's biodiversity. This is taken into consideration in detail in the cumulative effects assessment.

Table 5-6 of the Main Interim SA Report provides a summary of the policies proposed in the Local Plan that would be likely to help avoid or mitigate negative impacts, or to enhance positive impacts, identified for each SA Objective.

Assessment Results

Policy SP1: Presumption in Favour of Sustainable Development is under review. The policy sets out the Council’s intention to work proactively with applicants in order to find solutions that enhance the sustainability of development proposals. Proposals that conform with Plan-policies would be approved without delay, whilst proposals for which there are no relevant policies then the decision-maker will grant permission unless material considerations suggest otherwise, including when adverse impacts outweigh positive impacts when assessed against policies in the NPPF or when specific policies in the NPPF indicate that development should be restricted. The policy would be expected to help ensure that the Council supports the achievement of the three sustainable development objectives. It will support economic strength, meet the environmental objectives and support social aspects of sustainability. The Council will aim to maximise the benefits of new development while mitigating any adverse effects through an approach to site selection which applies a flood risk sequential approach; maximises use of previously developed land; prioritises sites assisting regeneration; minimises the use of green belt; and ensures the development will enable built and natural environment to be enhanced while minimising the adverse environmental impacts of growth.

SP1 reinforces the need for development to conform with these policies.

- **SP1 Reasonable Alternative 1 (SP1RA1):** Retain the policy as adopted in the Core Strategy. Likely to have similar impacts to SP1 but of lower magnitude and certainty.
- **SP1 Reasonable Alternative 2 (SP1RA2):** Remove the policy as the aspects are to come extent already covered by the NPPF and allow the spatial strategy and different policies which will contribute to the 3 objectives to speak for themselves. Could have a negative impact on the SA Objectives as some detail and complexity is lost.

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
1. Energy & GHGs		SP1	+	Bradford district	T/R	LT	M	SP1 & SP1RA1 → improvements to environmental conditions → encourages low-carbon development.
		SP1RA1	+	Bradford district	T/R	LT	L	
		SP1RA2	-	Bradford District	T/R	LT	L	
2. Waste		SP1	+	Bradford district	T/R	LT	M	SP1 & SP1RA1 → improvements to environmental conditions → encourages sustainable waste management such as higher rates of reuse/reduce/recycle.
		SP1RA1	+	Bradford district	T/R	LT	L	
		SP1RA2	-	Bradford District	T/R	LT	L	
3. Land & buildings		SP1	+	Bradford district	T/R	LT	M	SP1 & SP1RA1 → improvements to environmental conditions → encourages more efficient use of land and buildings. SP1RA1 similar impacts of lower magnitude and certainty.
		SP1RA1	+	Bradford district	T/R	LT	L	
		SP1RA2	-	Bradford District	T/R	LT	L	
4. Climate change resilience		SP1	+	Bradford district	T/R	LT	M	SP1 & SP1RA1 → improvements to environmental conditions → encourages greater resilience to climate change e.g reduced risk of flooding. SP1RA1 similar impacts of lower magnitude and certainty.
		SP1RA1	+	Bradford district	T/R	LT	L	
		SP1RA2	-	Bradford District	T/R	LT	L	
5. Water resources		SP1	+	Bradford district	T/R	LT	M	SP1 & SP1RA1 → improvements to environmental conditions → encourages more efficient consumption of water + reduce risk of contamination or pollution of waterbodies.
		SP1RA1	+	Bradford district	T/R	LT	L	
		SP1RA2	-	Bradford District	T/R	LT	L	
6. Biodiversity & geodiversity		SP1	+	Bradford district	T/R	LT	M	SP1 & SP1RA1 → improvements to environmental conditions → encourages development to lead to improvements to biodiversity & geodiversity.
		SP1RA1	+	Bradford district	T/R	LT	L	
		SP1RA2	-	Bradford District	T/R	LT	L	
		SP1	+	Bradford district	T/R	LT	M	

Appendix D – Policies Assessments

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
7. Landscape townscape		SP1RA1	+	Bradford district	T/R	LT	L	SP1 & SP1RA1 → improvements to environmental conditions → encourages development to protect & enhance character.
		SP1RA2	-	Bradford District	T/R	LT	L	
8. Cultural heritage		SP1	+	Bradford district	T/R	LT	M	SP1 & SP1RA1 → improvements to environmental conditions → encourages development to protect & enhance setting.
		SP1RA1	+	Bradford district	T/R	LT	L	
		SP1RA2	-	Bradford District	T/R	LT	L	
9. Air quality		SP1	+	Bradford district	T/R	LT	M	SP1 & SP1RA1 → improvements to environmental & social conditions → encourages development to ensure site-users have good access to walking, cycling and public-transport routes, improving air quality and reducing congestion.
		SP1RA1	+	Bradford district	T/R	LT	L	
		SP1RA2	-	Bradford District	T/R	LT	L	
10. Transport		SP1	+	Bradford district	T/R	LT	M	
		SP1RA1	+	Bradford district	T/R	LT	L	
		SP1RA2	-	Bradford District	T/R	LT	L	
11. Housing		SP1	+	Bradford district	T/R	LT	M	SP1 & SP1RA1 → development conforms with Local Plan policies → local development needs are met → housing needs in Bradford more likely to be met.
		SP1RA1	+	Bradford district	T/R	LT	L	
		SP1RA2	-	Bradford District	T/R	LT	L	
12. Accessible services		SP1	+	Bradford district	T/R	LT	M	SP1 & SP1RA1 → improvements to economic & social conditions → likely to help encourage development that provides site-users with good access to key services, existing communities and amenities, communal areas and cultural places.
		SP1RA1	+	Bradford district	T/R	LT	L	
		SP1RA2	-	Bradford District	T/R	LT	L	
13. Social Cohesion		SP1	+	Bradford district	T/R	LT	M	SP1 & SP1RA1 → help ensure local development needs are met → housing needs met → reduced poverty & deprivation.
		SP1RA1	+	Bradford district	T/R	LT	L	
		SP1RA2	-	Bradford District	T/R	LT	L	
14. Culture & leisure		SP1	+	Bradford district	T/R	LT	M	SP1 & SP1RA1 → improvements to environmental & social conditions → encourages the development and maintenance of green spaces for recreation
		SP1RA1	+	Bradford district	T/R	LT	L	
		SP1RA2	-	Bradford District	T/R	LT	L	
15. Safe & secure		SP1	+	Bradford district	T/R	LT	M	SP1 & SP1RA1 → improvements to environmental & social conditions → likely to encourage development that contributes towards safe and secure businesses, neighbourhoods and homes.
		SP1RA1	+	Bradford district	T/R	LT	L	
		SP1RA2	-	Bradford District	T/R	LT	L	
16. Health		SP1	+	Bradford district	T/R	LT	M	SP1 & SP1RA1 → improvements to environmental, economic & social conditions → likely to help encourage development that provides site-users with access to key health services & semi-natural habitats.
		SP1RA1	+	Bradford district	T/R	LT	L	
		SP1RA2	-	Bradford District	T/R	LT	L	SP1 & SP1RA1 → help ensure local development needs are met → housing needs met → reduced poverty & deprivation.
17. Education		SP1	+	Bradford district	T/R	LT	M	SP1 & SP1RA1 → improvements to environmental, economic & social conditions → likely to help encourage development that provides site-users with access to education facilities.
		SP1RA1	+	Bradford district	T/R	LT	L	
		SP1RA2	-	Bradford District	T/R	LT	L	SP1 & SP1RA1 → development conforms with Local Plan policies → local development needs are met → employment needs met → improved on-the-job skills learning opportunities.
18. Employment		SP1	+	Bradford district	T/R	LT	M	SP1 & SP1RA1 → development conforms with Local Plan policies → local development needs are met → employment needs met.
		SP1RA1	+	Bradford district	T/R	LT	L	
		SP1RA2	-	Bradford District	T/R	LT	L	
19. Economy		SP1	+	Bradford district	T/R	LT	M	SP1 & SP1RA1 → improvements to environmental, economic & social conditions → development likely to enhance local economy overall.
		SP1RA1	+	Bradford district	T/R	LT	L	
		SP1RA2	-	Bradford District	T/R	LT	L	

Summary of, and assumptions in the assessment of, Strategic Policies (SP2 - SP5) Development Strategy

Policy SP2: Spatial Priorities is under review. The preferred option makes reference to the updated plan period, provides a consistent approach to regeneration areas and includes reference to health and health inequalities. The reviewed policy would seek to ensure that development in Bradford is managed in order that the needs of the District to 2038 can be met and that this development contributes to a transformation of the local economic, environment, physical and social conditions of the District; enhances Bradford's role within the wider Leeds City Region as an important business location; optimises opportunities provided by the Leeds Bradford International Airport; enhances and supports the roles of Principal Towns, Local Growth Centres and Local Service Centres; protects and enhances natural and built environmental assets; ensures a move towards a green economy and resilient low carbon future, and building resilience to environmental threats; avoids increasing flood risk; encourages the shift towards sustainable and active forms of movement; contribute to inclusive built and natural environments that protect and enhance local character and settings; and ensures the contribution to the creation of healthy places, improving health and wellbeing. Integrating these principles and priorities into the heart of the Council's decision making would be expected to make a significant contribution towards the environmental, economic and social sustainability of future development in Bradford.

- **SP2 Reasonable Alternative 1 (SP2RA1):** Update the policy but consider a less extensive range of changes. Does not deliver a comprehensive strategic approach. This alternative would be likely to have largely similar impacts as the preferred option but with less probability due to the lack of detail on the scope and scale of changes.

Policy SP3: Hierarchy of Settlement is under review. The policy establishes a hierarchy of settlements in the District by identifying Local Service Centres and Rural Areas, Local Growth Centres, Principal Towns and the Regional City. At each level of this hierarchy the policy establishes key priorities for future development in order to satisfy local needs and maximise on opportunities related to housing, employment, economic development and diversification, education, public transport, community, health, culture and the natural environment. The hierarchical approach to settlements is designed to help ensure that development can be directed towards the most sustainable locations. The approach proposed in SP3 would be expected to help ensure that the economic, social and environmental opportunities that new development can bring are effectively delivered and that development needs can be identified and met at a settlement by settlement basis.

- **SP3 Reasonable Alternative 1 (SP3RA1):** A more limited range of changes, which so not align fully to the changing context of which the policy is drafted. Magnitude and probability of impacts is likely to be lower than the preferred option due to the limited scope.

Policy SP4: Location of Development is under review. The preferred option includes changes to Green Belt site prioritisation and a reordered movement hierarchy. The policy would seek to establish priorities for new locations of development. The first priority is the efficient and effective re-use of deliverable and developable previously developed land and buildings (that is not of high environmental value). The second priority is to sustainable greenfield land within settlements. The third priority is limited release of Green Belt land. When identifying or comparing sites, the Council will priorities opportunities that make the best use of existing transport infrastructure and capacity, maximises accessibility by walking, cycling, and creating green corridors, supports the use of public transport meeting minimum accessibility standards, considers capacity constraints and deliverable improvements, and maximises the use of rail and water for freight movements. Priorities for new sites set out in the preferred option would be expected to make a major contribution towards a sustainable approach to land-use in Bradford. Benefits to natural environment topics such as landscape and biodiversity would also be likely due to the focus on brownfield land and existing settlements. The focus on accessibility and public transport would also have a range of benefits, including reducing the carbon footprint and pollution of transport and enhancing active movement options for local people.

- **SP4 Reasonable Alternative 1 (SP4RA1):** Do not review policy – policy would remain unchanged from the adopted Core Strategy policy. The movement hierarchy would remain unchanged and so accessibility of the strategic road network would be afforded a greater priority than access via walking and cycling as well as access to public transport. The third priority for site allocations would also remain as 'local Green Belt releases to the built-up areas of settlements in sustainable locations' as opposed to the preferred option, for which the third priority is 'limited release of Green Belt'. SP4RA1 could therefore encourage more development on Green Belt.

- **SP4 Reasonable Alternative 2 (SP4RA2):** Undertake more limited changes to the policy and retain current Green Belt prioritisation - this may limit the opportunities for larger urban extensions to deliver ahead of smaller 'local' Green Belt development opportunities. This alternative could result in the release of more Green Belt land than the preferred option. The movement hierarchy would be the same as the preferred option, and so walking, cycling and public transport accessibility would be afforded a higher priority than access to the strategic road network.
- **SP4 Reasonable Alternative 3 (SP4RA3):** Undertake more limited changes to the policy and delete Green Belt prioritisation element but retain movement hierarchy as drafted in adopted Core Strategy policy – does not align fully with updated transport and other policies, focused upon carbon reduction and air quality improvements. This alternative would not afford Green Belt land the same priority as the preferred option. However, the movement hierarchy would remain unchanged and so access to the strategic road network would be afforded greater priority than access via walking, cycling and public transport.
- **SP4 Reasonable Alternative 4 (SP4RA4):** Variations on limited changes. Impacts of this alternative are uncertain as it depends on the exact detail of the changes.
- **SP4 Reasonable Alternative 5 (SP4RA5):** Delete the individual policy and integrate with other policies. The preferred option sets out a clear sequential framework for development which can be read across the Local Plan. If the policy was removed it would have no impacts.

Policy SP5 Green Belt and Safeguarded Land is under review. The Council's preferred option provides a strategic overview on key changes that will be made to the Green Belt in order to deliver the requirements for housing and employment land over the plan period. The policy would be expected to help facilitate future residential and employment development on Green Belt land. This would help to ensure that Bradford's housing and employment needs can be met but it also poses a risk to the character, setting and biodiversity value of Green Belt land, though the policy does require the impact of removing land from the Green Belt to be offset through enhancement of the remaining Green Belt land.

- **SP5 Reasonable Alternative 1 (SP5RA1):** Exclude sites from the policy listing and refer to the plan sections. This would provide less clarity to the location of the changes to the Green Belt and related sites and would result in a greater degree of uncertainty.
- **SP5 Reasonable Alternative 2 (SP5RA2):** Include a section on safeguarded land. The evidence is not sufficiently developed to support inclusion at this stage, but it could provide more certainty regarding longer-term development needs.

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
1. Energy & GHGs		SP2	+/-	Wider Leeds Region	P/I	LT	M	SP2 & SP2RA1 → support residential and employment development → increase in associated GHGs.
		SP2RA1	+/-	Wider Leeds Region	P/I	LT	L	
		SP3	+	Bradford District	T/R	LT	M	SP2 & SP2RA1 → encourage the shift towards sustainable movement + renewable energy → reduction in associated GHGs. SP2RA1 could result in impacts of slightly lower magnitude due to more limited scope.
		SP4	+	Bradford District	T/R	LT	M	
		SP4RA1	-	Bradford District	T/R	LT	M	
		SP4RA2	+	Bradford District	T/R	LT	M	
		SP4RA3	-	Bradford District	T/R	LT	M	SP3 → enhancements in sustainable transport modes → reduction in associated GHGs.
		SP4RA4	?	Bradford District	T/R	LT	M	
SP4RA5	O	n/a	n/a	n/a	H			
								SP4, SP4RA2, SP4RA4 → greater priority afforded to active and public transport accessibility of developments than strategic road network → reduction in associated GHG emissions. SP4RA4 would be of lower magnitude.

Appendix D – Policies Assessments

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement	
		SP5	-	Bradford District	T/R	LT	M	<p>SP4RA1 and SP4RA3 → greater priority afforded to strategic road network accessibility of developments than public and active transport options → site-users likely to have higher rate of car usage → new GHG emissions.</p> <p>SP4RA5 → no policy → no impacts</p> <p>SP5 and its alternatives → development in Green Belt → loss of greenfield land (carbon sink) + residents likely to need to travel longer distances e.g. to access services or employment. No discernible differences between SP5 or its alternatives for this SA Objective.</p> <p>Recommendations: None</p>	
		SP5RA1	-	Bradford District	T/R	LT	L		
		SP5RA2	-	Bradford District	T/R	LT	M		
2. Waste		SP2	-	Wider Leeds Region	T/R	LT	M	<p>SP2 & SP2RA1 → support residential and employment development → increase in associated waste.</p> <p>SP3, SP5 & its alternatives → no discernible impacts</p> <p>SP4, SP4RA1, SP4RA2, SP4RA3 & SPRA4 → first priority for new sites is PDL → reduction in associated waste.</p> <p>SP4RA5 → no policy → no impacts</p> <p>SP4RA1 & SP4RA2 → potential for greater Green Belt land release than SP4 & SP4RA2</p> <p>Recommendations: SP2 could seek to incorporate waste and achieving high rates of recycling as a priority for new development.</p>	
		SP2RA1	-	Wider Leeds Region	T/R	LT	L		
		SP3	○	n/a	n/a	n/a	n/a		H
		SP4	+	Bradford District	T/R	LT	M		
		SP4RA1	+	Bradford District	T/R	LT	M		
		SP4RA2	+	Bradford District	T/R	LT	M		
		SP4RA3	+	Bradford District	T/R	LT	M		
		SP4RA4	?	Bradford District	T/R	LT	M		
		SP4RA5	○	n/a	n/a	n/a	n/a		H
		SP5	○	n/a	n/a	n/a	n/a		H
SP5RA1	○	n/a	n/a	n/a	n/a	H			
SP5RA2	○	n/a	n/a	n/a	n/a	H			
3. Land & buildings		SP2	+/-	Wider Leeds Region	T/R	LT	M	<p>SP2 & SP2RA1 → support residential and employment development → new development on greenfield. However, there is also a focus on development of PDL.</p> <p>SP3 → no discernible impacts</p> <p>SP4 → second and third priority to the development on greenfield and limited Green Belt land → inherent acceptance of some degree of development on greenfield.</p> <p>SP4, SP4RA1, SP4AR2, SP4RA3 → prioritise the reuse of previously developed land and buildings.</p> <p>SP4RA1 and SP4RA2 → more Green Belt release than SP4RA3 and SP4 → likely loss of more greenfield.</p> <p>SP4RA5 → no policy → no impacts</p> <p>SP5 & its alternatives → development in Green Belt → likely to require development on greenfield land. SP5RA2 → safeguarded land for future development → uncertain if this could result in more development in the Green Belt than SC7 or if development in the Green Belt would be more controlled.</p> <p>Recommendations: SP2 could seek to all ensure that the District's most ecologically and agriculturally valuable soils are prevented from being lost or irreversibly altered due to development. SP5 could seek to ensure that new development in the Green Belt avoids the loss of, or irreversible harm to, BMV soils.</p>	
		SP2RA1	+/-	Wider Leeds Region	T/R	LT	L		
		SP3	○	Bradford District	n/a	n/a	n/a		H
		SP4	+/-	Bradford District	T/R	LT	L		
		SP4RA1	+/-	Bradford District	T/R	LT	L		
		SP4RA2	+/-	Bradford District	T/R	LT	L		
		SP4RA3	+/-	Bradford District	T/R	LT	L		
		SP4RA4	?	Bradford District	T/R	LT	M		
		SP4RA5	○	n/a	n/a	n/a	n/a		H
		SP5	-	Bradford District	T/R	LT	M		
SP5RA1	-	Bradford District	T/R	LT	L				
		SP2	++	Wider Leeds Region	T/R	LT	M		

Appendix D – Policies Assessments

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
vulnerability		SP2RA1	++	Wider Leeds Region	T/R	LT	L	SP2 & SP2RA1 → avoid increasing flood risk + manage land and river catchments for flood risk + increase tree cover → reduction in flood risk. SP3 → create new green areas, networks and corridors → increase interception and storage of rainwater → reduce flood risk. SP4, SP4RA1, SP4RA2, SP4RA3 & SP4RA4 → prioritise development on PDL, however permit development on greenfield and/or Green Belt land → potential loss of vegetation and permeable surfaces → increase in overland flow. SP4RA5 → no policy → no impacts SP5 & its alternatives → development in the Green Belt → likely to involve development on greenfield → potential for negative impacts on surface run-off due to new hard standing & loss of GI & permeable soils. Recommendations: <i>SP5 could seek to ensure that upslope Green Belt land is not developed on.</i>
		SP3	+	Bradford District	T/R	LT	M	
		SP4	+/-	Bradford District	P/I	LT	M	
		SP4RA1	+/-	Bradford District	P/I	LT	M	
		SP4RA2	+/-	Bradford District	P/I	LT	M	
		SP4RA3	+/-	Bradford District	P/I	LT	M	
		SP4RA4	?	Bradford District	T/R	LT	M	
		SP4RA5	O	n/a	n/a	n/a	H	
		SP5	-	Bradford District	T/R	LT	M	
		SP5RA1	-	Bradford District	T/R	LT	L	
5. Water resources		SP2	-	Wider Leeds Region	T/R	LT	M	SP2 & SP2RA1 → support & encourage new residential development → increase in water consumption. SP4, SP4RA1, SP4RA2, SP4RA3 & SP4RA4 → priority is for PDL but still facilitate some degree of development on greenfield → potential risk to quality of nearby waterbodies. SP4RA5 → no policy → no impacts SP3 → no discernible impacts. SP5 & its alternatives → development in the Green Belt → loss of greenfield & GI + development in proximity to natural waterbodies → potential for negative impacts on water quality caused by construction & new hard-standing. Recommendations: <i>SP2 could seek to ensure that new development is resource-efficient, including water use.</i>
		SP2RA1	-	Wider Leeds Region	T/R	LT	L	
		SP3	O	Bradford District	n/a	n/a	H	
		SP4	+/-	Bradford District	T/R	LT	L	
		SP4RA1	+/-	Bradford District	T/R	LT	L	
		SP4RA2	+/-	Bradford District	T/R	LT	L	
		SP4RA3	+/-	Bradford District	T/R	LT	L	
		SP4RA4	?	Bradford District	T/R	LT	M	
		SP4RA5	O	n/a	n/a	n/a	H	
		SP5	-	Bradford District	T/R	LT	M	
6. Biodiversity & geodiversity		SP2	++	Wider Leeds Region	T/R	LT	M	SP2 & SP2RA1 → protect and enhance environmental resources, such as the South Pennine Moors + manage land and river catchments for biodiversity enhancement + increase tree cover → maintain, protect and enhance natural habitats. SP3 → seek to create new and improved existing green areas, corridors and networks → create new habitats and ecological corridors → enhance biodiversity. SP4, SP4RA1, SP4RA2, SP4RA3 & SP4RA4 → prioritise PDL sites but would permit development on greenfield and/or Green Belt land → potential loss of habitat, reduction in ecological connectivity + more cars causing greater wildlife disturbance. Alternatives may have a more negative impact. SP4RA5 → no policy → no impacts SP5 & its alternatives → development in the Green Belt → likely to involve development on greenfield → potential for negative impacts on biodiversity value of sites & local ecological connectivity.
		SP2RA1	++	Wider Leeds Region	T/R	LT	L	
		SP3	++	Bradford District	T/R	LT	M	
		SP4	+/-	Bradford District	T/R	LT	L	
		SP4RA1	+/-	Bradford District	T/R	LT	L	
		SP4RA2	+/-	Bradford District	T/R	LT	L	
		SP4RA3	+/-	Bradford District	T/R	LT	L	
		SP4RA4	?	Bradford District	T/R	LT	M	
		SP4RA5	O	n/a	n/a	n/a	H	
		SP5	-	Bradford District	T/R	LT	M	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
								Recommendations: SP5 could focus more strictly on its support of developments that enhance GI and biodiversity and the requirement to offset impacts.
		SP5RA1	-	Bradford District	T/R	LT	L	
		SP5RA2	-	Bradford District	T/R	LT	M	
7. Landscape & townscape		SP2	++	Wider Leeds Region	T/R	LT	M	SP2 & SP2RA1 → ensure developments are of high quality and well-designed + protect and enhance local setting and heritage → reinforce/ create a sense of local character and distinctiveness → create a high-quality townscape.
		SP2RA1	++	Wider Leeds Region	T/R	LT	L	
		SP3	++	Bradford District	T/R	LT	M	SP4 → seek to develop a strong sense of place and distinct identity + seek to develop a high-quality public realm with well-designed buildings + create new and improved existing green areas, corridors and networks → enhance townscape and landscape.
		SP4	+/-	Bradford District	P/I	LT	L	
		SP4RA1	+/-	Bradford District	P/I	LT	L	
		SP4RA2	+/-	Bradford District	P/I	LT	L	
		SP4RA3	+/-	Bradford District	P/I	LT	L	SP4, SP4RA1, SP4RA2, SP4RA3 & SP4RA4 → prioritise the reuse and development of previously developed land and buildings → potential to regenerate PDL → potential to enhance townscape.
		SP4RA4	?	Bradford District	T/R	LT	M	
		SP4RA5	O	n/a	n/a	n/a	H	
		SP5	-	Bradford District	T/R	LT	M	SP4, SP4RA1, SP4RA2, SP4RA3 & SP4RA4 → permit development on greenfield and/or Green Belt land → potential risk of impacts on natural landscape character. SP4 & SP4RA3 would result in fewer Green Belt sites being developed on than SP4RA1 & SP4RA2. SP4RA5 → no policy → no impacts
		SP5RA1	-	Bradford District	T/R	LT	L	
		SP5RA2	-	Bradford District	T/R	LT	M	SP5 & its alternatives → development in the Green Belt → likely to involve development on greenfield & open spaces → potential for negative impacts on distinct natural landscapes. Recommendations: SP5 could seek to incorporate particularly stringent controls over the provision of GI and open space in proposals for development on Green Belt land in order to preserve character and setting.
8. Cultural heritage		SP2	++	Bradford District	T/R	LT	L	SP2 & SP2RA1 → ensure developments are of high quality and well-designed + protect and enhance local setting and heritage → reinforce/ create a sense of local character and distinctiveness
		SP2RA1	++	Wider Leeds Region	T/R	LT	L	
		SP3	++	Bradford District	T/R	LT	M	SP4 → seek to develop a strong sense of place and distinct identity + seek to develop a high-quality public realm with well-designed buildings + create new and improved existing green areas, corridors and networks → could also change the character of areas.
		SP4	+/-	Bradford District	P/I	LT	L	
		SP4RA1	+/-	Bradford District	P/I	LT	L	
		SP4RA2	+/-	Bradford District	P/I	LT	L	
		SP4RA3	+/-	Bradford District	P/I	LT	L	SP4, SP4RA1, SP4RA2, SP4RA3 & SP4RA4 → permit development on greenfield and/or Green Belt land → potential risk of impacts on setting of heritage assets/historic areas, particularly where open spaces are lost. SP4 & SP4RA3 would result in fewer Green Belt sites being developed on than SP4RA1 & SP4RA2.
		SP4RA4	?	Bradford District	T/R	LT	M	
		SP4RA5	O	n/a	n/a	n/a	H	
		SP5	-	Bradford District	T/R	LT	L	SP4RA5 → no policy → no impacts
		SP5RA1	-	Bradford District	T/R	LT	L	
		SP5RA2	-	Bradford District	T/R	LT	L	SP5 & its alternatives → development in the Green Belt → likely to involve development on greenfield & open spaces → potential for negative impacts on distinct natural landscapes, character of small rural settlements. There could potentially be some impacts on the setting of nearby heritage assets and historic areas.

Appendix D – Policies Assessments

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
9. Air quality		SP2	-	Bradford District	T/R	LT	L	<p>Recommendations: SP5 could seek to incorporate particularly stringent controls over the provision of GI and open space in proposals for development on Green Belt land in order to preserve character and setting. SP4 could ensure that any greenfield release within settlements does not adversely affect local character.</p> <p>SP2, SP2RA1 → support renewable energy generation & energy efficiency → reduction in air pollution associated with energy generation & consumption.</p> <p>SP2 & SP3 → enhanced sustainability of patterns of development and transport → increased uptake of sustainable transport options → reduction in air pollution associated with transport.</p> <p>SP2 & SP2RA1 → support residential and employment development → increase in associated air pollution.</p> <p>SP4 → more active & public transport uptake + reduced congestion → improved air quality. SP4RA4 has more limited changes so likely impacts of lower magnitude and certainty.</p> <p>SP4RA1 and SP4RA3 → would seek to maximise walking and cycling and public transport access to developments → support and encourage sustainable transport options → reduce congestion + air pollution.</p> <p>SP4RA5 → no policy → no impacts</p> <p>SP5 & its alternatives → development in Green Belt → potential loss of greenfield land & GI → reduction in their air quality improving ecosystem service.</p> <p>SP5 & its alternatives → development in Green Belt → potential for new homes to be in more rural locations that require longer distances to travel to access key services & amenities + in locations where access to public transport modes is more limited</p> <p>Recommendations: SP5 could seek to prioritise Green Belt sites that have good walking and cycling access.</p>
		SP2RA1	+/-	Wider Leeds Region	T/R	LT	L	
		SP3	++	Bradford District	T/R	LT	M	
		SP4	++	Bradford District	T/R	LT	M	
		SP4RA1	+	Bradford District	T/R	LT	M	
		SP4RA2	++	Bradford District	T/R	LT	M	
		SP4RA3	+	Bradford District	T/R	LT	M	
		SP4RA4	?	Bradford District	T/R	LT	M	
		SP4RA5	○	n/a	n/a	n/a	H	
		SP5	-	Bradford District	T/R	LT	M	
		SP5RA1	-	Bradford District	T/R	LT	L	
		SP5RA2	-	Bradford District	T/R	LT	M	
10. Transport		SP2	+/-	Wider Leeds Region	T/R	LT	M	<p>SP2 & SP3 → enhanced sustainability of patterns of development and transport → increased uptake of sustainable transport options → reduction in congestion</p> <p>SP2 & SP2RA1 → support residential and employment development → increase in associated congestion</p> <p>SP4 → more active & public transport uptake + reduced congestion. SP4RA4 has more limited changes so likely impacts of lower magnitude and certainty.</p> <p>SP4RA1 and SP4RA3 → would seek to maximise walking and cycling and public transport access to developments → support and encourage sustainable transport options → reduce congestion.</p> <p>SP4RA5 → no policy → no impacts</p> <p>SP5 & its alternatives → development in Green Belt → potential for new homes to be in more rural locations that require longer distances to travel to access key services & amenities + in locations where access to public transport modes is more limited</p> <p>Recommendations: SP5 could seek to prioritise Green Belt sites that have good walking and cycling access.</p>
		SP2RA1	+/-	Wider Leeds Region	T/R	LT	L	
		SP3	++	Bradford District	T/R	LT	M	
		SP4	++	Bradford District	T/R	LT	M	
		SP4RA1	+	Bradford District	T/R	LT	M	
		SP4RA2	++	Bradford District	T/R	LT	M	
		SP4RA3	+	Bradford District	T/R	LT	M	
		SP4RA4	?	Bradford District	T/R	LT	M	
		SP4RA5	○	n/a	n/a	n/a	H	
		SP5	-	Bradford District	T/R	LT	M	
		SP5RA1	-	Bradford District	T/R	LT	L	
		SP5RA2	-	Bradford District	T/R	LT	M	

Appendix D – Policies Assessments

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
11. Housing		SP2	++	Wider Leeds Region	T/R	LT	M	SP2 & SP2RA1 → manage the delivery of housing to meet the needs of the district + supply the associated services and community facilities. SP3 → seek to achieve a wide range of housing and services to meet the needs of communities. SP4, SP4RA1, SP4RA2, SP4RA3 & SP4RA4 → set out criteria for the prioritisation of development land allocation → ensure suitable land and location allocation for housing. SP4RA5 → no policy → no impacts SP5 & its alternatives → help to ensure that housing needs in Bradford can be met. Recommendations: None
		SP2RA1	++	Wider Leeds Region	T/R	LT	L	
		SP3	++	Bradford District	T/R	LT	M	
		SP4	+	Bradford District	T/R	LT	M	
		SP4RA1	+	Bradford District	T/R	LT	M	
		SP4RA2	+	Bradford District	T/R	LT	M	
		SP4RA3	+	Bradford District	T/R	LT	M	
		SP4RA4	?	Bradford District	T/R	LT	M	
		SP4RA5	○	n/a	n/a	n/a	H	
		SP5	++	Bradford District	T/R	LT	M	
SP5RA1	++	Bradford District	T/R	LT	L			
SP5RA2	++	Bradford District	T/R	LT	M			
12. Range of accessible services		SP2	++	Wider Leeds Region	T/R	LT	M	Each policy → support & enhance sustainable and active transport options → improved accessibility of facilities and services. SP2 & SP2RA1 → delivery of housing and community services and facilities + support local service centres → provision of a range of community services. SP3 → improve connectivity in the region between housing, employment and community facilities → ensures accessibility to community facilities and services. SP4RA5 → no policy → no impacts SP5 & its alternatives → development in Green Belt → potential for new homes to be situated relatively far from some key services, amenities, community facilities or employment areas. Recommendations: None.
		SP2RA1	++	Wider Leeds Region	T/R	LT	L	
		SP3	+	Bradford District	T/R	LT	M	
		SP4	+/-	Bradford District	P/I	LT	L	
		SP4RA1	+/-	Bradford District	P/I	LT	L	
		SP4RA2	+/-	Bradford District	P/I	LT	L	
		SP4RA3	+/-	Bradford District	P/I	LT	L	
		SP4RA4	?	Bradford District	T/R	LT	M	
		SP4RA5	○	n/a	n/a	n/a	H	
		SP5	-	Bradford District	T/R	LT	L	
SP5RA1	-	Bradford District	T/R	LT	L			
SP5RA2	-	Bradford District	T/R	LT	L			
13. Social Cohesion		SP2	++	Wider Leeds Region	T/R	LT	L	Each policy → support & enhance sustainable and active transport options → improved accessibility of communal spaces SP2 & SP2RA1 → delivery of housing and community services and facilities + support local service centres → improved social cohesion SP3 → improve connectivity in the region between housing, employment and community facilities → ensures accessibility to community facilities and services. SP3 → develop a strong sense of place and high-quality public realm SP4RA5 → no policy → no impacts SP5 & its alternatives → development in Green Belt → expected that new homes would still be within or adjacent to existing communities.
		SP2RA1	++	Wider Leeds Region	T/R	LT	L	
		SP3	++	Bradford District	T/R	LT	L	
		SP4	+/-	Bradford District	P/I	LT	L	
		SP4RA1	+/-	Bradford District	P/I	LT	L	
		SP4RA2	+/-	Bradford District	P/I	LT	L	
		SP4RA3	+/-	Bradford District	P/I	LT	L	
		SP4RA4	?	Bradford District	T/R	LT	M	
		SP4RA5	○	n/a	n/a	n/a	H	
		SP5	+	Bradford District	T/R	LT	M	
SP5RA1	+	Bradford District	T/R	LT	L			
SP5RA2	+	Bradford District	T/R	LT	M			

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
14. Culture & leisure		SP2	++	Wider Leeds Region	T/R	LT	M	<p>Recommendations: None.</p> <p>Each policy → support & enhance sustainable and active transport options → improved accessibility of cultural areas.</p> <p>SP2 & SP2RA1 → protect and enhance the District's environmental resources, such as South Pennine Moors → preserves the districts green/leisure spaces + encourage leisure activities and physical activity.</p> <p>SP3 → improve connectivity in the region between housing, employment and community facilities → ensures accessibility to culture and leisure facilities.</p> <p>SP3 → develop a strong sense of place and high-quality public realm + create and improve green area, networks and corridors in the district + provision of cultural activities → provision of cultural and leisure spaces → increase tourism.</p> <p>SP4, SP4RA1, SP4RA2, SP4RA3 & SP4RA4 → permit development on greenfield and/or Green Belt land → potential loss and/or disturbance of open spaces/leisure areas. SP4 & SP4RA3 would be expected to result in less Green Belt sites development on than SP4RA1 & SP4RA2.</p> <p>SP4RA5 → no policy → no impacts</p> <p>SP5 & its alternatives → development in Green Belt → potential for new homes to be situated relatively far from some key services, amenities, community facilities or employment areas.</p> <p>SP5 & its alternatives → development in Green Belt → expected that these new homes would still be within or adjacent to existing communities.</p> <p>Recommendations: None.</p>
		SP2RA1	++	Wider Leeds Region	T/R	LT	L	
		SP3	++	Bradford District	T/R	LT	M	
		SP4	+/-	Bradford District	P/I	LT	L	
		SP4RA1	+/-	Bradford District	P/I	LT	L	
		SP4RA2	+/-	Bradford District	P/I	LT	L	
		SP4RA3	+/-	Bradford District	P/I	LT	L	
		SP4RA4	?	Bradford District	T/R	LT	M	
		SP4RA5	○	n/a	n/a	n/a	H	
		SP5	-	Bradford District	T/R	LT	L	
		SP5RA1	-	Bradford District	T/R	LT	L	
		15. Safe & secure		SP2	++	Wider Leeds Region	T/R	
SP2RA1	++			Wider Leeds Region	T/R	LT	L	
SP3	++			Bradford District	T/R	LT	M	
SP4	○			n/a	n/a	n/a	H	
SP4RA1	○			n/a	n/a	n/a	H	
SP4RA2	○			n/a	n/a	n/a	H	
SP4RA3	○			n/a	n/a	n/a	H	
SP4RA4	○			n/a	n/a	n/a	H	
SP4RA5	○			n/a	n/a	n/a	H	
SP5	○			n/a	n/a	n/a	H	
SP5RA1	○			n/a	n/a	n/a	H	
SP5RA2	○			n/a	n/a	n/a	H	
16. Health		SP2	++	Wider Leeds Region	T/R	LT	M	<p>SP2 & SP2RA1 → ensure the local plan and development contributes to the delivery of better health and reduction in health inequalities.</p> <p>All policies → improvements to air quality → reduction in impacts of air pollution on health.</p>
		SP2RA1	++	Wider Leeds Region	T/R	LT	L	
		SP3	+	Bradford District	T/R	LT	M	
		SP4	+	Bradford District	T/R	LT	M	
		SP4RA1	+	Bradford District	T/R	LT	M	
		SP4RA2	+	Bradford District	T/R	LT	M	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		SP4RA3	+	Wider Leeds Region	T/R	LT	M	SP2 & SP3 → increased uptake in walking and cycling → encourages physical activity + reduce vehicle emissions → improve mental and physical well-being. SP4, SP4RA1, SP4RA2, SP4RA3 & SP4RA4 → sites accessible via walking and cycling → increase physical activity → improve mental and physical well-being. SP4 & SP4RA3 afford greater priority to walking & cycling → greater magnitude of positive effect than SP4RA1 & SP4RA2. All alternatives are less focused on this than SP4. SP4RA5 → no policy → no impacts SP5 & its alternatives → new residential development in Green Belt → residents here potentially have more limited access to health services & facilities but would be likely to have excellent access to the countryside and a diverse range of natural habitats. Recommendations: <i>SP4 should ensure that any loss of urban greenspace is not of accessible recreational use to avoid harm to mental health of residents.</i>
		SP4RA4	?	Bradford District	T/R	LT	M	
		SP4RA5	O	n/a	n/a	n/a	H	
		SP5	+/-	Bradford District	T/R	LT	L	
		SP5RA1	+/-	Bradford District	T/R	LT	L	
		SP5RA2	+/-	Bradford District	T/R	LT	L	
17. Education		SP2	++	Wider Leeds Region	T/R	LT	M	Each policy → support sustainable transport options → improved accessibility of educational facilities. SP2 & SP2RA1 → seek to enhance the role of the District as an important business location with a good supply of labour and services → increase training and employment opportunities. SP3 → seek to achieve a wide range of employment opportunities → increase training and employment opportunities. SP4RA5 → no policy → no impacts SP5 and its alternatives → new residential development in the Green Belt → residents potentially have to travel relatively long distances to access primary & secondary school facilities. Recommendations: <i>None.</i>
		SP2RA1	++	Wider Leeds Region	T/R	LT	L	
		SP3	++	Bradford District	T/R	LT	M	
		SP4	+	Bradford District	T/R	LT	M	
		SP4RA1	+	Bradford District	T/R	LT	M	
		SP4RA2	+	Bradford District	T/R	LT	M	
		SP4RA3	+	Bradford District	T/R	LT	M	
		SP4RA4	?	Bradford District	T/R	LT	M	
		SP4RA5	O	n/a	n/a	n/a	H	
		SP5	-	Bradford District	T/R	LT	L	
		SP5RA1	-	Bradford District	T/R	LT	L	
SP5RA2	-	Bradford District	T/R	LT	L			
18. Employment		SP2	++	Wider Leeds Region	T/R	LT	M	SP2, SP3, SP4 & alternatives → support improvements of sustainable transport options → improve access to employment sites SP2 & SP2RA1 → seek to enhance the role of the District as an important business location with a good supply of labour and services + seek to establish an international business gateway in proximity to Leeds Bradford Airport + encourage diversification of the rural economy → increase and employment opportunities in the District. SP3 → seeks to achieve a wide range of employment opportunities + improve connectivity to employment areas → increase employment levels SP4RA5 → no policy → no impacts SP5 & its alternatives → help to ensure that employment land needs in Bradford can be met → more employment opportunities. Recommendations: <i>None.</i>
		SP2RA1	++	Wider Leeds Region	T/R	LT	L	
		SP3	++	Bradford District	T/R	LT	M	
		SP4	+	Bradford District	T/R	LT	M	
		SP4RA1	+	Bradford District	T/R	LT	M	
		SP4RA2	+	Bradford District	T/R	LT	M	
		SP4RA3	+	Bradford District	T/R	LT	M	
		SP4RA4	?	Bradford District	T/R	LT	M	
		SP4RA5	O	n/a	n/a	n/a	H	
		SP5	+	Bradford District	T/R	LT	M	
		SP5RA1	+	Bradford District	T/R	LT	L	
SP5RA2	+	Bradford District	T/R	LT	M			
19. Economy		SP2	++	Wider Leeds Region	T/R	LT	M	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		SP2RA1	++	Wider Leeds Region	T/R	LT	L	SP2, SP3, SP4 & alternatives → support improvements of sustainable transport options → improve access to employment sites and community and retail services. SP2 & SP2RA1 → seek to enhance the role of the District as an important business location with a good supply of labour and services + seek to establish an international business gateway in proximity to Leeds Bradford airport + encourage diversification of the rural economy → increase economic growth in the District. SP3 → seeks to achieve a wide range of employment opportunities + improve connectivity to employment areas → boost local economy. SP4RA5 → no policy → no impacts SP5 & its alternatives → help to ensure that employment land needs in Bradford can be met → increase in economic growth. <i>Recommendations: None.</i>
		SP3	++	Bradford District	T/R	LT	M	
		SP4	+	Bradford District	T/R	LT	M	
		SP4RA1	+	Bradford District	T/R	LT	M	
		SP4RA2	+	Bradford District	T/R	LT	M	
		SP4RA3	+	Bradford District	T/R	LT	M	
		SP4RA4	?	Bradford District	T/R	LT	M	
		SP4RA5	O	n/a	n/a	n/a	H	
		SP5	++	Bradford District	T/R	LT	M	
		SP5RA1	++	Bradford District	T/R	LT	L	
		SP5RA2	++	Bradford District	T/R	LT	M	

Summary of, and assumptions in the assessment of, Strategic Policies (SP6 – SP7) Planning for Prosperity

Policy SP6: Economic Growth is a new policy. The Council’s preferred option would be to stimulate economic growth through getting more people into work and improving the skills of residents, which is based on the young and enterprising population (e.g. enhancing skills, learning and supporting small businesses); creating investment propositions through the District’s unique environmental assets; building on business and sector strengths; improving transport infrastructure and digital connectivity; connecting people to opportunities through jobs, skills and learning; and implementing major regeneration initiatives across the district. Economic growth will be supported to develop the Regional City of Bradford as a global hub; build the economic strengths of the principal towns of Ilkley, Keighley and Bingley; Sustain Local Growth Centres as economic hubs; and further economic diversification in Local Service Centres. Priority business sectors and clusters would be provided appropriately located sites and premises. Development of economic enterprises in tourism, culture and leisure would be encouraged, along with developments diversifying and strengthening the rural economy and the delivery of improved communications (including the delivery of fibre optic). The preferred option would also aim to create space for growth through investment in the identified employment, business and designated enterprise zones, the delivery of at least 72ha of mixed portfolio new employment land and the encouragement of converting vacant buildings to support local economic growth while having regard to constraints such as heritage. The policy would support jobs and skills through the delivery of at least 1,600 jobs per annum to 2038, and by ensuring development proposals seek to support employment, skills development, and training and education. The Council will support developments relating to the needs of and/or expansion of the District’s health care providers and higher, further and specialist education establishments.

The policy would be expected to make a major positive contribution towards social and economic SA Objectives, primarily due to its impact in enhancing the competitiveness and success of the local economy and employment opportunities that are accessible to all, are of a high-quality and diverse range, applicable for the modern economy, and which also provide skills learning opportunities. This in turn would reduce deprivation and poverty, enhance the sustainability and cohesiveness of communities, improve the social/recreational/cultural offering in the District, improve education and reduce inequalities. It may also provide a boost to the health of local people as well as improving the local offering of key services and amenities. There is a risk that the significant economic growth being sought could lead to negative impacts on SA Objectives related to the natural environment, such as an increase in operating businesses posing a risk to air quality.

- **SP6 Reasonable Alternative 1 (SP6RA1):** Update the policy but consider a less extensive range of changes. This would not deliver a comprehensive strategic approach to a key overview policy. Impacts would likely be the same but to a lesser magnitude and probability, due to the lack of a strategic approach.

Policy SP7: Planning for Sustainable Transport is a new policy. The policy will seek to improve accessibility to jobs and services by sustainable transport by allocating land for future development and base decisions for major planning applications on the key principles of sustainable transport. This would be achieved by maximising the efficient use of land and managing the locations of new developments; incorporating a mix of uses to ensure high levels of accessibility to services; encouraging the use of sustainable transport modes through travel plans and the transformation of the transport network; reducing the need to travel (e.g. promoting home working); delivering sustainable streets and sustainable transport corridors; developing new facilities for active travel modes; and maximising opportunities to co-locate residential and employment development. It would also support the implementation of infrastructure and facilities for alternative fuel and vehicle technologies (e.g. electric cars, e-bikes, electrified rail). The efficient sharing of space and all types of vehicles would be maximised, and the delivery of coordinated freight consolidation services would be supported. The policy would be highly likely to contribute towards a reduction in congestion and pollution in Bradford and the transition towards a lower-emission and more sustainable transport system. A more integrated transport network that encourages higher rates of active travel would also be highly likely to benefit the physical and mental health and wellbeing of local people and to facilitate safer and more cohesive communities. It would also increase footfall in central areas whilst establishing attractive street scenes.

- **SP7 Reasonable Alternative 1 (SP7RA1):** Update the policy but consider a less extensive range of changes. This would not deliver a comprehensive strategic approach to a key overview policy. Impacts would likely be the same but to a lesser magnitude and probability, due to the lack of a strategic approach.

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/I	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
1. Energy & GHGs		SP6	--	Bradford District	P/I	LT	M	SP6 & SP6RA1 → support and encourage significant employment development and economic growth → increase in energy consumption + associated transport → increase in associated GHG emissions.
		SP6RA1	--	Bradford District	P/I	LT	L	
		SP7	++	Bradford District	T/R	LT	H	SP7 & SP7RA1 → reduced travel need + reduced travel times → reduced GHG emissions from transport. SP7RA1 is less extensive and therefore has a lower magnitude impact. <i>Recommendations: For SP6, best efforts should be made to ensure that all new employment land is highly accessible via walking and cycling.</i>
		SP7RA1	+	Bradford District	T/R	LT	H	
2. Waste		SP6	-	Bradford District	T/R	LT	M	SP6 & SP7RA1 → supports and encourages significant employment development and economic growth → increases in associated waste due to materials used during construction + waste from increased business operations
		SP6RA1	-	Bradford District	T/R	LT	L	
		SP7	O	n/a	n/a	n/a	H	SP7 & SP7RA1 → no discernible impacts. <i>Recommendations: SP6 could seek to encourage circular economy principles in new development that minimises the consumption of materials and enhances reuse and recycle principles.</i>
		SP7RA1	O	n/a	n/a	n/a	H	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
3. Land & buildings		SP6	-	Bradford District	T/R	LT	M	<p>SP6 & SP6RA1 → supports and encourages significant employment development and economic growth → loss of greenfield land to employment development in some circumstances. However, also seeks to prioritise PDL where possible.</p> <p>SP7 & SP7RA1 → no discernible impacts.</p> <p>Recommendations: <i>When assessing the sustainability of proposals, the Council should consider impacts on land and soil resource. Proposals could be required to adopt best practice measures for soil management during construction and for excavated soil and rock to be reused either as part of the development or elsewhere.</i></p>
		SP6RA1	-	Bradford District	T/R	LT	L	
		SP7	O	n/a	n/a	n/a	H	
		SP7RA1	O	n/a	n/a	n/a	H	
4. Climate change vulnerability		SP6	?	Bradford District	T/R	LT	M	<p>SP6 & SP6RA1 → supports and encourages significant quantity of new employment and economic development → precise location of this development is uncertain → impacts on this SA Objective are uncertain as impacts depend on precise location and type of development in related to local flood risk.</p> <p>SP7 & SP7RA1 → no discernible impacts.</p> <p>Recommendations: <i>none</i></p>
		SP6	?	Bradford District	T/R	LT	L	
		SP7	O	n/a	n/a	n/a	H	
		SP7RA1	O	n/a	n/a	n/a	H	
5. Water resources		SP6	-	Bradford District	T/R	LT	L	<p>SP6 → supports and encourages significant quantity of new employment and economic development → increase in water consumption due to business operations.</p> <p>SP6 & SP6RA1 → significant new development → potential for impacts on quality of natural waterbodies during construction and operation of businesses → largely dependent on location and type of development which is currently unknown → impacts on water quality are uncertain.</p> <p>SP7 & SP7RA1 → no discernible impacts.</p> <p>Recommendations: <i>SP6 could seek to require proposals to show there is adequate water resource availability for their operations with close consideration given to water use efficiency standards.</i></p>
		SP6RA1	-	Bradford District	T/R	LT	L	
		SP7	O	n/a	n/a	n/a	H	
		SP7RA1	O	n/a	n/a	n/a	H	
6. Biodiversity & Geodiversity		SP6	-	Bradford District	P/R	LT	M	<p>SP6 & SP6RA1 → supports and encourages significant quantity of new employment and economic development → potential loss of greenfield land and supporting habitats + reduced ecological connectivity. However, majority of new employment and economic development likely to be directed towards existing settlements and urban areas which will help to limit loss of greenfield land or reduced ecological connectivity.</p> <p>SP7 & SP7RA1 → no discernible impacts.</p> <p>Recommendations: <i>none.</i></p>
		SP6RA1	-	Bradford District	P/R	LT	L	
		SP7	O	n/a	n/a	n/a	H	
		SP7RA1	O	n/a	n/a	n/a	H	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
7. Landscape & townscape		SP6	-	Bradford District	P/R	LT	M	SP6 & SP6RA1 → supports and encourages significant quantity of new employment and economic development → potential loss of greenfield land and open space → potential impacts on local landscape & townscape character
		SP6RA1	-	Bradford District	P/R	LT	L	However, focuses significant majority of new economic and employment development in existing settlements and built up areas → most negative impacts on natural landscapes likely avoided.
		SP7	+	Bradford District	T/R	LT	M	SP6 & SP6RA1 → focusses majority of new economy and employment development in existing employment areas → development more likely to be in-keeping with the surrounding townscape → most negative potential impacts on townscape character likely avoided.
		SP7RA1	+	Bradford District	T/R	LT	L	SP7 & SP7RA1 → reduce congestion → reduced impacts on townscape character. SP7 & SP7RA1 → maximises placemaking opportunities of transport hubs and interchanges + seeks to create attractive places → enhance local townscape. Recommendations: <i>SP6 could seek to ensure that new employment development is of a high-quality design.</i>
8. Cultural heritage		SP6	-	Bradford District	P/R	LT	M	SP6 & SP6RA1 → supports and encourages significant quantity of new employment and economic development → potential loss of greenfield land and open space → potential impacts on setting of heritage assets & historic areas.
		SP6RA1	-	Bradford District	P/R	LT	L	However, focuses significant majority of new economic and employment development in existing settlements and built up areas → most negative impacts on natural landscapes likely avoided.
		SP7	+	Bradford District	T/R	LT	M	SP6 & SP6RA1 → encourages conversion of existing buildings → supports regard to their heritage so most negative impacts on heritage may be avoided.
		SP7RA1	+	Bradford District	T/R	LT	M	SP7 & SP7RA1 → enhanced sustainable transport options → reduced congestion → enhanced setting of Conservation Areas. Recommendations: <i>SP6 could seek to ensure that new employment development is of a high-quality design.</i>
9. Air quality		SP6	-	Bradford District	T/R	LT	M	SP6 & SP6RA1 → supports and encourages significant quantity of new employment and economic development → likely increase in movements associated with the operation of businesses and people commuting to work in Bradford. However, also focusses new development in locations that are generally highly accessible via public transport → help to limit car movements associated with employment + help to limit air pollution from this.
		SP6RA1	-	Bradford District	T/R	LT	L	
		SP7	++	Bradford District	T/R	LT	M	SP6 & SP6RA1 → improvements to communications network & fibre optic → reduced travel need for local people and businesses → help to limit the increase in traffic movements caused by economic & employment growth → limits increase in air pollution
		SP7RA1	++	Bradford District	T/R	LT	L	SP7 & SP7RA1 → enhanced sustainable transport routes → reduced vehicular pollution. SP7 & SP7RA1 → reduced travel need + reduced travel times → reduced pollution from transport. SP7 & SP7RA1 → encourage sustainable and/or active transport + less, shorter and increasingly efficient movements → lower-emission transport system. Recommendations: <i>None.</i>

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
10. Transport		SP6	+/-	Bradford District	T/R	LT	M	<p>SP6 & SP6RA1 → supports and encourages significant quantity of new employment and economic development → likely increase in movements associated with the operation of businesses and people commuting to work in Bradford. However, also focusses new development in locations that are generally highly accessible via public transport → help to limit car movements associated with employment + help to limit air pollution from this.</p> <p>SP6 & SP6RA1 → improvements to communications network & fibre optic → reduced travel need for local people and businesses → help to limit the increase in traffic movements caused by economic & employment growth.</p> <p>SP7 & SP7RA1 → enhanced sustainable transport routes → reduced vehicular pollution.</p> <p>SP7 & SP7RA1 → reduced travel need + reduced travel times → reduced pollution from transport.</p> <p>SP7 & SP7RA1 → integrated and more efficient and sustainable transport network.</p> <p>SP7 & SP7RA1 → encourage sustainable and/or active transport + less, shorter and increasingly efficient movements → lower-emission transport system.</p> <p>Recommendations: None.</p>
		SP6RA1	+/-	Bradford District	T/R	LT	L	
		SP7	++	Bradford District	T/R	LT	H	
		SP7RA1	++	Bradford District	T/R	LT	M	
11. Housing		SP6	O	n/a	n/a	n/a	H	<p>All policies → no discernible impacts</p> <p>Recommendations: none.</p>
		SP6RA1	O	n/a	n/a	n/a	H	
		SP7	O	n/a	n/a	n/a	H	
		SP7RA1	O	n/a	n/a	n/a	H	
12. Range of Accessible services		SP6	+	Bradford District	T/R	LT	M	<p>SP6 & SP6RA1 → new and improved services and employment areas in accessible locations in Bradford.</p> <p>SP6 & SP6RA1 → new economic and employment development focussed in existing employment areas of the District → amenity of residential areas and neighbourhoods protected from potential harm.</p> <p>SP7 & SP7RA1 → more efficient and integrated transport system → enhanced accessibility of services</p> <p>Recommendations: None.</p>
		SP6RA1	+	Bradford District	T/R	LT	L	
		SP7	++	Bradford District	T/R	LT	M	
		SP7RA1	++	Bradford District	T/R	LT	L	
13. Social Cohesion		SP6	+	Bradford District	T/R	LT	M	<p>SP6 & SP6RA1 → new and improved services and employment areas in accessible locations in Bradford.</p> <p>SP6 & SP6RA1 → significant economy and employment growth → reduction in poverty, deprivation & inequality.</p> <p>SP6 & SP6RA1 → new economic and employment development focussed in existing employment areas of the District → amenity of residential areas and neighbourhoods protected from potential harm.</p> <p>SP7 & SP7RA1 → more efficient and integrated transport system → enhanced accessibility of services as well as leisure & cultural areas.</p>
		SP6RA1	+	Bradford District	T/R	LT	L	
		SP7	++	Bradford District	T/R	LT	M	
		SP7RA1	++	Bradford District	T/R	LT	L	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
								<p>SP7 & SP7RA1 → enhanced walking and cycling options → facilitates social interactions + more permeable neighbourhoods + reduced risk of isolation.</p> <p>Recommendations: None.</p>
14. Culture & leisure		SP6	+	Bradford District	T/R	LT	L	SP6 & SP6RA1 → new and improved services and employment areas in accessible locations in Bradford.
		SP6RA1	+	Bradford District	T/R	LT	L	SP6 & SP6RA1 → support enterprise that develops or enhances tourism, culture and leisure facilities.
		SP7	+	Bradford District	T/R	LT	L	SP6 & SP6RA1 → significant economy and employment growth → reduction in poverty, deprivation & inequality.
		SP7RA1	+	Bradford District	T/R	LT	L	SP7 & SP7RA1 → more efficient and integrated transport system → enhanced accessibility of leisure & cultural areas.
							Recommendations: None.	
15. Safe & secure		SP6	O	n/a	n/a	n/a	H	SP6 & SP6RA1 → no discernible impacts.
		SP6RA1	O	n/a	n/a	n/a	H	SP7 & SP7RA1 → high-quality design → safe infrastructure for travelling
		SP7	+	Bradford District	T/R	LT	M	SP7 & SP7RA1 → enhanced walking and cycling options → designated areas improve safety for walkers and cyclists.
		SP7RA1	+	Bradford District	T/R	LT	L	Recommendations: None.
16. Health		SP6	+	Bradford District	T/R	LT	M	SP6 & SP6RA1 → significant improvement to range and quantity of employment opportunities → reduced deprivation, poverty, and inequality + boost to mental wellbeing of local people due to improved employment offering.
		SP6RA1	+	Bradford District	T/R	LT	L	SP6 → support development of the District's primary and secondary health care providers → improved health care services to the district.
		SP7	+	Bradford District	T/R	LT	M	SP7 & SP7RA1 → enhanced active travel options + rates → benefits to mental and physical wellbeing.
		SP7RA1	+	Bradford District	T/R	LT	L	Recommendations: none.
17. Education		SP6	+	Bradford District	T/R	LT	H	SP6 & SP6RA1 → significant improvement in employment offering for local people → increase in quality and quantity of opportunities for learning new skills applicable to modern jobs.
		SP6RA1	+	Bradford District	T/R	LT	L	SP6 → major boost to local opportunities for education & skills learning, such as through apprenticeships + boost to local higher education facilities through supporting their development.
		SP7	+	Bradford District	T/R	LT	M	SP7 & SP7RA1 → enhanced walking, cycling and public transport options → more sustainable access to education facilities.
		SP7RA1	+	Bradford District	T/R	LT	L	Recommendations: None.
18. Employment		SP6	++	Bradford District	T/R	LT	H	SP6 & SP6RA1 → contribution towards a more successful & competitive economy in Bradford + increased focus on enterprise + enhancing skills learning → improved employment offering + increased employable skills amongst local people. S6RA1 is less extensive than SP6.
		SP6RA1	++	Bradford District	T/R	LT	L	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		SP7	+	Bradford District	T/R	LT	M	SP6 & SP6RA1 → likely to contribute to significant & regenerative economic growth in Bradford with an increasing focus on research, design, logistics, storage & distribution as well as enterprise & new start-ups → likely increase in local employment rate, average earnings, number of new start-ups, number of visitors to the District & level of local spend.
		SP7RA1	+	Bradford District	T/R	LT	L	SP6 & SP6RA1 → jobs created in Bradford likely to satisfy local requirements. SP7 & SP7RA1 → enhanced walking, cycling and public transport options → more sustainable access to employment facilities for all people. SP7 & SP7RA1 → more efficient and sustainable access into town and city centres → increased footfall and enhanced viability of central areas. Recommendations: None.
19. Economy		SP6	++	Bradford District	T/R	LT	H	SP6 & SP6RA1 → contribution towards a more successful & competitive economy in Bradford + increased focus on enterprise + enhancing skills learning → improved employment offering + increased employable skills amongst local people. S6RA1 is less extensive than SP6.
		SP6RA1	+	Bradford District	T/R	LT	L	SP6 & SP6RA1 → likely to contribute to significant & regenerative economic growth in Bradford with an increasing focus on research, design, logistics, storage & distribution as well as enterprise & new start-ups → likely increase in local employment rate, average earnings, number of new start-ups, number of visitors to the District & level of local spend.
		SP7	+	Bradford District	T/R	LT	M	SP7 & SP7RA1 → enhanced walking, cycling and public transport options → more sustainable access to employment facilities for all people.
		SP7RA1	+	Bradford District	T/R	LT	L	SP7 & SP7RA1 → more efficient and sustainable access into town and city centres → increased footfall and enhanced viability of central areas. Recommendations: None.

Summary of, and assumptions in the assessment of, Strategic Policy (SP8) Planning for Homes

Policy SP8: Housing Growth is a new policy. The Council’s preferred option is to pursue a housing requirement of 30,672 new homes over the plan period, equalling on average 1,704 new homes per annum, with a residual requirement of at least 27,672 homes over the plan period while maintaining a flexible approach to other growth opportunities that may arise. The policy specifies that housing will primarily be delivered through existing residential commitments, specific housing site allocations (identified on the Policies Map) and further supply within two broad locations identified in Keighley and the Southern Gateway area within Bradford City Centre. It also sets out, under schedule 1 of the policy, the spatial distribution of the residential housing requirement. The policy seeks to support sustainable growth through maximising the use of brownfield land and regeneration sites and maximising delivering on sites already within settlements, with at least 50% of total new housing over the plan period coming from PDL. Approximately 25% of the total housing requirement will be affordable housing and a range of specialist housing will be delivered, in accordance with Policies HO5, HO7 and HO8. Housing that is high quality and has strong environmental credentials will be encouraged.

- **SP8 Reasonable Alternative 1 (SP8RA1):** To meet the Cities and Urban Areas uplift on the Local Housing Need, meaning an additional 10,728 homes would be required and annual average of 2,299 / annum.
- **SP8 Reasonable Alternative 2 (SP8RA2):** Lower the housing requirement to below the Local Housing Need figure.

- **SP8 Reasonable Alternative 3 (SP8RA3):** Either removing the “Components of Supply” element from the policy entirely or setting the elements of windfall and clearance at higher or lower levels.
- **SP8 Reasonable Alternative 4 (SP8RA4):** Changing the Spatial Distribution of Growth element to baseline population proportionate. This would assign targets based on the proportion of the existing population within that settlement area, and overall would result in substantially more Green Belt releases than the preferred option. It could also mean that the minimum housing requirement is not met.
- **SP8 Reasonable Alternative 5 (SP8RA5):** Changing the Spatial Distribution of Growth element to distribute the district wide housing requirement in exactly the same proportions as in the adopted Core Strategy. This would result in significantly more Green Belt releases than the preferred option and provide less support to regeneration.
- **SP8 Reasonable Alternative 6 (SP8RA6):** To conform with the settlement hierarchy but with no land released from the Green Belt, which would result in the provision of between 5,000 and 6,000 fewer homes and would fall significantly below the housing need. It could also undermine regeneration in some areas.
- **SP8 Reasonable Alternative 7 (SP8RA7):** This alternative would seek to have no land released from the Green Belt, but with meet the Cities and Urban Areas uplift. It is highly unlikely that this could be achieved, given the extent to which development is already focused on the urban areas and City Centre. If pursued and if found to be a realistic and deliverable option it would reduce the scale and number of locations for Green Belt change compared to the preferred option, however with this alternative comes greater uncertainty.
- **SP8 Reasonable Alternative 8 (SP8RA8):** Having greater dispersal by decreasing the concentration on the Regional City and dispersing more development to the higher value areas of the district, in the bottom two tiers of the settlement hierarchy. This would increase the overall scale of Green Belt releases and very significantly increase Green Belt releases in the Local Growth Centres and Local Service Centres.

The delivery of new housing in Bradford would be expected to make a positive contribution towards SA Objectives related to the economy and society. The provision of new homes would help to ensure that local people can live high-quality, healthy and safe lives at home situated within sustainable communities and with access to key services (such as health and education facilities) in the District. New homes would also be expected to provide a boost to the local economy whilst also enhancing the accessibility of employment opportunities in Bradford for new people. Generally speaking, it is likely that these benefits would be of a greater magnitude where a greater number of homes is delivered. SP8 and SP8RA1 would, as a minimum, ensure that the housing needs of Bradford are satisfied whereas SP8RA2, SP8RA6 & SP8RA7 would not satisfy this requirement.

The construction and occupation of new homes can pose a risk to natural environment related SA Objectives and, generally speaking, the greater the number of homes the greater the risk. This is because the construction and occupation of new homes can lead to a less sustainable approach to the use of land (it is likely that higher housing requirements would require greater amounts of greenfield land to be developed upon) whilst impacts landscape character, historic character/setting, biodiversity, and the local ecological network are more likely. SP8RA1 SP8RA4 & SP8RA5 would result in more green belt releases and/or a greater number of homes, therefore their impacts on the environment will be greater.

The provision of greater number of homes would also be likely to make it increasingly difficult to ensure a sustainable approach to the management and consumption of resources, such as construction materials, water, fuel and food. As resource consumption increases so too would the generation of waste and pollutants (including GHG emissions and particulate matter into the air as well as potentially contamination or pollution risks of waterbodies). Higher housing requirements would be likely result in the Council having less freedom or choice over where to situate new homes. For example, the highest housing requirement of SP8RA1 would be likely to necessitate more land being released from the Green Belt to accommodate the new development than SP8 and SP8RA2 would. The potentially negative impacts of new development on the

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natural environment would typically be of an increasingly greater magnitude where more homes are proposed and, as such, SP8RA2 could pose a less severe risk to the natural environment than SP8. SP8 would in turn be likely to pose less of a risk to the natural environment than SP8RA1.

It is likely that many of the negative impacts associated with the construction and occupation of new homes will be mitigated to some extent by other policies in the Local Plan. For example, negative impacts on biodiversity or ecological networks are likely to be limited by the proposed policy EN2. The appraisals in this table are of SP8 and its alternatives only. The potentially mitigating impact of other policies are only factored in during the cumulative effects appraisal.

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
1. Energy & GHGs		SP8	-	Bradford district	P/I	LT	M	SP8 & its alternatives → significant increase in residential energy consumption + increase in residents' use of cars → significant increase in GHG emissions. Greatest magnitude with SP8RA1 SP8 & its alternatives → development in Green Belt → loss of greenfield land (carbon sink) + residents likely to need to travel longer distances e.g. to access services or employment. SP8 → majority of development directed towards Regional City & Principal Towns → facilitates high rates of walking, cycling & public transport + good opportunities for energy efficiency & renewable energy generation. SP8RA4 & SP8RA5 → largely similar impact to SP8 but of greater magnitude due to more green belt releases. SP8RA6 → majority of development directed towards Regional City → lower-emission travel + more opportunities for renewable & efficient energy. This option accommodates a lower quantity of development which could enable more efficient energy networks and more opportunities for renewable energy. SP8RA7 → majority of development directed towards Regional City & Principal Towns + no development on Green Belt → development likely to be in locations with good sustainable transport options + shorter distances to travel. SP8RA8 → directs less development to Regional City than preferred option and directs more to LGCs & LSCs → higher reliance on personal car use + more limited options for efficient energy networks & renewable energy generation. Also potential for additional Green Belt release. <i>Recommendations: Use of renewable and low carbon energy, offset and mitigate emissions, ensure good sustainable and active travel links</i>
		SP8RA1	--	Bradford district	P/I	LT	M	
		SP8RA2	-	Bradford district	P/I	LT	M	
		SP8RA3	-	Bradford district	P/I	LT	M	
		SP8RA4	--	Bradford district	P/I	LT	M	
		SP8RA5	--	Bradford district	P/I	LT	M	
		SP8RA6	+/-	Bradford district	P/I	LT	M	
		SP8RA7	+/-	Bradford district	P/I	LT	M	
2. Waste		SP8	+/-	Bradford district	T/R	LT	H	SP8 & its alternatives → significant construction + increase in residents → increase in construction & residential waste. Greatest magnitude with SP8RA1, lowest with SP8QRA2. SP8 & SP8RA7 → majority of development directed towards Regional City & Principal Towns → housing likely to be served by kerbside collection of wider variety of recyclables than in smaller settlements & short travel distances for collection vehicles. Range of recycling facilities likely greater in City & Towns than it is in smaller settlements.
		SP8RA1	--	Bradford district	T/R	LT	H	
		SP8RA2	-	Bradford district	T/R	LT	H	
		SP8RA3	-	Bradford district	T/R	LT	H	
		SP8RA4	-	Bradford district	T/R	LT	H	
		SP8RA5	-	Bradford district	T/R	LT	H	
		SP8RA6	+/-	Bradford district	T/R	LT	H	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		SP8RA7	+/-	Bradford district	T/R	LT	M	<p>SP8RA6 → majority of development directed towards Regional City → lower-emission travel + more opportunities for renewable & efficient energy. This option accommodates a lower quantity of development which could result in less construction & household waste.</p> <p>SP8RA8 → directs more development towards LGCs and LSCs than other options → potential for more limited recycling opportunities for local people.</p> <p>Recommendations: <i>Provision of waste and recycling facilities, reusing existing housing stock where possible, following the waste hierarchy to reduce, reuse and recycle materials.</i></p>
		SP8RA8	-	Bradford district	T/R	LT	H	
3. Land & buildings		SP8	-	Bradford district	P/I	LT	M	<p>SP8 & its alternatives → significant number of new homes → significant quantity in land developed on, including greenfield land. Greatest magnitude with SP8RA1. Mitigated to some extent by commitment to reuse of PDL and existing buildings.</p> <p>SP8RA4 → directs more development to Green Belt than preferred option and avoids PDL sites.</p> <p>SP8RA5 → largely similar impact to SP8 but of a slightly lower magnitude due to less development directed towards the Regional City.</p> <p>SP8RA6 → majority of development directed towards Regional City → good opportunities for PDL + option avoids using any Green Belt. This option accommodates a lower quantity of development which result in a reduced quantity of land-use.</p> <p>SP8RA7 → majority of development directed towards Regional City & Principal Towns + no Green Belt release.</p> <p>SP8RA8 → less development in Regional City & Principal Towns and more development in locations where high uptake of greenfield is likely, including land containing BMV soils, to be necessary with significant Green Belt release.</p> <p>Recommendations: <i>Maximising the reuse of PDL and existing housing stock where possible and minimising greenfield and Green Belt release.</i></p>
		SP8RA1	--	Bradford district	P/I	LT	M	
		SP8RA2	-	Bradford district	P/I	LT	M	
		SP8RA3	-	Bradford district	P/I	LT	M	
		SP8RA4	-	Bradford district	P/I	LT	M	
		SP8RA5	-	Bradford district	P/I	LT	M	
		SP8RA6	+	Bradford district	P/I	LT	M	
		SP8RA7	+	Bradford district	P/I	LT	M	
		SP8RA8	-	Bradford district	P/I	LT	M	
4. Climate change vulnerability		SP8	-	Bradford district	P/I	LT	L	<p>SP8 & its alternatives → significant number of new homes → likely that some will be situated on land at risk of flooding + loss of greenfield land could increase flood risk. Greatest magnitude with SP8RA1.</p> <p>Whilst options that direct more development towards the Regional City and Principal Towns could be considered to be less likely to alter local flood risk due less development in locations that could alter flood risk, the impacts on vulnerability to climate change largely depends on the precise location of development. There are extensive areas of Flood Zone 3 within and around the Regional City, as well along the Airedale and Wharfedale corridors and it is uncertain which spatial options would result in more development in these Flood Zones than others</p> <p>Recommendations: <i>Inclusion of GI, SUDs and flood storage into developments and require development proposals to include measure to mitigate effects of climate change.</i></p>
		SP8RA1	--	Bradford district	P/I	LT	L	
		SP8RA2	-	Bradford district	P/I	LT	L	
		SP8RA3	-	Bradford district	P/I	LT	L	
		SP8RA4	-	Bradford district	P/I	LT	L	
		SP8RA5	-	Bradford district	P/I	LT	L	
		SP8RA6	-	Bradford district	P/I	LT	L	
		SP8RA7	-	Bradford district	P/I	LT	L	
		SP8RA8	-	Bradford district	P/I	LT	L	
5. Water resources		SP8	-	Bradford district	P/I	LT	M	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		SP8RA1	--	Bradford district	P/I	LT	M	SP8 & alternatives → significant increase in residential water consumption. Greatest magnitude with SP8RA1.
		SP8RA2	-	Bradford district	P/I	LT	M	
		SP8RA3	-	Bradford district	P/I	LT	M	SP8 & alternatives → significant construction → pollution & contamination risk to water quality. Greatest magnitude with SP8RA1.
		SP8RA4	--	Bradford district	P/I	LT	M	
		SP8RA5	--	Bradford district	P/I	LT	M	
		SP8RA6	-	Bradford district	P/I	LT	M	SP8 → majority of development directed towards Regional City & Principal Towns → limit the amount of development on greenfield sites in the countryside, although not entirely.
		SP8RA7	-	Bradford district	P/I	LT	M	
		SP8RA8	--	Bradford district	P/I	LT	M	<p>SP8RA4 → significant majority of development directed towards Green Belt and avoids PDL.</p> <p>SP8RA5 → slightly more development directed towards smaller and more rural settlements than SP8, potentially involving more Green Belt release → greater risk of development negatively impacting the quality of natural waterbodies.</p> <p>SP8RA6 & SP8RA7 → majority of development directed towards Regional City & Principal Towns + no Green Belt development → slightly more limited risk of pollution or contamination of natural waterbodies than SP8. Could pose a risk to the quality of the waterbodies in the District.</p> <p>SP8RA8 → more development directed towards smaller and more rural settlements than all other options, likely with significant Green Belt release → high risk of negative impacts on water quality as a result of development on greenfield.</p> <p>Recommendations: <i>Minimise runoff from developments and ensure developments use water resources sustainably.</i></p>
6. Biodiversity & geodiversity		SP8	-	Bradford district	P/I	LT	L	SP8 & its alternatives → new residents → increase in public access associated disturbances on wildlife. HRA screening has not been able to rule out an LSE on the South Pennine Moors SAC/SPA as a result of cumulative recreation pressure, urban effects, air quality and impacts to supporting habitats as result of housing growth.
		SP8RA1	--	Bradford district	P/I	LT	M	
		SP8RA2	-	Bradford district	P/I	LT	L	SP8 & its alternatives → significant construction + loss of greenfield → direct loss of wildlife + impacts on ecological connectivity. Greatest magnitude with SP8RA1 & SP8RA8
		SP8RA3	-	Bradford district	P/I	LT	L	
		SP8RA4	--	Bradford district	P/I	LT	M	
		SP8RA5	--	Bradford district	P/I	LT	M	SP8 → majority of development directed towards Regional City & Principal Towns → limited development on greenfield sites although not entirely as SP8 uses some Green Belt → risk of negative impacts on designations, habitats and ecological connectivity.
		SP8RA6	-	Bradford district	P/I	LT	M	
		SP8RA7	-	Bradford district	P/I	LT	M	SP8RA4 → significant majority of development directed towards Green Belt and not PDL.
SP8RA8	--	Bradford district	P/I	LT	M	<p>SP8RA5 → slightly more development directed towards smaller and more rural settlements than SP8, potentially involving more Green Belt release → greater risk of development negatively impacting designations, habitats and ecological connectivity.</p> <p>SP8RA6 & SP8RA7 → majority of development directed towards Regional City & Principal Towns + no Green Belt development → lowest risk of negative impacts on habitats, designations & connectivity.</p>		

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
								Recommendations: Maximise inclusion of GI to contribute to the District's ecological network and ensure no large scale impacts on designated sites.
7. Landscape & townscape		SP8	+/-	Bradford district	P/I	LT	M	SP8 & its alternatives → significant new development → loss of open spaces → potential negative impacts on natural landscape character with homes allocated in Green Belt. Greatest magnitude with SP8RA1. However, some mitigation as majority of development directed towards Regional City and Principal Towns. SP8 & its alternatives → redevelopment of brownfield sites → enhancement to local character SP8RA4 → significant majority of development directed towards Green Belt and avoids PDL. SP8RA5 → slightly more development directed towards smaller and more rural settlements than HO3, potentially involving more Green Belt release → greater risk of negative impacts on character with slightly more limited options for enhancing townscapes SP8RA6 & SP8RA7 → majority of development directed towards Regional City & Principal Towns + no Green Belt development → lowest risk of negative impacts landscapes with good opportunities for enhancing townscapes + lowest risk of discording with setting combined with good opportunities for enhancing setting SP8RA8 → more development directed towards smaller and more rural settlements than all other options, likely with significant Green Belt release → highest risk of negative impacts natural landscape character with limited options for using PDL and enhancing townscapes. Recommendations: Ensure housing is in-keeping with the local character and setting
		SP8RA1	--	Bradford district	P/I	LT	M	
		SP8RA2	+/-	Bradford district	P/I	LT	M	
		SP8RA3	+/-	Bradford district	P/I	LT	M	
		SP8RA4	-	Bradford district	P/I	LT	M	
		SP8RA5	-	Bradford district	P/I	LT	M	
		SP8RA6	+/-	Bradford district	P/I	LT	M	
		SP8RA7	+/-	Bradford district	P/I	LT	L	
		SP8RA8	--	Bradford district	P/I	LT	M	
8. Cultural heritage		SP8	+/-	Bradford district	P/I	LT	M	SP8 & its alternatives → significant new development → loss of open spaces → potential negative impacts on setting of heritage assets & historic areas. Greatest magnitude with SP8RA1. However, some mitigation as majority of development directed towards Regional City and Principal Towns. SP8 → majority of development directed towards Regional City & Principal Towns → large number of heritage assets & historic features → good opportunities for development to enhance their setting on PDL although there would be some development in small rural settlements as well as some Green Belt release SP8 & its alternatives → redevelopment of brownfield sites → enhancement to setting of heritage assets & historic areas. SP8 & its alternatives → new development → opportunities for new archaeological discoveries. SP8RA4 → significant majority of development directed towards Green Belt and avoids PDL. SP8RA5 → slightly more development directed towards smaller and more rural settlements than SP8, potentially involving more Green Belt release → negative impacts on the setting of heritage assets, particularly as small rural settlements have a large number of Listed Buildings.
		SP8RA1	--	Bradford district	P/I	LT	M	
		SP8RA2	+/-	Bradford district	P/I	LT	M	
		SP8RA3	+/-	Bradford district	P/I	LT	M	
		SP8RA4	-	Bradford district	P/I	LT	M	
		SP8RA5	-	Bradford district	P/I	LT	M	
		SP8RA6	+/-	Bradford district	P/I	LT	M	
		SP8RA7	+/-	Bradford district	P/I	LT	L	
		SP8RA8	--	Bradford district	P/I	LT	M	

Appendix D – Policies Assessments

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
								<p>SP8RA6 & SP8RA7 → majority of development directed towards Regional City & Principal Towns + no Green Belt development → lowest risk of discording with setting combined with good opportunities for enhancing setting</p> <p>SP8RA8 → more development directed towards smaller and more rural settlements than all other options, likely with significant Green Belt release → highest risk of negative impacts on setting of heritage assets with restricted opportunities for enhancing setting.</p> <p>Recommendations: <i>Ensure housing is in-keeping with the local character and setting</i></p>
9. Air quality		SP8	--	Bradford district	P/I	LT	M	<p>SP8 & its alternatives → significant increase in residential energy consumption + increase in residents' use of cars → increase in air pollution → majority of housing allocation in regional city and principal towns → potential to exacerbate existing air quality issues. Greatest magnitude with SP8RA1.</p> <p>SP8 → majority of development directed towards Regional City & Principal Towns → facilitates high rates of walking, cycling & public transport → reduced pollution.</p> <p>SP8RA4 & SP8RA5 → largely similar impact to SP8 but of a slightly lower magnitude due to less development directed towards the Regional City.</p> <p>SP8RA6 & SP8RA7 → majority of development directed towards Regional City, even more so than SP8 with no development on Green Belt → more efficient & lower-emission travel combined with reduced need to travel → reduced pollution.</p> <p>SP8RA8 → directs less development to Regional City than preferred option and directs more to LGCs & LSCs → likely higher reliance on personal car use for new residents than other options coupled with longer distances to travel to access some key services and amenities.</p> <p>Options that focus development in the City and Principal Towns would be likely to enable lower-pollution lifestyles of new residents, such as due to good access to convenient and frequent public transport options. However, air quality in Bradford is already poor in some locations, with four AQMA designations, and focussing the majority of development in the City could potentially make achieving air quality improvement targets at these AQMAs more difficult without significant efforts to avoid and mitigate the impacts of development on air quality.</p> <p>This assessment is to be reviewed once air quality/traffic modelling results are available.</p> <p>Recommendations: <i>Use of renewable and low carbon energy, ensure good sustainable and active travel links and provision of electric car charging points.</i></p>
		SP8RA1	--	Bradford district	P/I	LT	M	
		SP8RA2	-	Bradford district	P/I	LT	M	
		SP8RA3	--	Bradford district	P/I	LT	M	
		SP8RA4	--	Bradford district	P/I	LT	M	
		SP8RA5	--	Bradford district	P/I	LT	M	
		SP8RA6	-	Bradford district	P/I	LT	M	
		SP8RA7	-	Bradford district	P/I	LT	M	
		SP8RA8	--	Bradford district	P/I	LT	M	
10. Transport		SP8	-	Bradford district	P/I	LT	M	<p>SP8 & its alternatives → significant increase in residential energy consumption + increase in residents' use of cars → increase in congestion Greatest magnitude with SP8RA1.</p> <p>SP8 & its alternatives → significant increase in residents → increase in pressure on capacity of public transport system & walking and cycling routes. Greatest magnitude with SP8RA1.</p>
		SP8RA1	-	Bradford district	P/I	LT	M	
		SP8RA2	-	Bradford district	P/I	LT	M	
		SP8RA3	-	Bradford district	P/I	LT	M	
		SP8RA4	-	Bradford district	P/I	LT	M	
		SP8RA5	-	Bradford district	P/I	LT	M	
		SP8RA6	-	Bradford district	P/I	LT	M	

Appendix D – Policies Assessments

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		SP8RA7	-	Bradford district	P/I	LT	M	<p>SP8 → majority of development directed towards Regional City & Principal Towns → facilitates high rates of walking, cycling & public transport.</p> <p>SP8RA4 & SP8RA5 → largely similar impact to SP8 but of a slightly lower magnitude due to less development directed towards the Regional City.</p> <p>SP8RA6 & SP8RA7 → majority of development directed towards Regional City, even more so than SP8 with no development on Green Belt → more efficient & lower-emission travel combined with reduced need to travel.</p> <p>SP8RA8 → directs less development to Regional City than preferred option and directs more to LGCs & LSCs → likely higher reliance on personal car use for new residents than other options coupled with longer distances to travel to access some key services and amenities.</p> <p>This assessment is to be reviewed once air quality/traffic modelling results are available.</p> <p>Recommendations: <i>Use of renewable and low carbon energy, ensure good sustainable and active travel links and provision of electric car charging points.</i></p>
		SP8RA8	-	Bradford district	P/I	LT	M	
11. Housing		SP8	++	Bradford district	P/I	LT	H	<p>SP8, SP8RA1, SP8RA3, SP8RA4, AP8RA5, & SP8RA8 → accommodate a quantity of housing, as well as a mix of housing types and affordability, that satisfies housing requirements of the District on the whole as well as at different settlements and also enhances the viability of different areas of the District and leads to some regeneration.</p> <p>SP8RA1 → exceed the minimum housing need in Bradford + provide buffer.</p> <p>SP8RA2, SP8RA6, SP8RA7 → would fall short of satisfying the identified housing need in Bradford.</p> <p>SP8RA8 → would be likely to satisfy the overall District housing requirement + significant regeneration in smaller and more rural settlements although there is a risk of limited regeneration in the Regional City and some Principal Towns.</p> <p>Recommendations: <i>None</i></p>
		SP8RA1	++	Bradford district	P/I	LT	H	
		SP8RA2	--	Bradford district	P/I	LT	H	
		SP8RA3	++	Bradford district	P/I	LT	H	
		SP8RA4	++	Bradford district	P/I	LT	H	
		SP8RA5	++	Bradford district	P/I	LT	H	
		SP8RA6	--	Bradford district	P/I	LT	M	
		SP8RA7	--	Bradford district	P/I	LT	M	
		SP8RA8	++	Bradford district	P/I	LT	M	
12. Range of accessible services		SP8	+	Bradford district	P/I	LT	M	<p>SP8 & its alternatives → significant number of new homes → new residents able to access services and cultural assets in Bradford whilst increase in demand could validate the provision of new services & assets.</p> <p>SP8 & its alternatives → significant number of new homes → growth in residents → additional pressure potentially placed on the capacity of existing services.</p> <p>SP8 → majority of development directed towards Regional City & Principal Towns → excellent access to key services, amenities, facilities for new residents. Development could also facilitate the provision of expanded or new services and facilities.</p> <p>SP8 → portion of development directed towards LGCs and LSCs → could enable the provision of new services and amenities in these smaller settlements too.</p>
		SP8RA1	+	Bradford district	P/I	LT	M	
		SP8RA2	+	Bradford district	P/I	LT	M	
		SP8RA3	+	Bradford district	P/I	LT	M	
		SP8RA4	+/-	Bradford district	P/I	LT	M	
		SP8RA5	+/-	Bradford district	P/I	LT	M	
		SP8RA6	+	Bradford district	P/I	LT	M	
		SP8RA7	+	Bradford district	P/I	LT	M	
		SP8RA8	+/-	Bradford district	P/I	LT	M	

Appendix D – Policies Assessments

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
								<p>SP8RA4 & SP8RA5 → slightly more development directed towards smaller and more rural settlements than SP8 → new residents may have slightly more limited access to key services, amenities, facilities but development could facilitate the provision of new or expanded services in these locations to a greater extent than SP8.</p> <p>SP8RA6 & SP8RA7 → majority of development directed towards Regional City & Principal Towns + no Green Belt development → residents likely to have excellent access to key services, amenities, facilities. However, more limited quantity of new development → uncertain the extent to which they would facilitate the provision of new services to the same extent as other options.</p> <p>SP8RA8 → more development directed towards smaller and more rural settlements than all other options, likely with significant Green Belt release → highest risk of new residents having to travel relatively far to access some services, amenities, facilities, but option could provide greatest benefit to LSCs & LGCs by facilitating the provision of new services etc.</p> <p>Recommendations: None</p>
13. Social Cohesion		SP8	+/-	Bradford district	P/I	LT	M	<p>SP8 & its alternatives → significant number of new homes → new residents able to access services and cultural assets in Bradford whilst increase in demand could validate the provision of new services & assets.</p> <p>SP8 & its alternatives → significant number of new homes → growth in residents → additional pressure potentially placed on the capacity of existing services.</p> <p>SP8 & its alternatives → significant number of new homes including provision of affordable housing + employment land boosting jobs + economy → reduced deprivation + local people able to live within existing communities</p> <p>SP8 & its alternatives → significant number of new homes → risk of altering the balance or cohesion of local communities.</p> <p>Recommendations: None</p>
		SP8RA1	+/-	Bradford district	P/I	LT	M	
		SP8RA2	+/-	Bradford district	P/I	LT	M	
		SP8RA3	+/-	Bradford district	P/I	LT	M	
		SP8RA4	+/-	Bradford district	P/I	LT	M	
		SP8RA5	+/-	Bradford district	P/I	LT	M	
		SP8RA6	+/-	Bradford district	P/I	LT	M	
		SP8RA7	+/-	Bradford district	P/I	LT	M	
		SP8RA8	+/-	Bradford district	P/I	LT	M	
14. Culture & leisure		SP8	+/-	Bradford district	P/I	LT	M	<p>SP8 & its alternatives → significant number of new homes → new residents able to access cultural assets in Bradford whilst increase in demand could validate the provision of new culture and leisure facilities.</p> <p>SP8 & its alternatives → significant number of new homes → growth in residents → additional pressure potentially placed on the capacity of existing culture and leisure facilities</p> <p>SP8 → majority of development directed towards Regional City & Principal Towns → excellent access to cultural spaces for new residents. Development could also facilitate the provision of expanded or new services and facilities.</p> <p>SP8 → portion of development directed towards LGCs and LSCs → could enable the provision of new services and amenities in these smaller settlements too.</p>
		SP8RA1	+/-	Bradford district	P/I	LT	M	
		SP8RA2	+/-	Bradford district	P/I	LT	M	
		SP8RA3	+/-	Bradford district	P/I	LT	M	
		SP8RA4	+/-	Bradford district	P/I	LT	M	
		SP8RA5	+/-	Bradford district	P/I	LT	M	
		SP8RA6	+/-	Bradford district	P/I	LT	M	
		SP8RA7	+/-	Bradford district	P/I	LT	M	
		SP8RA8	+/-	Bradford district	P/I	LT	M	

Appendix D – Policies Assessments

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
								<p>SP8RA4 & SP8RA5 → slightly more development directed towards smaller and more rural settlements than SP8 → new residents may have slightly more limited access to cultural spaces but development could facilitate the provision of new or expanded services in these locations to a greater extent than SP8.</p> <p>SP8RA6 & SP8RA7 → majority of development directed towards Regional City & Principal Towns + no Green Belt development → residents likely to have excellent access to cultural spaces. However, more limited quantity of new development → uncertain the extent to which they would facilitate the provision of new services to the same extent as other options.</p> <p>SP8RA8 → more development directed towards smaller and more rural settlements than all other options, likely with significant Green Belt release → highest risk of new residents having to travel relatively far to access some cultural spaces, but option could provide greatest benefit to LSCs & LGCs by facilitating the provision of new services etc.</p> <p>Recommendations: None</p>
15. Safe and secure		SP8	+/-	Bradford district	P/I	LT	L	<p>SP8 & its alternatives → significant number of new homes + increase in number of residents → increase in potential victims of crime + developments that attract crime.</p> <p>SP8 & its alternatives → significant number of new homes → enhance the safety, security of people's lives due to reduced homelessness, deprivation, inequality & poverty → potential regenerative effects of development on PDL and urban sites.</p> <p>SP8RA6 & SP8RA7 → would be unlikely to accommodate enough development to satisfy requirements → more limited reduction in homelessness, deprivation, inequality & poverty.</p> <p>Recommendations: Ensure housing design is high quality and promotes safety and security</p>
		SP8RA1	+/-	Bradford district	T/R	LT	L	
		SP8RA2	+/-	Bradford district	T/R	LT	L	
		SP8RA3	+/-	Bradford district	T/R	LT	L	
		SP8RA4	+/-	Bradford district	T/R	LT	L	
		SP8RA5	+/-	Bradford district	T/R	LT	L	
		SP8RA6	+/-	Bradford district	T/R	LT	L	
		SP8RA7	+/-	Bradford district	T/R	LT	L	
16 Health		SP8	+	Bradford district	T/R	LT	L	<p>SP8 & its alternatives → significant number of new homes → enable healthy lifestyles at home + provide good access to health facilities such as hospitals & GP surgeries.</p> <p>SP8 & its alternatives → increased pressure on capacity of existing health services → uncertain if growth of residential development would place the existing services under excessive pressure or if it would make the delivery of improved/new services more viable.</p> <p>SP8RA4 & SP8RA5 → slightly more development directed towards smaller and more rural settlements than SP8 → new residents may have slightly more limited access to health services but development could facilitate the provision of new or expanded services in these locations to a greater extent than SP8. Potential for new residents to also have slightly better access to open spaces/countryside/habitats than SP8.</p> <p>SP8RA6 & SP8RA7 → majority of development directed towards Regional City & Principal Towns + no Green Belt development → residents likely to have excellent access to health services although potentially limited access to countryside/open space/habitats. SP88RA6 & SP8RA7 → more limited quantity of new development → uncertain whether they would facilitate the provision of new services to the same extent as other options.</p>
		SP8RA1	+	Bradford district	T/R	LT	L	
		SP8RA2	+	Bradford district	T/R	LT	L	
		SP8RA3	+	Bradford district	T/R	LT	L	
		SP8RA4	+/-	Bradford district	T/R	LT	L	
		SP8RA5	+/-	Bradford district	T/R	LT	L	
		SP8RA6	+	Bradford district	T/R	LT	L	
		SP8RA7	+	Bradford district	T/R	LT	L	
		SP8RA8	+/-	Bradford district	T/R	LT	L	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
								<p>SP8RA8 → more development directed towards smaller and more rural settlements than all other options, likely with significant Green Belt release → highest risk of new residents having to travel relatively far to access some health services, but option could facilitate the provision of new services at LSCs & LGCs. New residents likely to have excellent access to countryside/open space/habitats.</p> <p>Recommendations: <i>Where large greenfield release is planned, development should include provision of health services.</i></p>
17. Education		SP8	+	Bradford district	T/R	LT	M	<p>SP8 & its alternatives → majority of development directed towards Regional City & Principal Towns → excellent access to education opportunities. Development could also facilitate the provision of expanded or new education opportunities in LGCs and LSCs. SP8RA2 to a lesser extent.</p> <p>SP8 & its alternatives → increase in employment land → improvement in employment offering for local people → increase in quality and quantity of opportunities for learning new skills applicable to modern jobs.</p> <p>SP8RA4 & SP8RA5 → slightly more development directed towards smaller and more rural settlements than SP8 → new residents may have slightly more limited access to education opportunities but development could facilitate the provision of new or expanded services in these locations to a greater extent than SP8.</p> <p>SP8RA6 & SP8RA7 → majority of development directed towards Regional City & Principal Towns + no Green Belt development → residents likely to have excellent access to education opportunities.</p> <p>SP8RA6 & SP8RA7 → more limited quantity of new development → uncertain whether they would facilitate the provision of new education opportunities to the same extent as other options.</p> <p>SP8RA8 → more development directed towards smaller and more rural settlements than all other options, likely with significant Green Belt release → highest risk of new residents having to travel relatively far to access some education opportunities, but option could facilitate the provision of new services at LSCs & LGCs.</p> <p>Recommendations: <i>Large greenfield sites should include schools as a requirement for development.</i></p>
		SP8RA1	+	Bradford district	T/R	LT	M	
		SP8RA2	+	Bradford district	T/R	LT	L	
		SP8RA3	+	Bradford district	T/R	LT	M	
		SP8RA4	+/-	Bradford district	T/R	LT	L	
		SP8RA5	+/-	Bradford district	T/R	LT	L	
		SP8RA6	+	Bradford district	T/R	LT	L	
		SP8RA7	+	Bradford district	T/R	LT	L	
		SP8RA8	+/-	Bradford district	T/R	LT	L	
18. Employment		SP8	+	Bradford district	T/R	LT	M	<p>SP8 & its alternatives → new homes, majority within the Regional City and Principal Towns → new residents with good access to Bradford's employment market.</p> <p>SP8 & its alternatives → help to ensure that employment land needs in Bradford can be met → increase in economic growth + more employment opportunities</p> <p>Greatest magnitude with SP8RA1.</p> <p>SP8RA4 & SP8RA5 → slightly more development directed towards smaller and more rural settlements than SP8 → new residents may have slightly more limited access to employment opportunities, therefore of lower magnitude than SP8.</p>
		SP8RA1	+	Bradford district	T/R	LT	H	
		SP8RA2	O	n/a	n/a	n/a	H	
		SP8RA3	+	Bradford district	T/R	LT	H	
		SP8RA4	+	Bradford district	T/R	LT	L	
		SP8RA5	+	Bradford district	T/R	LT	L	
		SP8RA6	O	n/a	n/a	n/a	H	
		SP8RA7	O	n/a	n/a	n/a	H	
		SP8RA8	O	n/a	n/a	n/a	H	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
								<p>SP8RA6 & SP8RA7 → majority of development directed towards Regional City & Principal Towns + no Green Belt development → residents likely to have excellent access to employment opportunities. However, unlikely that these options could accommodate enough new development to satisfy employment requirements so no impact on employment/economy.</p> <p>SP8RA8 → more development directed towards smaller and more rural settlements than all other options, likely with significant Green Belt release → residents likely to have limited access to employment opportunities with restricted sustainable transport options. Therefore, no discernible impact on employment.</p> <p>SP8, SP8RA4 & SP8RA5 → likely to facilitate economic regeneration of areas throughout the City as well as different Principal Towns whilst helping to enhance the economic viability of LGCs and LSCs.</p> <p>SP8RA6 & SP8RA7 → could not accommodate a level of employment and economic development that regenerates local economies or enhances the viability of smaller settlements, therefore no discernible impact on the economy.</p> <p>SP8RA8 → would be likely to help lead to significant economic development in smaller and more rural settlements and thereby majorly enhance their viability going forwards. However, businesses in these locations may find it more difficult to compete and the more limited development in the City and Principal Towns could limit the regenerative impact of the CSPR on Bradford's economy and entrepreneurship. Therefore, likely to have little impact on the economy.</p> <p>Recommendations: <i>Larger greenfield sites should also consider including mixed-use/employment development</i></p>
19. Economy		SP8	+	Bradford district	T/R	LT	M	<p>SP8 & its alternatives → new homes, majority within the Regional City and Principal Towns → new residents with good access to Bradford's employment market.</p> <p>SP8 & its alternatives → construction of new homes → boost to housing market in Bradford → boost to local economy.</p> <p>SP8 & its alternatives → increase in local population of working-age → boost to local businesses.</p> <p>SP8 & its alternatives → help to ensure that employment land needs in Bradford can be met → increase in economic growth + more employment opportunities</p> <p>Greatest magnitude with SP8RA1.</p> <p>SP8RA4 & SP8RA5 → slightly more development directed towards smaller and more rural settlements than SP8 → new residents may have slightly more limited access to employment opportunities, therefore of lower magnitude than SP8.</p> <p>SP8RA6 & SP8RA7 → majority of development directed towards Regional City & Principal Towns + no Green Belt development → residents likely to have excellent access to employment</p>
		SP8RA1	+	Bradford district	T/R	LT	M	
		SP8RA2	O	n/a	n/a	n/a	H	
		SP8RA3	+	Bradford district	T/R	LT	M	
		SP8RA4	+	Bradford district	T/R	LT	L	
		SP8RA5	+	Bradford district	T/R	LT	L	
		SP8RA6	O	n/a	n/a	n/a	H	
		SP8RA7	O	n/a	n/a	n/a	H	
		SP8RA8	O	n/a	n/a	n/a	H	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
								<p>opportunities. However, unlikely that these options could accommodate enough new development to satisfy employment requirements so no impact on employment/economy.</p> <p>SP8RA8 → more development directed towards smaller and more rural settlements than all other options, likely with significant Green Belt release → residents likely to have limited access to employment opportunities with restricted sustainable transport options. Therefore, no discernible impact on employment.</p> <p>SP8, SP8RA4 & SP8RA5 → likely to facilitate economic regeneration of areas throughout the City as well as different Principal Towns whilst helping to enhance the economic viability of LGCs and LSCs.</p> <p>SP8RA6 & SP8RA7 → could not accommodate a level of employment and economic development that regenerates local economies or enhances the viability of smaller settlements, therefore no discernible impact on the economy.</p> <p>SP8RA8 → would be likely to help lead to significant economic development in smaller and more rural settlements and thereby majorly enhance their viability going forwards. However, businesses in these locations may find it more difficult to compete and the more limited development in the City and Principal Towns could limit the regenerative impact of the Local Plan on Bradford's economy and entrepreneurship. Therefore, likely to have little impact on the economy.</p> <p>Recommendations: <i>Larger greenfield sites should also consider including mixed-use/employment development</i></p>

Summary of, and assumptions in the assessment of, Strategic Policies (SP9 – SP16) Places and Communities

Policy SP9: Climate Change, Environmental Sustainability and Resource Uses is under review. The preferred policy outlines the aim for the District to achieve net zero carbon emissions by 2038. The reviewed policy would seek to ensure that planning decisions, strategies, investment, and programmes plan for the long-term resilience of Bradford to the impacts of climate change. This would include, where appropriate, reducing flood risk; enhancing vulnerable habitats, particularly blanket bog and woodland; incorporating Green Infrastructure into developments; securing improvements to public transport and active travel options; positioning development in a way that minimises the need to travel, and/or the need to travel by motor vehicles; and supporting the roll out of electric vehicle charging points. The policy would also factor impacts on natural resources into decision making and require new development to reduce its environmental impact by utilising natural light and solar energy; being energy efficient; taking opportunities to produce and/or access renewable energy; minimise water consumption; and make an effective use of land and buildings. Overall, SP9 would be expected to make a major contribution towards ensuring that Bradford continues with the transition towards a low-carbon economy and society whilst enhancing the resilience of the local area to the potential impacts of climate change. Indirect benefits on other topics would also be likely, such as benefits to the health of local people as a result of enhanced walking and cycling opportunities.

- **SP9 Reasonable Alternative 1 (SP9RA1):** Do not include a specific policy on climate change, instead making reference to it within other policies of the plan. Though the option would provide an integrated approach, it would be less strategic in scope.
- **SP9 Reasonable Alternative 2 (SP9RA2):** Do not include a specific target within the policy. This would not provide a specific, measurable focus to achieving reductions in greenhouse gas emissions as part of new developments, resulting in less ambition in making reductions in emissions.
- **SP9 Reasonable Alternative 3 (SP9RA3):** Adopting a more succinct policy with technical detail referenced to a new Supplementary Planning Document (SPD). There could be a risk that the policy would provide insufficient detail and the SPD may lack a useful planning policy framework. The SPD would enable the council to develop a detailed and robust approach to climate change which would be highly likely to ensure that Bradford continues with the transition towards a low-carbon economy.

Policy SP10: Green Infrastructure is under review. The preferred option would be to ensure that plans, policies, strategies, decisions, and investment supports and encourages the protection, maintenance, enhancement and extension of multi-functional spaces, routes and key areas of GI for recreational leisure, sustainable transport and biodiversity. The South Pennine Moors and Rivers Aire and Wharfe in particular are identified as Strategic GI assets. Development would be encouraged to link together areas and to create and maintain GI corridors where gaps exist, designing and integrating new/enhanced green infrastructure; achieving biodiversity net gains; and to seek opportunities to connect to existing walking and cycling networks and greenways. Bradford's GI network provides local people with a range of essential ecosystem services such as flood risk alleviation, access to biodiversity, improving air quality and sequestering carbon (alongside other forms of nutrient cycling), whilst also providing significant benefits to the local economy, such as by increasing footfall in town centres, society, such as by providing multi-functional spaces suitable for socialisation, and individual health, such as by enhanced active travel opportunities or better access to semi-natural habitats. The preferred option for SP10 would therefore be expected to result in highly beneficial impacts for all SA Objectives with significant positive impacts on objectives related to the natural environment being highly likely.

- **SP10 Reasonable Alternative 1 (S10RA1):** Do not review policy – this alternative would remain unchanged from the adopted Core Strategy policy. The key difference is that the version of the policy in the adopted Core Strategy does not require new development to identify opportunities for linking gaps in the GI network. It also offers less protection to green space and corridors that make a significant contribution to the GI network. Whilst SP10RA1 would have largely similar impacts as SP10 on most SA Objectives, these would likely be of a lower magnitude with less probability, particularly for the biodiversity themed objective.
- **SP10 Reasonable Alternative 2 (SP10RA2):** The policy includes a detailed map of GI in Bradford which identifies targeted areas for improvement – this may form part of a revised policy approach once the Bradford Green Infrastructure Strategy has been prepared. The policy could make specific reference to supporting the

actions set out in the Strategy..This alternative would have largely similar impacts as SP10 on most SA Objectives, these could be of a higher probability due to the greater certainty that mapping could offer.

- **SP10 Reasonable Alternative 3 (SP10RA3):** This alternative would lead to a more succinct format of the policy but would be supported by an SPD on GI. This could facilitate a more detailed and effective strategy for management of Bradford's GI network but could lack a more useful planning policy framework. SPDs can only provide more detailed guidance to established policies and so this approach may be of limited value in planning terms.

Policy SP11: South Pennine Moors is under review, subject to the outcomes of the HRA process. The intention of the policy is to be in line with the findings and outcomes of the HRA process. The policy establishes three zones around the SPA & SAC, Zone A, B and C, which are 400m, 2.5km and 7km from the SPA & SAC's boundary respectively. Within Zone A, no development involving a net increase in dwellings would be permitted. Within Zones B and C, development will be restricted and closely managed and monitored to avoid increased recreational pressures on the sensitive biodiversity designations. SP11 would be expected to make a major contribution towards protecting and enhancing the SAC & SPA.

- **SP11 Reasonable Alternative 1 (SP11RA1):** The alternative includes more minor changes to the policy for clarification. Effects will be the same as the preferred option, with maybe a little greater certainty.

Policy SP12: Strategic Planning for Minerals is a new policy. The policy will seek to balance the need for new mineral development and the protection of human and natural resources, while maintaining the supply of minerals to meet requirements. It will also seek to protect existing mineral extraction sites and identify new sites; safeguard key mineral resources to ensure they are not sterilised unnecessarily using Mineral Safeguarding Areas (MSAs); provide a policy for determining proposals for extraction of energy minerals; and support restoration and aftercare of mineral sites. Though the policy will help to continue to provide the minerals necessary to build homes, factories and offices, and transport infrastructure, therefore supporting economic growth and employment, mineral extraction can result in significant negative impacts on several themes of sustainability. The process can be a source of GHG emissions as well as pollution, which could be caused by the production of particulate matter affecting air quality and through the risk of contamination of nearby waterbodies. It could also result in soils of ecological value being lost and negative impacts on landscape character. Though the policy seeks to offer support for "sustainable minerals development, which meets key environmental criteria", being able to avoid or entirely mitigate a significant effect seems unlikely.

- **SP12 Reasonable Alternative 1 (SP12RA1):** the alternative would be to not include a specific policy, but to rely on national planning policy set out in the NPPF and Planning Practice Guidance. Impacts of the alternative are likely to be similar though less certain.

Policy SP13: Waste Management Infrastructure is a new policy. The policy would seek to establish a strategic waste management network in the District that would promote sustainable management of waste and recycling. It sets out an intention for waste to be managed in accordance with the waste management hierarchy of 1. Prevention, 2. Preparing for re-use, 3. Recycling, 4. Other recovery and 5. Disposal. The policy would require the Council to work collaboratively with partners and neighbouring authorities to help ensure a network of waste management facilities is established with enough capacity for all Commercial and Industrial (C&I) and Local Authority Collected Waste (LACW) arising in the District and ensure a co-operative cross-boundary approach. The policy sets out an intention for forecast waste arising to be managed in the most sustainable and environmental effective way possible and for Bradford to become net self-sufficient in waste management. The policy refers to the process of identifying waste management facilities that would be required to deal with all the waste arisings from LACW and C&I waste. The policy establishes the principles for identifying appropriate locations for waste management facilities, including the order of priority, and would ensure that all potential sites were subject to a detailed assessment that would consider their viability and their potential impacts on the surrounding environment.

The policy would be highly likely to increase the amount of waste that is re-used, recycled and recovered and therefore reduce the amount of waste sent to landfill. It could also lead to a reduction in the consumption of materials. Becoming net self-sufficient in waste management could reduce the need for waste to be transported long distances, such as to neighbouring authorities. Achieving this would require the delivery of new waste management facilities that could potentially result in negative impacts

on the natural environment, such as on water quality, air quality, biodiversity, ecological connectivity or distinctive landscapes (particularly if some or most of new facilities would be on greenfield land), although the likelihood and magnitude of these impacts is largely uncertain as it depends on the precise location of any new waste management facilities.

- **SP13 Reasonable Alternative 1 (SP13RA1):** Retain previous policies (WM1, WM2 and W2) in the adopted Core Strategy and Waste Management DPD. Impacts are likely to be similar, but the approach may be less integrated and would lack the strategic planning framework created by combining these previous policies.

Policy SP14: Quality Design is under review. The policy sets out the requirement to create high quality places and green, safe, inclusive and distinctive neighbourhoods. The policy would involve proposals understanding the sense of place and context of development; creating places with local identity which reflect the District's unique character and features; ensuring places are attractive for people to promote wellbeing and community life; providing well-connected green routes and spaces; ensuring buildings and places are designed in regard to accessibility and climate resilience and that there is a collaborative approach between planning and design. The policy would be highly likely to help ensure that development in Bradford has positive impacts on SA Objectives related to landscape, townscape, cultural heritage, transport and those related to communities and access.

- **SP14 Reasonable Alternative 1 (SP14RA1):** No update to policy. This would still provide a level of policy support for the 'SPD Homes and Neighbourhoods: a guide to designing in Bradford', but it would not be as comprehensive, therefore the impacts are likely to be of lower magnitude and probability.
- **SP14 Reasonable Alternative 2 (SP14RA2):** A more extensive re-write of the policy to more closely follow the structure in 'SPD Homes and Neighbourhoods: a guide to designing in Bradford'. This would allow for easy cross-referencing but could overlap with other related policies and require a rethink of the plan structure.

Policy SP15: Healthy Places is under review. The preferred option is for a policy that seeks to ensure new development maximises health and wellbeing gains, with negative impacts avoided or mitigated, including by enabling and prioritising active travel; contributing towards safe, inclusive and welcoming neighbourhoods; reducing negative impacts on the causes of climate change; minimising exposure to pollutants; supporting the delivery of high quality housing, jobs and key services; protecting and improvement multi-functional green spaces, therapeutic environments, and areas allowing for intergenerational play; allowing people to create a positive food environment; developer contributions towards new or enhance health care facilities; an ensuring additional health care facilities are accessible via public transport. Major development proposals would also need to ensure the delivery of healthy places and be supported by an HIA. The preferred option for this new policy would be likely to lead to positive impacts on a range of SA Objectives beyond just the health objective due to the sought enhancements for safety, sustainable movement, green spaces, new homes, new jobs and new community services.

- **SP15 Reasonable Alternative 1 (SP15RA1):** The first alternative would be to have no policy. This alternative would result in no impacts on the SA Objectives.
- **SP15 Reasonable Alternative 2 (SP15RA2):** The second alternative for SP15 would be to have a policy where the HIA is further developed and integrated within it, creating a more development management oriented policy.
- **SP15 Reasonable Alternative 3 (SP15RA3):** The third alternative would be to reduce the scale of the policy and refer to an SPD focussed on this topic for supporting detail. This could enable a more detailed and effective approach towards delivering healthy places in Bradford but runs the risk of lacking a useful planning policy framework.

Policy SP16: Working Together is under review. The policy sets out a commitment to effective collaboration between the Council and adjoining planning authorities, Town and Parish Councils, partners, stakeholders and communities within Bradford and the surrounding region. The intention is to ensure that planning decisions, plans, strategies, investment and programmes are effective in supporting investment and continued regeneration; addressing housing and employment needs and balancing them; realising the full potential of the West Yorkshire Devolution Deal and Leeds City Region; managing and enhancing the environment and landscape, including in regard to addressing climate change; attracting new investment into and enhancing sustainable transport modes including infrastructure; and creating conditions and opportunities for

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balanced growth. SP16 also sets out a commitment to effective discharge of duty to cooperate in order to address cross-boundary issues, align development, and coordinate investment. The policy would be expected to help ensure that the economic, social and environmental opportunities that new development brings are effectively delivered at neighbourhood, district and regional scales.

- **SP16 Reasonable Alternative 1 (SP16RA1):** The reasonable alternative considered for this policy included a more limited range of changes, which did not align fully to the changing context within which the policy is drafted. Impacts are likely to be similar to SP16 but of lower magnitude and probability.

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
1. Energy & GHGs		SP9	++	Bradford District	T/R	LT	M	SP9, SP9RA2 & SP9RA3 → support the roll out of electric charging points + aim to reduce emissions through securing improvements to active & public transport options → reduction in associated GHGs.
		SP9RA1	+	Bradford District	T/R	LT	L	
		SP9RA2	+	Bradford District	T/R	LT	L	
		SP9RA3	++	Bradford District	T/R	LT	M	SP9 → support carbon reduction through a defined and ambitious carbon reduction target (e.g. going carbon neutral) → significant reduction in energy consumption and GHG emissions.
		SP10	+	Bradford District	T/R	LT	M	
		SP10RA1	+	Bradford District	T/R	LT	L	SP9RA3 → SPD on climate change → potentially more detailed & effective strategy for reducing carbon footprint.
		SP10RA2	+	Bradford District	T/R	LT	H	
		SP10RA3	+	Bradford District	T/R	LT	H	SP10, SP11 & their alternatives → protection and enhancement of GI, green spaces and greenfield which are important sequesters of carbon → carbon sinks in Bradford protected and enhanced. SP10RA2 would likely provide greater protection than SP10 or SP10RA1.
		SP11	+	Bradford District	T/R	LT	M	
		SP11RA1	+	Bradford District	T/R	LT	M	
		SP12	--	Bradford District/National	P/I	LT	H	SP12 → new sites may be developed on green sites and on greenfield land which are important sequesters of carbon → precise location of the new sites is uncertain → impacts on this SA Objective in relation to green spaces/greenfield land are uncertain as impacts depend on where new sites are located.
		SP12RA1	--	Bradford District/National	P/I	LT	H	
		SP13	-	National	P/I	LT	M	SP12 → permits and encourages continuation of energy intensive extraction industry + increase in HGV traffic for future transportation of minerals → increase in GHG emissions.
		SP13RA1	-	National	P/I	LT	M	
		SP14	++	Bradford District	T/R	LT	M	SP12 → future extraction of coal and hydrocarbons → consumption of fossil fuels → major source of GHGs.
		SP14RA1	+	Bradford District	T/R	LT	L	
		SP14RA2	++	Bradford District	T/R	LT	M	SP13 & SP13RA1 → seek to establish new waste management facilities → construction and operation of additional facilities → increase GHG emissions.
SP15	+	Bradford District	T/R	LT	M	SP13 & SP13RA1 → reduced transportation distances for waste → reduction in associated GHG emissions.		
SP15RA1	O	n/a	n/a	n/a	H			
SP15RA2	+	Bradford District	T/R	LT	H			

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		SP15RA3	+	Bradford District	T/R	LT	M	SP15, SP15RA2, SP15RA3, SP14 & its alternatives → improved walking, cycling and public transport accessibility at new developments → positive contribution towards District's transition to a low-carbon transport sector. SP14RA1 would provide benefits of lower magnitude and certainty. SP15RA1 → no policy → no discernible impacts. SP16 & SP16RA1 → enhancements sustainable transport modes → reduction in associated GHGs Recommendations: <i>SP12 could focus on protecting existing extractions sites to reduce need to identify new sites, which may be in greenfield areas.</i>
		SP16	+	Wider Leeds Region	T/R	LT	M	
		SP16RA1	+	Wider Leeds Region	T/R	LT	L	
2. Waste		SP9	+	Bradford District	T/R	LT	M	SP9, SP9RA2 & SP9RA3 → encourage conversion of existing buildings and reuse of PDL → waste reduction. SP9RA1 → similar impact to SP9 but integrated with other policies, therefore it would likely have an impact of less magnitude and probability. SP10 & its alternatives, SP11, SP11RA1, SP16 & SP16RA1 → no discernible impacts. SP12 → new/continued mineral extraction → large quantities of waste materials produced. SP13 & SP13RA1 → increase reusing, recycling & composting → significantly reduce waste sent to landfill. SP13 & SP13RA1 → results in a strategic and integrated waste management plan. SP15, SP15RA2, SP15RA3, SP14 & alternatives → encourage efficient use of land and materials → reduction in waste generated from construction. SP14RA1 would provide benefits of lower magnitude and certainty. SP15RA1 → no policy → no discernible impacts Recommendations: <i>SP9 could seek to incorporate waste and achieving high rates of recycling as a priority for new development. SP15 could encourage proposals to ensure that new residents or site-users are able to conveniently recycle & compost in a manner that avoids adverse health impacts.</i>
		SP9RA1	+	Bradford District	T/R	LT	L	
		SP9RA2	+	Bradford District	T/R	LT	M	
		SP9RA3	+	Bradford District	T/R	LT	M	
		SP10	O	n/a	n/a	n/a	H	
		SP10RA1	O	n/a	n/a	n/a	H	
		SP10RA2	O	n/a	n/a	n/a	H	
		SP10RA3	O	n/a	n/a	n/a	H	
		SP11	O	n/a	n/a	n/a	H	
		SP11RA1	O	n/a	n/a	n/a	H	
		SP12	-	Bradford District	P/I	LT	M	
		SP12RA1	-	Bradford District	P/I	LT	M	
		SP13	++	Bradford District	T/R	LT	H	
		SP13RA1	++	Bradford District	T/R	LT	M	
		SP14	+	Bradford District	T/R	LT	M	
		SP14RA1	+	Bradford District	T/R	LT	L	
		SP14RA2	+	Bradford District	T/R	LT	M	
		SP15	+	Bradford District	T/R	LT	M	
		SP15RA1	O	n/a	n/a	n/a	H	
SP15RA2	+	Bradford District	T/R	LT	H			
SP15RA3	+	Bradford District	T/R	LT	M			
SP16	O	n/a	n/a	n/a	H			
SP16RA1	O	n/a	n/a	n/a	H			
3. Land & buildings		SP9	++	Bradford District	T/R	LT	M	SP9, SP9RA1, SP9RA2 & SP9RA3 → ensure the most effective use of land, through the conversion of existing buildings and reuse of previously developed land. SP9RA1 impacts would be integrates with other policies, therefore the benefit would be of less magnitude and probability. SP10 & its alternatives, SP11, SP11RA1 → protected and enhanced GI elements and green spaces → greenfield land potentially protected and enhanced = efficient management of land. SP12 → new mineral extraction → permanent loss of greenfield ecologically valuable land and soils. SP13 & SP13RA1 → development of new waste management facilities → loss of greenfield & Green Belt land. Mitigated to some extent by commitment of assessment of environmental impacts.
		SP9RA1	+	Bradford District	T/R	LT	L	
		SP9RA2	++	Bradford District	T/R	LT	M	
		SP9RA3	++	Bradford District	T/R	LT	M	
		SP10	+	Bradford District	T/R	LT	M	
		SP10RA1	+	Bradford District	T/R	LT	L	
		SP10RA2	+	Bradford District	T/R	LT	H	
		SP10RA3	+	Bradford District	T/R	LT	H	
		SP11	+	Bradford District	T/R	LT	M	
		SP11RA1	+	Bradford District	T/R	LT	M	
		SP12	--	Bradford District	P/I	LT	M	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		SP12RA1	--	Bradford District	P/I	LT	M	<p>SP15, SP15RA2, SP15RA3, SP14 & alternatives → protected and enhanced GI in development → potential for open space being preserved in developments → sustainable management of land. SP14RA1 would provide benefits of lower magnitude and certainty.</p> <p>SP16 & SP16RA1 → no discernible impacts</p> <p>SP15RA1 → no policy → no discernible impacts.</p> <p>Recommendations: None</p>
		SP13	-	Bradford District	P/I	LT	L	
		SP13RA1	-	Bradford District	P/I	LT	L	
		SP14	+	Bradford District	T/R	LT	M	
		SP14RA1	+	Bradford District	T/R	LT	L	
		SP14RA2	+	Bradford District	T/R	LT	M	
		SP15	+	Bradford District	T/R	LT	M	
		SP15RA1	O	n/a	n/a	n/a	H	
		SP15RA2	+	Bradford District	T/R	LT	H	
		SP15RA3	+	Bradford District	T/R	LT	M	
		SP16	O	n/a	n/a	n/a	H	
SP16RA1	O	n/a	n/a	n/a	H			
4. Climate change vulnerability		SP9	++	Bradford District	T/R	LT	M	<p>SP9, SP9RA1, SP9RA2 & SP9RA3 → work with partners and local communities to reduce and manage all sources of flooding + support the expansion of habitats (e.g. blanket bogs and wood land) + ensure GI is implemented where appropriate + maximise SuDs → increase interception and storage of rainwater → reduce flood risk. SP9RA1 would have similar benefits but they would be integrated into other policies, therefore magnitude and probability of impacts would be less.</p> <p>SP10 & its alternatives & SP11, SP11RA1 → protected and enhanced open green spaces and important habitats → above ground vegetation & permeable soils protected and enhanced → enhanced sustainable management of flood risk. SP10RA2 would likely to do so more than SP10, SP10RA1 or SP10RA3.</p> <p>SP12 → new extraction sites → loss of vegetation and permeable surfaces → exacerbated flood risk in the local area.</p> <p>SP13 & SP13RA1 → new waste management facility sites → potential loss of vegetation and permeable surfaces → exacerbated flood risk in the local area. Mitigated to some extent by commitment of assessment of environmental impacts.</p> <p>SP15, SP15RA2, SP15RA3, SP14 & alternatives → protected and enhanced GI in development → potential for open space being preserved in developments & incorporation of above ground vegetation → potential for enhanced sustainable management of flood risk. SP14RA1 would provide benefits of lower magnitude and certainty.</p> <p>SP15 & SP15RA2 → includes requirement for proposals to contribute to 'measures that mitigate against the effects of climate change' → likely to include measures that mitigate risk and impacts of flooding. Uncertain if this would be included in SP15RA3.</p> <p>SP15RA1 → no policy → no discernible impacts.</p> <p>SP16 & SP16RA1 → effective environmental management and enhancement in order to address climate change + ensure landscape and environmental management and enhancement → contribute to reducing flood risk.</p> <p>Recommendations: None</p>
		SP9RA1	+	Bradford District	T/R	LT	L	
		SP9RA2	++	Bradford District	T/R	LT	M	
		SP9RA3	++	Bradford District	T/R	LT	M	
		SP10	+	Bradford District	T/R	LT	M	
		SP10RA1	+	Bradford District	T/R	LT	L	
		SP10RA2	+	Bradford District	T/R	LT	H	
		SP10RA3	+	Bradford District	T/R	LT	H	
		SP11	+	Bradford District	T/R	LT	M	
		Sp11ra1	+	Bradford District	T/R	LT	M	
		SP12	-	Bradford District	P/I	LT	M	
		SP12RA1	-	Bradford District	P/I	LT	M	
		SP13	-	Bradford District	P/I	LT	L	
		SP13RA1	-	Bradford District	P/I	LT	L	
		SP14	+	Bradford District	T/R	LT	M	
		SP14RA1	+	Bradford District	T/R	LT	L	
		SP14RA2	+	Bradford District	T/R	LT	M	
		SP15	++	Bradford District	T/R	LT	M	
		SP15RA1	O	n/a	n/a	n/a	H	
		SP15RA2	++	Bradford District	T/R	LT	M	
SP15RA3	+	Bradford District	T/R	LT	L			
SP16	+	Wider Leeds Region	T/R	LT	M			
SP16RA1	+	Wider Leeds Region	T/R	LT	L			
5. Water resources		SP9	++	Bradford District	T/R	LT	M	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		SP9RA1	+	Bradford District	T/R	LT	L	<p>SP9, SP9RA1, SP9RA2 & SP9RA3 → ensure new developments use resources sustainably → minimise water consumption and maximise water recycling. SP9RA1 would have similar benefits but they would be integrated into other policies, therefore magnitude and probability of impacts would be less.</p> <p>SP10 & its alternatives & SP11, SP11RA1 → protected and enhanced open green spaces and important habitats → above ground vegetation & permeable soils protected and enhanced → protection of quality of local waterbodies and overland flow.</p> <p>SP12 → new extraction sites → significant consumption of water at sites → pressure on water resources</p> <p>SP12 → new extraction sites → major pollution + contamination risk of natural waterbodies.</p> <p>SP13 & SP13RA1 → new waste management facilities could be near natural waterbodies → potential pollution & contamination risk of water during construction & operation of waste management facilities. Mitigated to some extent by commitment of assessment of environmental impacts.</p> <p>SP15, SP15RA2, SP15RA3, SP14 & alternatives → protected and enhanced GI in development → potential for open space being preserved in developments & incorporation of above ground vegetation → potential for protection of quality of local waterbodies and overland flow. SP14RA1 would provide benefits of lower magnitude and certainty.</p> <p>SP15RA1 → no policy → no discernible impacts.</p> <p>Recommendations: None</p>
		SP9RA2	++	Bradford District	T/R	LT	L	
		SP9RA3	++	Bradford District	T/R	LT	M	
		SP10	+	Bradford District	T/R	LT	M	
		SP10RA1	+	Bradford District	T/R	LT	L	
		SP10RA2	+	Bradford District	T/R	LT	H	
		SP10RA3	+	Bradford District	T/R	LT	H	
		SP11	+	Bradford District	T/R	LT	M	
		SP11RA1	+	Bradford District	T/R	LT	M	
		SP12	--	Bradford District	T/R	LT	M	
		SP12RA1	--	Bradford District	T/R	LT	M	
		SP13	-	Bradford District	T/R	LT	M	
		SP13RA1	-	Bradford District	T/R	LT	M	
		SP14	+	Bradford District	T/R	LT	M	
		SP14RA1	+	Bradford District	T/R	LT	L	
		SP14RA2	+	Bradford District	T/R	LT	M	
		SP15	+	Bradford District	T/R	LT	M	
		SP15RA1	O	n/a	n/a	n/a	H	
SP15RA2	+	Bradford District	T/R	LT	M			
SP15RA3	+	Bradford District	T/R	LT	M			
SP16	O	n/a	n/a	n/a	H			
SP16RA1	O	n/a	n/a	n/a	H			
6. Biodiversity & geodiversity		SP9	++	Bradford District	T/R	LT	M	<p>SP9, SP9RA1, SP92RA2 & SP9RA3 → facilitate the management and expansion of vulnerable habitats, which also benefits at risk species + integrate GI into new and regeneration projects → maintain, protect and enhance natural habitats. SP9RA1 would have similar benefits but they would be integrated into other policies, therefore magnitude and probability of impacts would be less.</p> <p>SP10 & its alternatives & SP11, SP11RA1 → protected and enhanced green spaces, GI and important habitats → protected and enhanced biodiversity & ecological connectivity.</p> <p>SP12 → new extraction sites may be on previously undeveloped land in rural locations → direct loss of habitat & topsoil + reduction in ecological connectivity.</p> <p>SP12 → new extraction sites → air and water pollution → indirect on species & habitats.</p> <p>SP12 → high quality aftercare and restoration of mineral sites → potential for after uses that are beneficial for the environment.</p> <p>SP13 & SP13RA1 → potential for development to be on greenfield land → loss of greenfield → loss of biodiversity and geodiversity & reduction in ecological connectivity. Mitigated to some extent by commitment for detailed assessment on potential impacts on the surrounding environment.</p>
		SP9RA1	+	Bradford District	T/R	LT	L	
		SP9RA2	++	Bradford District	T/R	LT	L	
		SP9RA3	++	Bradford District	T/R	LT	M	
		SP10	++	Bradford District	T/R	LT	M	
		SP10RA1	++	Bradford District	T/R	LT	L	
		SP10RA2	++	Bradford District	T/R	LT	H	
		SP10RA3	++	Bradford District	T/R	LT	H	
		SP11	++	Bradford District	T/R	LT	M	
		SP11RA1	++	Bradford District	T/R	LT	M	
		SP12	--	Bradford District	P/I	LT	M	
		SP12RA1	--	Bradford District	P/I	LT	M	
		SP13	-	Bradford District	T/R	LT	M	
		SP13RA1	-	Bradford District	T/R	LT	M	
		SP14	+	Bradford District	T/R	LT	M	
		SP14RA1	+	Bradford District	T/R	LT	L	
		SP14RA2	+	Bradford District	T/R	LT	M	
		SP15	+	Bradford District	T/R	LT	M	
SP15RA1	O	n/a	n/a	n/a	H			
SP15RA2	+	Bradford District	T/R	LT	M			
SP15RA3	+	Bradford District	T/R	LT	M			

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob	Summary of effects Recommendations for avoidance, mitigation or enhancement
		SP16	+	Wider Leeds Region	T/R	LT	M	<p>SP15, SP15RA2, SP15RA3, SP14 & alternatives → protected and enhanced GI in development → potential for development to enhance biodiversity value of sites and their role in ecological connectivity. SP14RA1 would provide benefits of lower magnitude and certainty.</p> <p>SP15RA1 → no policy → no discernible impacts.</p> <p>SP16 & SP16RA1 → seek to ensure environmental management and enhancement.</p> <p>Recommendations: None</p>
		SP16RA1	+	Wider Leeds Region	T/R	LT	L	
7. Landscape & townscape		SP9	+	Bradford District	T/R	LT	M	<p>SP9, SP9RA1, SP9RA2 & SP9RA3 → facilitate the management, enhancement, and expansion of vulnerable habitats + integrate GI into new and regeneration projects → protect and enhance natural and built landscapes. SP9RA1 would have similar benefits but they would be integrated into other policies, therefore magnitude and probability of impacts would be less.</p> <p>SP10 & its alternatives & SP11, SP11RA1 → protected and enhanced green spaces, GI and important habitats → protection and enhancement of distinctive natural landscapes. SP10RA2 likely to have slightly more beneficial impacts than SP10, SP10RA1 and SP10RA3 over time.</p> <p>SP12 → potential new extraction sites on previously undeveloped land in rural locations → significantly discordant with character of natural landscapes + avoidance of impacts on townscapes.</p> <p>SP12 → supports a traditional industry in Bradford and the wider region.</p> <p>SP13 & SP13RA1 → improved waste management → clean environment → protect townscape character.</p> <p>SP15, SP15RA2, SP15RA3, SP14 & alternatives → high-quality design of development that respects, protects, and enhances local character → enhancements to townscape character. SP14RA1 would provide benefits of lower magnitude and certainty.</p> <p>SP13 % SP13RA1 → new waste management facilities on greenfield & Green Belt → risk of negative impacts on distinctive character of natural landscapes and local townscapes e.g. due to loss of open space & GI, and also on setting of nearby cultural heritage assets.</p> <p>SP15RA1 → no policy → no discernible impacts.</p> <p>SP16 & SP16RA1 → seek to ensure environmental management and enhancement.</p> <p>Recommendations: None</p>
		SP9RA1	+	Bradford District	T/R	LT	L	
		SP9RA2	+	Bradford District	T/R	LT	M	
		SP9RA3	+	Bradford District	T/R	LT	M	
		SP10	++	Bradford District	T/R	LT	M	
		SP10RA1	++	Bradford District	T/R	LT	L	
		SP10RA2	++	Bradford District	T/R	LT	H	
		SP10RA3	++	Bradford District	T/R	LT	H	
		SP11	++	Bradford District	T/R	LT	M	
		SP11RA1	++	Bradford District	T/R	LT	M	
		SP12	--	Bradford District	P/I	LT	H	
		SP12RA1	--	Bradford District	P/I	LT	M	
		SP13	-	Bradford District	T/R	LT	M	
		SP13RA1	-	Bradford District	T/R	LT	M	
		SP14	++	Bradford District	T/R	LT	M	
		SP14RA1	+	Bradford District	T/R	LT	L	
		SP14RA2	++	Bradford District	T/R	LT	M	
		SP15	++	Bradford District	T/R	LT	M	
	SP15RA1	O	n/a	n/a	n/a	H		
	SP15RA2	++	Bradford District	T/R	LT	M		
	SP15RA3	++	Bradford District	T/R	LT	M		
	SP16	+	Wider Leeds Region	T/R	LT	M		
	SP16RA1	+	Wider Leeds Region	T/R	LT	L		
8. Cultural heritage		SP9	+	Bradford District	T/R	LT	M	<p>SP10 & its alternatives & SP11, SP11RA1 → protected and enhanced green spaces, GI and important habitats → potential for protection and enhancement of setting of nearby heritage assets or historic areas. SP10RA2 likely to have slightly more beneficial impacts than SP10, SP10RA1 and SP10RA3 over time.</p> <p>SP12 → potential new extraction sites on previously undeveloped land in rural locations → significantly discordant with character of natural landscapes + avoidance of impacts on townscapes.</p> <p>SP12 → supports a traditional industry in Bradford and the wider region.</p>
		SP9RA1	+	Bradford District	T/R	LT	L	
		SP9RA2	+	Bradford District	T/R	LT	M	
		SP9RA3	+	Bradford District	T/R	LT	M	
		SP10	+	Bradford District	T/R	LT	M	
		SP10RA1	+	Bradford District	T/R	LT	L	
		SP10RA2	+	Bradford District	T/R	LT	H	
		SP10RA3	+	Bradford District	T/R	LT	H	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
		SP11	+	Bradford District	T/R	LT	M	<p>SP13 & SP13RA1 → improved waste management → clean environment → protect townscape character.</p> <p>SP15, SP15RA2, SP15RA3, SP14 & alternatives → high-quality design of development that respects, protects, and enhances local character → protecting and enhancing the setting of heritage assets & historic areas. SP14RA1 would provide benefits of lower magnitude and certainty.</p> <p>SP13 % SP13RA1 → new waste management facilities on greenfield & Green Belt → risk of negative impacts on distinctive character of natural landscapes and local townscapes e.g. due to loss of open space & GI, and also on setting of nearby cultural heritage assets.</p> <p>SP15RA1 → no policy → no discernible impacts.</p> <p>SP16 & SP16RA1 → seek to ensure environmental management and enhancement.</p> <p>Recommendations: None</p>
		SP11RA1	+	Bradford District	T/R	LT	M	
		SP12	+	Bradford District	T/R	LT	H	
		SP12RA1	+	Bradford District	T/R	LT	M	
		SP13	-	Bradford District	T/R	LT	M	
		SP13RA1	-	Bradford District	T/R	LT	M	
		SP14	++	Bradford District	T/R	LT	M	
		SP14RA1	+	Bradford District	T/R	LT	L	
		SP14RA2	++	Bradford District	T/R	LT	M	
		SP15	++	Bradford District	T/R	LT	M	
		SP15RA1	O	n/a	n/a	n/a	H	
		SP15RA2	++	Bradford District	T/R	LT	M	
		SP15RA3	++	Bradford District	T/R	LT	M	
SP16	+	Wider Leeds Region	T/R	LT	M			
SP16RA1	+	Wider Leeds Region	T/R	LT	L			
9. Air quality		SP9	++	Bradford District	T/R	LT	M	<p>SP9, SP9RA1, SP9RA2 & SP9RA3 → support renewable energy generation & energy efficiency → reduction in air pollution associated with energy generation & consumption. SP9RA1 would have similar benefits but they would be integrated into other policies, therefore magnitude and probability of impacts would be less.</p> <p>SP9, SP9RA1, SP9RA2 & SP9RA3 → improvements to public transport & active transport options + supports roll out of electric car charging points → more sustainable movements + reduced congestion → improved air quality. SP9RA1 would have similar benefits but they would be integrated into other policies, therefore magnitude and probability of impacts would be less.</p> <p>SP10 & its alternatives, SP11, SP11RA1 & SP14 → greenfield, habitats and GI protected and enhanced → protection and enhancement of air quality improvement ecosystem service. SP10RA2 potentially slightly greater positive impact than SP10, SP10RA1 & SP10RA3.</p> <p>SP15, SP15RA2, SP15RA3, SP14 & alternatives → encourage development that facilitates walking, cycling and public transport uptake, development that provides people with good access to key services and facilities → reduced travel times, congestion + more sustainable forms of movement → reduction in associated air pollution. SP14RA1 & SP9RA1 would provide benefits of lower magnitude and certainty.</p> <p>SP15, SP15RA2 & SP15RA3 → encourage development that minimises exposure of people to air pollution → likely to include mechanisms that both protect people from impacts of air pollution as well as mechanisms that improve air quality.</p> <p>SP13 & SP13RA1 → construction & operation of new waste management facilities → increase air pollution including particulate matter pollution.</p> <p>SP13 & SP13RA1 → management facilities closer to waste arisings → waste transported shorter distances → reduced HGV journeys → reduce air pollution associate with this.</p> <p>SP15RA1 → no policy → no discernible impacts.</p>
		SP9RA1	+	Bradford District	T/R	LT	L	
		SP9RA2	++	Bradford District	T/R	LT	M	
		SP9RA3	++	Bradford District	T/R	LT	M	
		SP10	+	Bradford District	T/R	LT	M	
		SP10RA1	+	Bradford District	T/R	LT	L	
		SP10RA2	+	Bradford District	T/R	LT	H	
		SP10RA3	+	Bradford District	T/R	LT	H	
		SP11	+	Bradford District	T/R	LT	M	
		SP11RA1	+	Bradford District	T/R	LT	M	
		SP12	--	Bradford District	T/R	LT	H	
		SP12RA1	--	Bradford District	T/R	LT	M	
		SP13	-	Bradford District	T/R	LT	M	
		SP13RA1	-	Bradford District	T/R	LT	M	
		SP14	++	Bradford District	T/R	LT	M	
		SP14RA1	+	Bradford District	T/R	LT	L	
		SP14RA2	++	Bradford District	T/R	LT	M	
		SP15	++	Bradford District	T/R	LT	M	
		SP15RA1	O	n/a	n/a	n/a	H	
		SP15RA2	++	Bradford District	T/R	LT	M	
SP15RA3	++	Bradford District	T/R	LT	M			
SP16	+	Wider Leeds Region	T/R	LT	M			
SP16RA1	+	Wider Leeds Region	T/R	LT	L			

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
								<p>SP12 → new extraction sites → energy intensive extraction + increase in HGV activity → increased air pollution, including dust/particulates.</p> <p>SP12 → supports future extraction of fossil fuels → consumption of fossil fuels → air pollution.</p> <p>SP16 & SP16RA1 → enhanced sustainable transport → increased uptake of sustainable transport options → reduction in air pollution associated with transport</p> <p>Recommendations: None</p>
10. Transport		SP9	++	Bradford District	T/R	LT	M	<p>SP9, SP9RA1, SP9RA2 & SP9RA3 → improvements to public transport & active transport options + supports roll out of electric car charging points → more sustainable movements + reduced congestion. SP9RA1 would have similar benefits but they would be integrated into other policies, therefore magnitude and probability of impacts would be less.</p> <p>SP15, SP15RA2, SP15RA3, SP14 & alternatives → encourage development that facilitates walking, cycling and public transport uptake, development that provides people with good access to key services and facilities → reduced travel times, congestion + more sustainable forms of movement. SP14RA1 & SP9RA1 would provide benefits of lower magnitude and certainty.</p> <p>SP10 & its alternatives & SP11 → no discernible impacts on transport.</p> <p>SP13 & SP13RA1 → shorter journeys for waste transportation vehicles → potentially less congestion associated with waste transport vehicles.</p> <p>SP13 & SP13RA1 → Bradford self-sufficient in waste management → waste transportation vehicles stay within the District → potential increase in associated congestion.</p> <p>SP15RA1 → no policy → no discernible impacts.</p> <p>SP12 → supports quarrying/mineral extraction industry → increased HGV activity → potential impacts on congestion, particularly if HGV activity increases in relatively rural locations on narrow roads or country lanes.</p> <p>SP16 & SP16RA1 → enhanced sustainable transport → increased uptake of sustainable transport options → reduced congestion.</p> <p>Recommendations: None</p>
		SP9RA1	+	Bradford District	T/R	LT	L	
		SP9RA2	++	Bradford District	T/R	LT	M	
		SP9RA3	++	Bradford District	T/R	LT	M	
		SP10	O	n/a	n/a	n/a	H	
		SP10RA1	O	n/a	n/a	n/a	H	
		SP10RA2	O	n/a	n/a	n/a	H	
		SP10RA3	O	n/a	n/a	n/a	H	
		SP11	O	n/a	n/a	n/a	H	
		SP11RA1	O	n/a	n/a	n/a	H	
		SP12	-	Bradford District	T/R	LT	M	
		SP12RA1	-	Bradford District	T/R	LT	M	
		SP13	+/-	Bradford District	T/R	LT	L	
		SP13RA1	+/-	Bradford District	T/R	LT	L	
		SP14	++	Bradford District	T/R	LT	M	
		SP14RA1	+	Bradford District	T/R	LT	L	
		SP14RA2	++	Bradford District	T/R	LT	M	
		SP15	++	Bradford District	T/R	LT	M	
		SP15RA1	O	n/a	n/a	n/a	H	
SP15RA2	++	Bradford District	T/R	LT	M			
SP15RA3	++	Bradford District	T/R	LT	M			
SP16	+	Wider Leeds Region	T/R	LT	M			
SP16RA1	+	Wider Leeds Region	T/R	LT	L			
11. Housing		SP9	+	Bradford District	T/R	LT	M	<p>SP9, SP9RA1, SP9RA2 & SP9RA3 → provision of renewable energies at new developments + GI at new development → sustainable and resilient housing and communities. SP9RA1 would have similar benefits but they would be integrated into other policies, therefore magnitude and probability of impacts would be less.</p> <p>SP10 & its alternatives, SP11, SP11RA1, SP13 & SP13RA1 → no discernible impacts.</p> <p>SP12 → MSAs temporarily reduce land availability for housing developments.</p>
		SP9RA1	+	Bradford District	T/R	LT	L	
		SP9RA2	+	Bradford District	T/R	LT	M	
		SP9RA3	+	Bradford District	T/R	LT	M	
		SP10	O	n/a	n/a	n/a	H	
		SP10RA1	O	n/a	n/a	n/a	H	
		SP10RA2	O	n/a	n/a	n/a	H	
		SP10RA3	O	n/a	n/a	n/a	H	
SP11	O	n/a	n/a	n/a	H			

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>	
		SP11RA1	O	n/a	n/a	n/a	H	<p>SP15, SP15RA2, SP15RA3, SP14 & alternatives → encourage residential development + require proposals to ensure people can live comfortable, high-quality, safe and healthy lifestyles at home + require development to be accessible for people of all abilities. SP14RA1 would provide benefits of lower magnitude and certainty.</p> <p>SP15RA1 → no policy → no discernible impacts.</p> <p>SP16 & SP16RA1 → manage economic growth and housing growth → ensure the balance between housing and employment opportunities → ensures there is sufficient housing to meet demand.</p> <p>Recommendations: None</p>	
		SP12	-	Bradford District	T/R	LT	M		
		SP12RA1	-	Bradford District	T/R	LT	M		
		SP13	O	n/a	n/a	n/a	n/a		H
		SP13RA1	O	n/a	n/a	n/a	n/a		H
		SP14	++	Bradford District	T/R	LT	M		
		SP14RA1	+	Bradford District	T/R	LT	L		
		SP14RA2	++	Bradford District	T/R	LT	M		
		SP15	++	Bradford District	T/R	LT	M		
		SP15RA1	O	n/a	n/a	n/a	n/a		H
		SP15RA2	++	Bradford District	T/R	LT	M		
		SP15RA3	++	Bradford District	T/R	LT	M		
		SP16	+	Wider Leeds Region	T/R	LT	M		
SP16RA1	+	Wider Leeds Region	T/R	LT	L				
12. Range of accessible services		SP9	+	Bradford District	T/R	LT	M	<p>SP10, SP9 & alternatives → support development with opportunities for the delivery of GI and improvements to public transport and facilities for walking and cycling → ensures accessibility to services + supports active travel → encourages physical activity → improve fitness levels.</p> <p>SP11, SP11RA1 → no discernible impacts on the range of accessible services.</p> <p>SP13 & SP13RA1 → no discernible impacts on range of accessible services</p> <p>SP12 → no discernible impact on accessible services</p> <p>SP10 & alternatives, SP14 & alternatives, SP15, SP15RA2 & SP15RA3 → encourage proposals to provide well-connected networks for movement + inclusive & safe neighbourhoods + multi-functional greenspaces + provision of new health facilities → future residential development likely to facilitate enhanced access to services, facilities. SP14RA1 would provide benefits of lower magnitude and certainty.</p> <p>SP10 & alternatives, SP9 & alternatives & SP16 → supports & enhances sustainable and active transport options → improved accessibility of facilities and services.</p> <p>SP15RA1 → no policy → no discernible impacts.</p> <p>SP16 → ensure the balance between housing and employment opportunities + support economic growth → ensure the provision of adequate economic networks.</p> <p>SP16RA1 → similar impacts as SP16 but of lower magnitude and certainty.</p> <p>Recommendations: None</p>	
		SP9RA1	+	Bradford District	T/R	LT	L		
		SP9RA2	+	Bradford District	T/R	LT	M		
		SP9RA3	+	Bradford District	T/R	LT	M		
		SP10	+	Bradford District	T/R	LT	L		
		SP10RA1	+	Bradford District	T/R	LT	L		
		SP10RA2	+	Bradford District	T/R	LT	L		
		SP10RA3	+	Bradford District	T/R	LT	L		
		SP11	O	n/a	n/a	n/a	n/a		H
		SP11RA1	O	n/a	n/a	n/a	n/a		H
		SP12	O	n/a	n/a	n/a	n/a		H
		SP12RA1	O	n/a	n/a	n/a	n/a		H
		SP13	O	n/a	n/a	n/a	n/a		H
		SP13RA1	O	n/a	n/a	n/a	n/a		H
		SP14	++	Bradford District	T/R	LT	M		
		SP14RA1	+	Bradford District	T/R	LT	L		
		SP14RA2	++	Bradford District	T/R	LT	M		
		SP15	++	Bradford District	T/R	LT	M		
		SP15RA1	O	n/a	n/a	n/a	n/a		H
		SP15RA2	++	Bradford District	T/R	LT	M		
SP15RA3	++	Bradford District	T/R	LT	M				
SP16	++	Wider Leeds Region	T/R	LT	M				
SP16RA1	+	Wider Leeds Region	T/R	LT	L				
13. Social Cohesion		SP9	++	Bradford District	T/R	LT	L	<p>SP10, SP9 & alternatives → support development with opportunities for the delivery of GI and improvements to public transport and facilities for walking and cycling → ensures accessibility to services + supports active travel → encourages physical activity → improve fitness levels.</p> <p>SP13 & SP13RA1 → no discernible impacts on social cohesion.</p>	
		SP9RA1	+	Bradford District	T/R	LT	L		
		SP9RA2	++	Bradford District	T/R	LT	L		
		SP9RA3	++	Bradford District	T/R	LT	L		
		SP10	+	Bradford District	T/R	LT	M		

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
		SP10RA1	+	Bradford District	T/R	LT	L	<p>SP10 & alternatives & SP11, SP11RA1 → protection and enhancement of open spaces, GI and important habitats which are important areas for recreation, social interaction and cultural activities → boost to the cohesiveness of communities and the culture and leisure offering for visitors and local people.</p> <p>SP12 → supports the quarrying and material/mineral extraction industries → maintains/increases employment in this sector in the District → reduce levels of deprivation.</p> <p>SP10 & alternatives, SP14 & alternatives, SP15, SP15RA2 & SP15RA3 → encourage proposals to provide well-connected networks for movement + inclusive & safe neighbourhoods + multi-functional greenspaces + provision of new health facilities → future residential development likely to facilitate social interaction, cohesive communities. SP14RA1 would provide benefits of lower magnitude and certainty.</p> <p>SP15RA1 → no policy → no discernible impacts.</p> <p>SP16 → ensure the balance between housing and employment opportunities + support economic growth → ensure the provision of adequate economic networks.</p> <p>SP16RA1 → similar impacts as SP16 but of lower magnitude and certainty.</p> <p>Recommendations: None</p>
		SP10RA2	+	Bradford District	T/R	LT	H	
		SP10RA3	+	Bradford District	T/R	LT	H	
		SP11	+	Bradford District	T/R	LT	M	
		SP11RA1	+	Bradford District	T/R	LT	M	
		SP12	+	Bradford District	T/R	LT	M	
		SP12RA1	+	Bradford District	T/R	LT	M	
		SP13	O	n/a	n/a	n/a	H	
		SP13RA1	O	n/a	n/a	n/a	H	
		SP14	++	Bradford District	T/R	LT	M	
		SP14RA1	+	Bradford District	T/R	LT	L	
		SP14RA2	++	Bradford District	T/R	LT	M	
		SP15	++	Bradford District	T/R	LT	M	
		SP15RA1	O	n/a	n/a	n/a	H	
		SP15RA2	++	Bradford District	T/R	LT	M	
		SP15RA3	++	Bradford District	T/R	LT	M	
SP16	++	Wider Leeds Region	T/R	LT	L			
SP16RA1	+	Wider Leeds Region	T/R	LT	L			
14. Culture & leisure		SP9	+	Bradford District	T/R	LT	M	<p>SP9, SP9RA1, SP9RA2 & SP9RA3 → support the management, enhancement and expansion of vulnerable habitats, such as woodlands → preserves the districts green/leisure spaces.</p> <p>SP10, SP9 & alternatives → support development with opportunities for the delivery of GI and improvements to public transport and facilities for walking and cycling → ensures accessibility to services + supports active travel → encourages physical activity → improve fitness levels.</p> <p>SP10 & alternatives & SP11, SP11RA1 → protection and enhancement of open spaces, GI and important habitats which are important areas for recreation, social interaction and cultural activities → boost to the cohesiveness of communities and the culture and leisure offering for visitors and local people.</p> <p>SP12 → no discernible impact on culture and leisure.</p> <p>SP10 & alternatives, SP14 & alternatives, SP15, SP15RA2 & SP15RA3 → encourage proposals to provide well-connected networks for movement + inclusive & safe neighbourhoods + multi-functional greenspaces + provision of new health facilities → future residential development likely to facilitate social interaction, cohesive communities and enhanced access to services, facilities and cultural and recreational spaces and activities. SP14RA1 would provide benefits of lower magnitude and certainty.</p> <p>SP10 & alternatives, SP9 & alternatives & SP16 → supports & enhances sustainable and active transport options → improved accessibility of communal spaces and cultural areas.</p> <p>SP15RA1 → no policy → no discernible impacts.</p> <p>SP13 & SP13RA1 → potential development on greenfield → potential loss of open recreational space.</p>
		SP9RA1	+	Bradford District	T/R	LT	L	
		SP9RA2	+	Bradford District	T/R	LT	M	
		SP9RA3	+	Bradford District	T/R	LT	M	
		SP10	+	Bradford District	T/R	LT	M	
		SP10RA1	+	Bradford District	T/R	LT	L	
		SP10RA2	+	Bradford District	T/R	LT	H	
		SP10RA3	+	Bradford District	T/R	LT	H	
		SP11	+	Bradford District	T/R	LT	M	
		SP11RA1	+	Bradford District	T/R	LT	M	
		SP12	O	n/a	n/a	n/a	H	
		SP12RA1	O	n/a	n/a	n/a	H	
		SP13	-	Bradford District	T/R	LT	L	
		SP13RA1	-	Bradford District	T/R	LT	L	
		SP14	++	Bradford District	T/R	LT	M	
		SP14RA1	+	Bradford District	T/R	LT	L	
		SP14RA2	++	Bradford District	T/R	LT	M	
		SP15	++	Bradford District	T/R	LT	M	
		SP15RA1	O	n/a	n/a	n/a	H	
SP15RA2	++	Bradford District	T/R	LT	M			
SP15RA3	++	Bradford District	T/R	LT	M			
SP16	+	Wider Leeds Region	T/R	LT	M			
SP16RA1	+	Wider Leeds Region	T/R	LT	L			

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
								<p>SP16 → ensure landscape and environmental management and enhancement → maintain and improve outdoor spaces → improve the recreational and leisure value of spaces.</p> <p>SP16RA1 → similar impacts as SP16 but of lower magnitude and certainty.</p> <p>Recommendations: None</p>
15. Safe and secure		SP9	+	Bradford District	T/R	LT	L	<p>SP9, SP10 & alternatives, SP14, SP15, SP15RA2, SP15RA3, SP16 & alternatives → encourage proposals to be of a high-quality design + encourage walking and cycling → high rates of natural surveillance rates → reduced risk of crime. SP14RA1 & SP16RA1 would provide benefits of lower magnitude and certainty.</p> <p>SP15RA1 → no policy → no discernible impacts.</p> <p>SP13, SP13RA1, SP11, SP11RA1 & SP12 → no discernible impacts.</p> <p>Recommendations: None</p>
		SP9RA1	+	Bradford District	T/R	LT	L	
		SP9RA2	+	Bradford District	T/R	LT	L	
		SP9RA3	+	Bradford District	T/R	LT	L	
		SP10	+	Bradford District	T/R	LT	L	
		SP10RA1	+	Bradford District	T/R	LT	L	
		SP10RA2	+	Bradford District	T/R	LT	L	
		SP10RA3	+	Bradford District	T/R	LT	L	
		SP11	O	n/a	n/a	n/a	H	
		SP11RA1	O	n/a	n/a	n/a	H	
		SP12	O	n/a	n/a	n/a	H	
		SP12RA1	O	n/a	n/a	n/a	H	
		SP13	O	n/a	n/a	n/a	H	
		SP13RA1	O	n/a	n/a	n/a	H	
		SP14	+	Bradford District	T/R	LT	M	
		SP14RA1	+	Bradford District	T/R	LT	L	
		SP14RA2	+	Bradford District	T/R	LT	M	
		SP15	++	Bradford District	T/R	LT	M	
	SP15RA1	O	n/a	n/a	n/a	H		
	SP15RA2	++	Bradford District	T/R	LT	M		
	SP15RA3	++	Bradford District	T/R	LT	M		
	SP16	+	Wider Leeds Region	T/R	LT	M		
	SP16RA1	+	Wider Leeds Region	T/R	LT	L		
16 Health		SP9	+	Bradford District	T/R	LT	M	<p>SP10 & its alternatives → protected and enhanced greenfield, open spaces and habitats → improved access to outdoor physical activity opportunities (physical & mental health benefits) and access to opportunities for spending time amongst semi-natural habitats (mental health benefits) for local people. SP10RA2 potentially slightly greater positive impact than SP10, SP10RA1 & SP10RA3.</p> <p>SP11, SP11RA1 → no discernible impacts.</p> <p>SP12 → permits quarrying and material/mineral extraction → increased noise, odour and air pollution, including dust, from extraction activities → pollution and airborne particulate matter hazardous to the health of workers and the public.</p> <p>SP12 → support employment → reduces poverty and deprivation → improves mental and physical well-being.</p>
		SP9RA1	+	Bradford District	T/R	LT	L	
		SP9RA2	+	Bradford District	T/R	LT	M	
		SP9RA3	+	Bradford District	T/R	LT	M	
		SP10	+	Bradford District	T/R	LT	M	
		SP10RA1	+	Bradford District	T/R	LT	L	
		SP10RA2	+	Bradford District	T/R	LT	H	
		SP10RA3	+	Bradford District	T/R	LT	H	
		SP11	O	n/a	n/a	n/a	H	
		SP11RA1	O	n/a	n/a	n/a	H	
		SP12	-	Bradford District	T/R	LT	M	
		SP12RA1	-	Bradford District	T/R	LT	M	
		SP13	-	Bradford District	T/R	LT	L	
	SP13RA1	-	Bradford District	T/R	LT	L		

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		SP14	+	Bradford District	T/R	LT	M	<p>SP13 & SP13RA1 → potential increase in local HGV activity + new waste facilities → noise, odour and air pollution including dust → potential adverse impacts on physical & mental health of local people.</p> <p>SP9, SP14, SP15, SP15RA2, SP15RA3, SP16 & their alternatives → facilitate higher rates of active transport including walking and cycling → benefits to physical health. SP9RA1, SP14RA1 & SP16RA1 would provide benefits of lower magnitude and certainty.</p> <p>SP9, SP16 & their alternatives → improvements to air quality → reduction in impacts of air pollution on health.</p> <p>SP15, SP15RA2 & SP15RA3 → designed to ensure new development contributes towards health improvements and reducing health inequalities → new development likely to enable regular exercise, health eating, cleaner air, good access to health facilities, the provision of new health facilities and negative impacts on health to be avoided or mitigated</p> <p>SP15RA1 → no policy → no discernible impacts.</p> <p>Recommendations: None</p>
		SP14RA1	+	Bradford District	T/R	LT	L	
		SP14RA2	+	Bradford District	T/R	LT	M	
		SP15	++	Bradford District	T/R	LT	M	
		SP15RA1	O	n/a	n/a	n/a	H	
		SP15RA2	++	Bradford District	T/R	LT	M	
		SP15RA3	++	Bradford District	T/R	LT	M	
		SP16	+	Wider Leeds Region	T/R	LT	M	
17. Education		SP9	+	Bradford District	T/R	LT	M	<p>SP10 & its alternatives, SP13, SP13RA1 & SP11, SP11RA1 → no discernible impacts.</p> <p>SP12 → new extraction sites → enhanced employment opportunities in this sector → potential opportunities for local people to learn new on-the-job skills.</p> <p>SP9, SP14, SP15, SP15RA2 SP15RA3, SP16 & alternatives → highly accessible new developments via walking, cycling and public transport + improvements to sustainable transport options → residents and site users likely to have sustainable & convenient access to nearby education facilities. SP9RA1, SP14RA1 & SP16RA1 would provide benefits of lower magnitude and certainty.</p> <p>SP15RA1 → no policy → no discernible impacts.</p> <p>Recommendations: None</p>
		SP9RA1	+	Bradford District	T/R	LT	L	
		SP9RA2	+	Bradford District	T/R	LT	M	
		SP9RA3	+	Bradford District	T/R	LT	M	
		SP10	O	n/a	n/a	n/a	H	
		SP10RA1	O	n/a	n/a	n/a	H	
		SP10RA2	O	n/a	n/a	n/a	H	
		SP10RA3	O	n/a	n/a	n/a	H	
		SP11	O	n/a	n/a	n/a	H	
		SP11RA1	O	n/a	n/a	n/a	H	
		SP12	+	Bradford District	T/R	LT	M	
		SP12RA1	+	Bradford District	T/R	LT	M	
		SP13	O	n/a	n/a	n/a	H	
		SP13RA1	O	n/a	n/a	n/a	H	
		SP14	+	Bradford District	T/R	LT	M	
		SP14RA1	+	Bradford District	T/R	LT	L	
		SP14RA2	+	Bradford District	T/R	LT	M	
		SP15	+	Bradford District	T/R	LT	M	
		SP15RA1	O	n/a	n/a	n/a	H	
		SP15RA2	+	Bradford District	T/R	LT	M	
SP15RA3	+	Bradford District	T/R	LT	M			
SP16	+	Wider Leeds Region	T/R	LT	M			
SP16RA1	+	Wider Leeds Region	T/R	LT	L			
18. Employment		SP9	+	Bradford District	T/R	LT	M	<p>SP10 & its alternatives & SP11, SP11RA1 → no discernible impacts.</p> <p>SP12 → support the quarrying and material/mineral extraction industries → maintains/increases employment in the district.</p>
		SP9RA1	+	Bradford District	T/R	LT	L	
		SP9RA2	+	Bradford District	T/R	LT	M	
		SP9RA3	+	Bradford District	T/R	LT	M	
		SP10	O	n/a	n/a	n/a	H	

Appendix D – Policies Assessments

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>	
		SP10RA1	O	n/a	n/a	n/a	H	SP12 → support the extraction of coal, gravel and sand where future changes in technology and commodity prices may make renewed extraction viable → future employment.	
		SP10RA2	O	n/a	n/a	n/a	H		
		SP10RA3	O	n/a	n/a	n/a	H		
		SP11	O	n/a	n/a	n/a	n/a	H	SP13 & SP13RA1 → seek to establish new waste management facilities → enhanced employment opportunities in this sector → maintains/increases employment in the District & boosts the economy.
		SP11RA1	O	n/a	n/a	n/a	H		
		SP12	+	Bradford District	T/R	LT	M	SP9, SP14, SP15, SP15RA2 SP15RA3, SP16 & alternatives → highly accessible new developments via walking, cycling and public transport + improvements to sustainable transport options → residents and site users likely to have sustainable & convenient access to employment areas. SP9RA1, SP14RA1 & SP16RA1 would provide benefits of lower magnitude and certainty.	
		SP12RA1	+	Bradford District	T/R	LT	M		
		SP13	+	Bradford District	T/R	LT	M		
		SP13RA1	+	Bradford District	T/R	LT	M		
		SP14	+	Bradford District	T/R	LT	M		
		SP14RA1	+	Bradford District	T/R	LT	L	SP15 → requires proposals to support the delivery of jobs and key services → boost to local employment opportunities	
		SP14RA2	+	Bradford District	T/R	LT	M		
		SP15	++	Bradford District	T/R	LT	M	SP16 & SP16RA1 → seeks to support economic growth + ensure housing provision is balanced with employment opportunities.	
		SP15RA1	O	n/a	n/a	n/a	H		
		SP15RA2	++	Bradford District	T/R	LT	M		
SP15RA3	++	Bradford District	T/R	LT	M				
SP16	++	Wider Leeds Region	T/R	LT	M	SP15RA1 → no policy → no discernible impacts.	Recommendations: None		
SP16RA1	+	Wider Leeds Region	T/R	LT	L				
19. Economy		SP9	+	Bradford District	T/R	LT	M	SP10 & its alternatives & SP11, SP11RA1 → no discernible impacts.	
		SP9RA1	+	Bradford District	T/R	LT	L		
		SP9RA2	+	Bradford District	T/R	LT	M	SP12 → new extraction sites → significant boost to this industry in Bradford → boost to local economy.	
		SP9RA3	+	Bradford District	T/R	LT	M		
		SP10	O	n/a	n/a	n/a	H		
		SP10RA1	O	n/a	n/a	n/a	n/a	H	SP12 → boost to an unsustainable industry that is unlikely to remain competitive in the long-term given the UK's transition towards a low-carbon economy and energy sector.
		SP10RA2	O	n/a	n/a	n/a	H		
		SP10RA3	O	n/a	n/a	n/a	n/a	H	SP13 & SP13RA1 → seek to establish new waste management facilities → enhanced employment opportunities in this sector → boosts the economy.
		SP11	O	n/a	n/a	n/a	H		
		SP12	+	Bradford District	T/R	LT	M	SP9, SP14, SP15, SP15RA2 SP15RA3, SP16 & alternatives → highly accessible new developments via walking, cycling and public transport + improvements to sustainable transport options → customers able to more sustainably and conveniently access businesses and shopping areas. SP9RA1, SP14RA1 & SP16RA1 would provide benefits of lower magnitude and certainty.	
		SP12RA1	+	Bradford District	T/R	LT	M		
		SP13	+	Bradford District	T/R	LT	M		
		SP13RA1	+	Bradford District	T/R	LT	M		
		SP14	+	Bradford District	T/R	LT	M		
		SP14RA1	+	Bradford District	T/R	LT	L	SP15 → requires proposals to support the delivery of jobs and key services → boost to the local economy.	
		SP14RA2	+	Bradford District	T/R	LT	M		
		SP15	++	Bradford District	T/R	LT	M	SP16 & SP16RA1 → seeks to support economic growth + ensure housing provision is balanced with employment opportunities → boost the local economy.	
		SP15RA1	O	n/a	n/a	n/a	H		
		SP15RA2	++	Bradford District	T/R	LT	M		
SP15RA3	++	Bradford District	T/R	LT	M				
SP16	++	Wider Leeds Region	T/R	LT	M	SP15RA1 → no policy → no discernible impacts.	Recommendations: None		
SP16RA1	+	Wider Leeds Region	T/R	LT	L				

Summary of, and assumptions in the assessment of, Thematic Policies (EC1 – EC4) Economy

Policy EC1: Employment Delivery and Strategic Sites Is a new policy. The policy would establish the Council’s commitment to deliver economic growth and support jobs within the District, meeting employment land need, through the delivery of 72ha of new employment land. 41.71ha of this would be within the Regional City of Bradford, which will be concentrated within or close to Enterprise Zones, Business Development Zones and Employment Zones and further diversify employment space and established employment zones. 8.47ha would be within Airedale, within the Keighley Business Development Zone and Bingley and Keighley transport corridor, and 5ha in Wharfedale. An additional Strategic Employment Area of 40.61ha will also be established. All areas are allocated on the Policies Map and in detail within Section 5 of the plan and would be protected for employment use. EC1 would be expected to make a significant contribution towards the economic and employment SA Objectives by supporting growth in the economy through the expansion of employment land. This in turn would reduce deprivation and poverty. However, the policy has the potential to negatively impact SA Objectives associated with the natural environment, with increased development leading to issues such as reduced air quality and increased in emissions. Furthermore, the Strategic Employment Sites of Holmewood and Apperley Bridge would be allocated from the Green Belt.

- **EC1 Reasonable Alternative 1 (EC1RA1):** This alternative would involve splitting the policy into separate strategic and non-strategic employment land policies. This would have similar impacts as the preferred option; however, it may be less easy to find and reference.
- **EC1 Reasonable Alternative 2 (EC1RA2):** Keeping a ‘looser’ policy structure and listing sites in a table, within the policy or referenced outside. The preferred option includes sites listing within a delivery strategy or framework, with further detail available within Section 5 of the plan. This alternative would likely have similar impacts, though they may be of a lesser certainty.

Policy EC2: Employment, Business and Enterprise Zones is a new policy The policy supports the development, regeneration, and protection of employment areas for B-class uses within the District through the establishment of Enterprise Zones, Business Zones and Employment Zones, as designated on the Policies Map. These Zones would provide high standard premises, encourage regeneration, and support the growth of local businesses. Changes of use or redevelopment of non-B-class employment uses will be supported, while for B-class employment uses the same will only be permitted provided there are strong economic reasons; the site is unlikely to come back into B-class employment use; it would provide employment; it would not impact the function of the wider zone; and/or the site is not appropriate for the continuation of any B-class employment use. EC2 is likely to have a positive contribution towards the social, employment and economic SA Objectives as it works to provide land to support jobs and economic growth and will also help to reduce deprivation and poverty as a consequence.

- **EC2 Reasonable Alternative 1 (EC2RA1):** Individual policies for each type of zone. This would complicate the layout but could provide extra detail compared to a single policy format.
- **EC2 Reasonable Alternative 2 (EC2RA2):** Combine zonal areas. Though there is geographical cross-over in some cases, the zones differ in function and multiple zone listing allows for a diverse approach to business retention, regeneration, and inward investment. The impacts of this alternative are likely to be similar to the preferred option but could be of lower magnitude.
- **EC2 Reasonable Alternative 3 (EC2RA3):** Combine employment site and zonal policy. A single policy approach could be too complex, and detail could be lost, resulting in impacts of lesser magnitude.
- **EC2 Reasonable Alternative 4 (EC2RA4):** Remove threshold levels and criteria for change of use. The policy introduces a degree of flexibility but also a clear focus upon protecting employment uses and activities, which may result in impacts of a lesser magnitude.

Policy EC3: Employment and Skills Delivery is under review. The policy aims to secure employment and skills plans for strategic scale infrastructure, housing (400 dwellings plus), and employment projects (5ha plus); for the construction phases of residential developments of 50+ dwellings and commercial schemes; and for the occupancy phase of commercial developments where they are estimated to create 50+ full time jobs. EC3 would be expected to make a positive contribution towards social and economic SA Objectives, primarily due to the improvement to local employment opportunities that are accessible to all and which provide skills learning opportunities. The policy would be likely to contribute towards a reduction in deprivation, poverty and inequality whilst providing a boost to the health and education of local people.

- **EC3 Reasonable Alternative 1 (EC3RA1):** No specific policy for EC3, maintaining a strategic policy position within SP6. No policy therefore no impacts.
- **EC3 Reasonable Alternative 2 (EC3RA2):** Different thresholds set with a variety of options. The current thresholds have been set to incentivise local skills and labour opportunities without compromising viability. Likely similar impacts but degree of uncertainty is high, unable to determine the exact impacts as it very much depends on what thresholds are set.
- **EC3 Reasonable Alternative 3 (EC3RA3):** A more limited scale policy. EC3 supports a comprehensive package of measures and a more limited policy would result in impacts of lower magnitude and probability.

Policy EC4: City, Town, District and Local Centres is under review. The Council's preferred option for the policy is for decisions, plans, strategies and programmes to sustain and enhance the vitality and viability of a network and hierarchy of defined centres in Bradford. The policy sets out the various types of development that should be the focus of each city, town, district and local centre, and where retail development, Small Shop Units, office, residential uses, healthcare, community, educational and cultural facilities and services would be permitted and/or encouraged. It further describes the sequential test for planning applications and outlines when an impact assessment for developments would be necessary. The policy would be expected to help ensure that new employment development is appropriate for the surrounding area and is able to compete and succeed. Settlements in the district would be likely to benefit from an appropriate type and level of employment growth that helps to reduce deprivation, poverty and inequalities. The character and distinct sense of place for each centre would be likely to be protected and enhanced as a result. The requirement for developments to create a “distinctive, attractive and vibrant sense of place and identity” would have a positive impact on landscape and townscape.

- **EC4 Reasonable Alternative 1 (EC4RA1):** No or limited updates from the CSPR. This would not fully reflect the evidence base from the Bradford District Retail and Leisure study and therefore would potentially have impacts of a lesser magnitude and probability.
- **EC4 Reasonable Alternative 2 (EC4RA2):** A policy greatly reduced in scale. This would fail to provide a full policy framework to the District’s diverse centre and would therefore have impacts of reduced scale and certainty.
- **EC4 Reasonable Alternative 3 (EC4RA3):** Split the policy into individual policies covering specific topics. The single policy approach provides ease of use, but impacts would be much the same.

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
1. Energy & GHGs		EC1	--	Bradford District	P/I	LT	M	Each policy → support and encourage significant employment development and economic growth → increase in energy consumption + associated transport → increase in associated GHG emissions.
		EC1RA1	--	Bradford District	P/I	LT	L	

Appendix D – Policies Assessments

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
		EC1RA2	--	Bradford District	P/I	LT	L	<p>Each policy → new employment land in locations accessible via active and public transport → limited GHG emissions associated with increase in movement.</p> <p>EC1 → development in Green Belt → loss of greenfield land (carbon sink).</p> <p>EC3RA1 → no policy → no impact</p> <p>Recommendations: Best efforts should be made to ensure that all new employment land is highly accessible via walking and cycling.</p>
		EC2	-	Bradford District	P/I	LT	M	
		EC2RA1	-	Bradford District	P/I	LT	H	
		EC2RA2	-	Bradford District	P/I	LT	L	
		EC2RA3	-	Bradford District	P/I	LT	L	
		EC2RA4	-	Bradford District	P/I	LT	L	
		EC3	-	Bradford District	P/I	LT	M	
		EC3RA1	O	n/a	n/a	n/a	n/a	
		EC3RA2	-	Bradford District	P/I	LT	L	
		EC3RA3	-	Bradford District	P/I	LT	L	
		EC4	-	Bradford District	P/I	LT	M	
		EC4RA1	-	Bradford District	P/I	LT	L	
		EC4RA2	-	Bradford District	P/I	LT	L	
EC4RA3	-	Bradford District	P/I	LT	M			
2. Waste		EC1	--	Bradford District	T/R	LT	M	<p>Each policy → support and encourage significant employment development and economic growth → increase in associated waste due to materials used during construction + waste from increased business operations.</p> <p>EC2 → encourages the regeneration of existing sites → reduced waste associated with construction in some circumstances.</p> <p>EC3RA1 → no policy → no impact.</p> <p>Recommendations: EC policies could seek to encourage circular economy principles in new development that minimises the consumption of materials and enhances reuse and recycle principles.</p>
		EC1RA1	--	Bradford District	T/R	LT	L	
		EC1RA2	--	Bradford District	T/R	LT	L	
		EC2	-	Bradford District	T/R	LT	M	
		EC2RA1	-	Bradford District	T/R	LT	H	
		EC2RA2	-	Bradford District	T/R	LT	L	
		EC2RA3	-	Bradford District	T/R	LT	L	
		EC2RA4	-	Bradford District	T/R	LT	L	
		EC3	-	Bradford district	T/R	LT	M	
		EC3RA1	O	n/a	n/a	n/a	n/a	
		EC3RA2	-	Bradford District	T/R	LT	L	
		EC3RA3	-	Bradford district	T/R	LT	L	
		EC4	-	Bradford District	T/R	LT	M	
EC4RA1	-	Bradford District	T/R	LT	L			
EC4RA2	-	Bradford District	T/R	LT	L			
EC4RA3	-	Bradford District	T/R	LT	M			
3. Land & buildings		EC1	--	Bradford District	T/R	LT	M	<p>Each policy → support and encourage significant employment development and economic growth → loss of greenfield land to employment development in some circumstances, particularly EC1 and its alternatives.</p> <p>EC1, EC2, EC4 & alternatives → direct new employment development towards locations with opportunities for using PDL as a first priority → reduced greenfield land lost to development</p> <p>EC3RA1 → no policy → no impact.</p> <p>Recommendations: When assessing the sustainability of proposals, the Council should consider impacts on land and soil resource. Proposals could be required to adopt best practice measures for soil management during construction and for excavated soil and rock to be reused either as part of the development or elsewhere.</p>
		EC1RA1	--	Bradford District	T/R	LT	L	
		EC1RA2	--	Bradford District	T/R	LT	L	
		EC2	-	Bradford District	T/R	LT	M	
		EC2RA1	-	Bradford District	T/R	LT	H	
		EC2RA2	-	Bradford District	T/R	LT	L	
		EC2RA3	-	Bradford District	T/R	LT	L	
		EC2RA4	-	Bradford District	T/R	LT	L	
		EC3	-	Bradford district	T/R	LT	M	
		EC3RA1	O	n/a	n/a	n/a	n/a	
		EC3RA2	-	Bradford District	T/R	LT	L	
		EC3RA3	-	Bradford district	T/R	LT	L	
		EC4	-	Bradford District	T/R	LT	M	

Appendix D – Policies Assessments

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
4. Climate change vulnerability	Green	EC4RA1	-	Bradford District	T/R	LT	L	<p>Each policy → support and encourage significant quantity of new employment and economic development → precise location of this development is uncertain → impacts on this SA Objective are uncertain as impacts depend on precise location and type of development in relation to local flood risk.</p> <p>EC3RA1 → no policy → no impact</p> <p>Recommendations: None.</p>
		EC4RA2	-	Bradford District	T/R	LT	L	
		EC4RA3	-	Bradford District	T/R	LT	M	
	Pink	EC1	?	Bradford district	T/R	LT	M	
		EC1RA1	?	Bradford district	T/R	LT	L	
		EC1RA2	?	Bradford district	T/R	LT	L	
		EC2	?	Bradford district	T/R	LT	M	
		EC2RA1	?	Bradford district	T/R	LT	H	
		EC2RA2	?	Bradford district	T/R	LT	L	
		EC2RA3	?	Bradford district	T/R	LT	L	
		EC2RA4	?	Bradford District	T/R	LT	L	
		EC3	?	Bradford district	T/R	LT	M	
		EC3RA1	O	n/a	n/a	n/a	n/a	
		EC3RA2	?	Bradford district	T/R	LT	L	
		EC3RA3	?	Bradford district	T/R	LT	L	
EC4	?	Bradford district	T/R	LT	M			
EC4RA1	?	Bradford district	T/R	LT	L			
EC4RA2	?	Bradford district	T/R	LT	L			
EC4RA3	?	Bradford district	T/R	LT	M			
5. Water resources	Pink	EC1	-	Bradford district	T/R	LT	L	<p>Each policy → support and encourage significant quantity of new employment and economic development → increase in water consumption due to business operations.</p> <p>Each policy → significant new development → potential for impacts on quality of natural waterbodies during construction and operation of businesses → largely dependent on location and type of development which is currently unknown → impacts on water quality are uncertain.</p> <p>EC3RA1 → no policy → no impact</p> <p>Recommendations: EC policies could seek to require proposals to show there is adequate water resource availability for their operations with close consideration given to water use efficiency standards.</p>
		EC1RA1	-	Bradford district	T/R	LT	L	
		EC1RA2	-	Bradford district	T/R	LT	L	
		EC2	-	Bradford district	T/R	LT	L	
		EC2RA1	-	Bradford district	T/R	LT	L	
		EC2RA2	-	Bradford district	T/R	LT	L	
		EC2RA3	-	Bradford district	T/R	LT	L	
		EC2RA4	-	Bradford District	T/R	LT	L	
		EC3	-	Bradford district	T/R	LT	L	
		EC3RA1	O	n/a	n/a	n/a	n/a	
		EC3RA2	-	Bradford District	T/R	LT	L	
		EC3RA3	-	Bradford district	T/R	LT	L	
		EC4	-	Bradford district	T/R	LT	L	
		EC4RA1	-	Bradford district	T/R	LT	L	
		EC4RA2	-	Bradford district	T/R	LT	L	
EC4RA3	-	Bradford district	T/R	LT	L			
6. Biodiversity & geodiversity	Pink	EC1	--	Bradford District	T/R	LT	H	<p>Each policy → support and encourage significant quantity of new employment and economic development → potential loss of greenfield and green belt land and supporting habitats + reduced ecological connectivity. EC1 in particular allocated 40.61ha of employment land within the Green Belt</p> <p>Each policy → majority of new employment and economic development likely to be directed towards existing settlements and urban areas as a priority which will help to limit loss of greenfield land or reduced ecological connectivity.</p>
		EC1RA1	--	Bradford District	T/R	LT	M	
		EC1RA2	--	Bradford District	T/R	LT	M	
		EC2	-	Bradford District	T/R	LT	M	
		EC2RA1	-	Bradford District	T/R	LT	H	
		EC2RA2	-	Bradford District	T/R	LT	L	
		EC2RA3	-	Bradford District	T/R	LT	L	
		EC2RA4	-	Bradford District	T/R	LT	L	
		EC3	-	Bradford district	T/R	LT	M	

Appendix D – Policies Assessments

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		EC3RA1	O	n/a	n/a	n/a	n/a	<p>EC1 → The HRA screening process identified that likely significant effects are triggered. The HRA report states that this policy allocates a range of sites with likely significant effects in relation to impacts to/loss of supporting habitat and in relation to air quality. Individual allocations need further consideration regarding loss of supporting habitat and likely significant effects alone. Air quality impacts will be in-combination.</p> <p>EC3RA1 → no policy → no impact</p> <p>Recommendations: None.</p>
		EC3RA2	-	Bradford District	T/R	LT	L	
		EC3RA3	-	Bradford district	T/R	LT	L	
		EC4	-	Bradford District	T/R	LT	M	
		EC4RA1	-	Bradford District	T/R	LT	L	
		EC4RA2	-	Bradford District	T/R	LT	L	
		EC4RA3	-	Bradford District	T/R	LT	M	
7. Landscape & townscape		EC1	-	Bradford District	T/R	LT	H	<p>Each policy → support and encourage significant quantity of new employment and economic development → potential loss of greenfield and Green Belt land and open space → potential impacts on local landscape & townscape character. EC1 in particular allocated Green Belt land for employment land specifically.</p>
		EC1RA1	-	Bradford District	T/R	LT	M	
		EC1RA2	-	Bradford District	T/R	LT	M	
		EC2	-	Bradford district	T/R	LT	L	<p>Each policy → focuses significant majority of new economic and employment development in existing settlements and built up areas → most negative impacts on natural landscapes likely avoided.</p>
		EC2RA1	-	Bradford district	T/R	LT	L	
		EC2RA2	-	Bradford district	T/R	LT	L	
		EC2RA3	-	Bradford district	T/R	LT	L	<p>EC1, EC2, EC4 & their alternatives → focus majority of new economy and employment development in existing employment areas → development more likely to be in-keeping with the surrounding townscape → most negative potential impacts on townscape character likely avoided.</p>
		EC2RA4	-	Bradford District	T/R	LT	L	
		EC3	-	Bradford district	T/R	LT	M	
		EC3RA1	O	n/a	n/a	n/a	n/a	<p>EC4 → requires developments to create attractive places and protects local identity → improves townscape</p> <p>EC3RA1 → no policy → no impact</p>
		EC3RA2	-	Bradford District	T/R	LT	L	
		EC3RA3	-	Bradford district	T/R	LT	L	
	EC4	+	Bradford district	T/R	LT	L	<p>Recommendations: EC policies could seek to ensure that new employment development is of a high-quality design.</p>	
	EC4RA1	+	Bradford district	T/R	LT	L		
	EC4RA2	+	Bradford district	T/R	LT	L		
	EC4RA3	+	Bradford district	T/R	LT	L		
8. Cultural heritage		EC1	-	Bradford District	T/R	LT	H	<p>Each policy → support and encourage significant quantity of new employment and economic development → potential loss of greenfield and Green Belt land and open space → potential impacts on setting of heritage assets & historic areas. EC1 in particular allocated Green Belt land for employment land specifically.</p>
		EC1RA1	-	Bradford District	T/R	LT	M	
		EC1RA2	-	Bradford District	T/R	LT	M	
		EC2	-	Bradford district	T/R	LT	L	<p>Each policy → focuses significant majority of new economic and employment development in existing settlements and built up areas → most negative impacts on heritage assets & historic areas likely avoided.</p>
		EC2RA1	-	Bradford district	T/R	LT	L	
		EC2RA2	-	Bradford district	T/R	LT	L	
		EC2RA3	-	Bradford district	T/R	LT	L	<p>EC1, EC2, EC4 & their alternatives → focus majority of new economy and employment development in existing employment areas → development more likely to be in-keeping with the surrounding townscape → most negative potential impacts on heritage assets & historic areas likely avoided.</p>
		EC2RA4	-	Bradford District	T/R	LT	L	
		EC3	-	Bradford district	T/R	LT	M	
		EC3RA1	O	n/a	n/a	n/a	n/a	<p>EC4 → requires developments to create attractive places and protects local identity → protects local character.</p> <p>EC3RA1 → no policy → no impact</p>
		EC3RA2	-	Bradford District	T/R	LT	L	
		EC3RA3	-	Bradford district	T/R	LT	L	
	EC4	+	Bradford district	T/R	LT	L	<p>Recommendations: EC policies could seek to ensure that new employment development is of a high-quality design.</p>	
	EC4RA1	+	Bradford district	T/R	LT	L		
	EC4RA2	+	Bradford district	T/R	LT	L		
	EC4RA3	+	Bradford district	T/R	LT	L		
		EC1	-	Bradford district	T/R	LT	M	
		EC1RA1	-	Bradford district	T/R	LT	L	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
9. Air quality		EC1RA2	-	Bradford district	T/R	LT	L	<p>Each policy → support and encourage significant quantity of new employment and economic development → likely increase in movements associated with the operation of businesses and people commuting to work in Bradford → increase in air pollution</p> <p>EC1, EC2, EC4 & their alternatives → focus new development in locations that are generally highly accessible via active and public transport → help to limit car movements associated with employment + help to limit air pollution from this.</p> <p>EC3RA1 → no policy → no impact</p> <p>Recommendations: Best efforts should be made to ensure that all new employment land is highly accessible via walking, cycling and public transport.</p>
		EC2	-	Bradford district	T/R	LT	M	
		EC2RA1	-	Bradford district	T/R	LT	L	
		EC2RA2	-	Bradford district	T/R	LT	L	
		EC2RA3	-	Bradford district	T/R	LT	M	
		EC2RA4	-	Bradford District	T/R	LT	M	
		EC3	-	Bradford district	T/R	LT	M	
		EC3RA1	O	n/a	n/a	n/a	n/a	
		EC3RA2	-	Bradford District	T/R	LT	L	
		EC3RA3	-	Bradford district	T/R	LT	L	
		EC4	-	Bradford District	T/R	LT	M	
		EC4RA1	-	Bradford District	T/R	LT	L	
EC4RA2	-	Bradford District	T/R	LT	L			
EC4RA3	-	Bradford District	T/R	LT	M			
10. Transport		EC1	+/-	Leeds City region	T/R	LT	M	<p>Each policy → support and encourage significant quantity of new employment and economic development → likely increase in movements associated with the operation of businesses and people commuting to work in Bradford.</p> <p>EC1, EC2, EC4 & their alternatives → focus new development in locations that are generally highly accessible via active and public transport → help to limit car movements associated with employment.</p> <p>EC3RA1 → no policy → no impact</p> <p>Recommendations: Best efforts should be made to ensure that all new employment land is highly accessible via walking, cycling and public transport.</p>
		EC1RA1	+/-	Leeds City region	T/R	LT	L	
		EC1RA2	+/-	Leeds City region	T/R	LT	L	
		EC2	+/-	Leeds City region	T/R	LT	M	
		EC2RA1	+/-	Leeds City region	T/R	LT	L	
		EC2RA2	+/-	Leeds City region	T/R	LT	L	
		EC2RA3	+/-	Leeds City region	T/R	LT	M	
		EC2RA4	+/-	Leeds City region	T/R	LT	M	
		EC3	-	Bradford district	T/R	LT	M	
		EC3RA1	O	n/a	n/a	n/a	n/a	
		EC3RA2	-	Bradford District	T/R	LT	L	
		EC3RA3	-	Bradford district	T/R	LT	L	
		EC4	+/-	Leeds City region	T/R	LT	M	
		EC4RA1	+/-	Leeds City region	T/R	LT	L	
EC4RA2	+/-	Leeds City region	T/R	LT	L			
EC4RA3	+/-	Leeds City region	T/R	LT	M			
11. Housing		EC1	+	Bradford district	T/R	LT	L	<p>Each policy → significant economic and employment growth → could make the construction of new homes in Bradford more viable in various locations.</p> <p>EC3RA1 → no policy → no impact</p> <p>Recommendations: None</p>
		EC1RA1	+	Bradford district	T/R	LT	L	
		EC1RA2	+	Bradford district	T/R	LT	L	
		EC2	+	Bradford district	T/R	LT	L	
		EC2RA1	+	Bradford district	T/R	LT	L	
		EC2RA2	+	Bradford district	T/R	LT	L	
		EC2RA3	+	Bradford district	T/R	LT	L	
		EC2RA4	+	Bradford district	T/R	LT	L	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
		EC3	+	Bradford district	T/R	LT	L	
		EC3RA1	O	n/a	n/a	n/a	n/a	
		EC3RA2	+	Bradford district	T/R	LT	L	
		EC3RA3	+	Bradford district	T/R	LT	L	
		EC4	+	Bradford district	T/R	LT	L	
		EC4RA1	+	Bradford district	T/R	LT	L	
		EC4RA2	+	Bradford district	T/R	LT	L	
12. Range of accessible services		EC4RA3	+	Bradford district	T/R	LT	L	<p>EC4 → sustain and enhance the vitality and viability of city, town and district centres → provision of services</p> <p>All policies → new economic and employment development focussed in existing employment areas of the District → amenity of residential areas and neighbourhoods protected from potential harm.</p> <p>EC3RA1 → no policy → no impact</p> <p>Recommendations: None.</p>
		EC1	+	Bradford district	T/R	LT	M	
		EC1RA1	+	Bradford district	T/R	LT	L	
		EC1RA2	+	Bradford district	T/R	LT	L	
		EC2	+	Bradford district	T/R	LT	M	
		EC2RA1	+	Bradford district	T/R	LT	L	
		EC2RA2	+	Bradford district	T/R	LT	L	
		EC2RA3	+	Bradford district	T/R	LT	M	
		EC2RA4	+	Bradford district	T/R	LT	M	
		EC3	+	Bradford district	T/R	LT	M	
		EC3RA1	O	n/a	n/a	n/a	n/a	
		EC3RA2	+	Bradford district	T/R	LT	L	
		EC3RA3	+	Bradford district	T/R	LT	L	
		EC4	++	Bradford district	T/R	LT	M	
EC4RA1	++	Bradford district	T/R	LT	L			
EC4RA2	++	Bradford district	T/R	LT	L			
EC4RA3	++	Bradford district	T/R	LT	M			
13. Social Cohesion		EC1	+	Bradford district	T/R	LT	M	<p>EC4 → sustain and enhance the vitality and viability of city, town and district centres → provision of retail, leisure, entertainment, arts, culture, tourism, sports and recreation spaces → facilitate social mixing and community cohesion.</p> <p>All policies → significant economy and employment growth → reduction in poverty, deprivation & inequality.</p> <p>All policies → new economic and employment development focussed in existing employment areas of the District → amenity of residential areas and neighbourhoods protected from potential harm.</p> <p>EC3RA1 → no policy → no impact</p> <p>Recommendations: None</p>
		EC1RA1	+	Bradford district	T/R	LT	L	
		EC1RA2	+	Bradford district	T/R	LT	L	
		EC2	+	Bradford district	T/R	LT	M	
		EC2RA1	+	Bradford district	T/R	LT	L	
		EC2RA2	+	Bradford district	T/R	LT	L	
		EC2RA3	+	Bradford district	T/R	LT	M	
		EC2RA3	+	Bradford district	T/R	LT	L	
		EC3	+	Bradford district	T/R	LT	L	
		EC3RA1	O	n/a	n/a	n/a	n/a	
		EC3RA2	+	Bradford district	T/R	LT	L	
		EC3RA3	+	Bradford district	T/R	LT	L	
		EC4	++	Bradford district	T/R	LT	M	
		EC4RA1	++	Bradford district	T/R	LT	L	
EC4RA2	++	Bradford district	T/R	LT	L			
EC4RA3	++	Bradford district	T/R	LT	M			
14. Culture & leisure		EC1	+	Bradford district	T/R	LT	M	<p>EC4 → sustain and enhance the vitality and viability of city, town and district centres → provision of retail, leisure, entertainment, arts, culture, tourism, sports and recreation spaces</p> <p>All policies → significant economy and employment growth → reduction in poverty, deprivation & inequality.</p>
		EC1RA1	+	Bradford district	T/R	LT	L	
		EC1RA2	+	Bradford district	T/R	LT	L	
		EC2	+	Bradford district	T/R	LT	M	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
		EC2RA1	+	Bradford district	T/R	LT	L	All policies → new economic and employment development focussed in existing employment areas of the District → amenity & culture & leisure facilities of residential areas and neighbourhoods protected from potential harm. EC3RA1 → no policy → no impact Recommendations: None
		EC2RA2	+	Bradford district	T/R	LT	L	
		EC2RA3	+	Bradford district	T/R	LT	M	
		EC2RA4	+	Bradford district	T/R	LT	L	
		EC3	+	Bradford district	T/R	LT	L	
		EC3RA1	○	n/a	n/a	n/a	n/a	
		EC3RA2	+	Bradford district	T/R	LT	L	
		EC3RA3	+	Bradford district	T/R	LT	L	
		EC4	++	Bradford district	T/R	LT	M	
		EC4RA1	++	Bradford district	T/R	LT	L	
		EC4RA2	++	Bradford district	T/R	LT	L	
		EC4RA3	++	Bradford district	T/R	LT	M	
15. Safe & secure		EC1	○	n/a	n/a	n/a	n/a	All policies → no discernible impacts. Recommendations: None.
		EC1RA1	○	n/a	n/a	n/a	n/a	
		EC1RA2	○	n/a	n/a	n/a	n/a	
		EC2	○	n/a	n/a	n/a	n/a	
		EC2RA1	○	n/a	n/a	n/a	n/a	
		EC2RA2	○	n/a	n/a	n/a	n/a	
		EC2RA3	○	n/a	n/a	n/a	n/a	
		EC2RA4	○	n/a	n/a	n/a	n/a	
		EC3	○	n/a	n/a	n/a	n/a	
		EC3RA1	○	n/a	n/a	n/a	n/a	
		EC3RA2	○	n/a	n/a	n/a	n/a	
		EC3RA3	○	n/a	n/a	n/a	n/a	
		EC4	○	n/a	n/a	n/a	n/a	
		EC4RA1	○	n/a	n/a	n/a	n/a	
EC4RA2	○	n/a	n/a	n/a	n/a			
EC4RA3	○	n/a	n/a	n/a	n/a			
16. Health		EC1	++	Bradford District	T/R	LT	M	All policies → significant improvement to range and quantity of employment opportunities → reduced deprivation, poverty and inequality + boost to mental wellbeing of local people due to improved employment offering. EC3RA1 → no policy → no impact Recommendations: None
		EC1RA1	++	Bradford District	T/R	LT	L	
		EC1RA2	++	Bradford District	T/R	LT	L	
		EC2	+	Bradford district	T/R	LT	M	
		EC2RA1	+	Bradford district	T/R	LT	L	
		EC2RA2	+	Bradford district	T/R	LT	L	
		EC2RA3	+	Bradford district	T/R	LT	M	
		EC2RA4	+	Bradford district	T/R	LT	M	
		EC3	++	Bradford District	T/R	LT	M	
		EC3RA1	○	n/a	n/a	n/a	n/a	
		EC3RA2	++	Bradford District	T/R	LT	L	
		EC3RA3	+	Bradford district	T/R	LT	L	
		EC4	+	Bradford district	T/R	LT	M	
		EC4RA1	+	Bradford district	T/R	LT	L	
EC4RA2	+	Bradford district	T/R	LT	L			
EC4RA3	+	Bradford district	T/R	LT	M			

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
17. Education		EC1	+	Bradford District	T/R	LT	M	<p>Each policy → significant improvement in employment offering for local people → increase in quality and quantity of opportunities for learning new skills applicable to modern jobs.</p> <p>EC3, EC3RA2 & EC3RA3 → major boost to local opportunities for education & skills learning.</p> <p>EC3RA1 → no policy → no impact</p> <p>Recommendations: None.</p>
		EC1RA1	+	Bradford District	T/R	LT	L	
		EC1RA2	+	Bradford District	T/R	LT	L	
		EC2	+	Bradford district	T/R	LT	M	
		EC2RA1	+	Bradford district	T/R	LT	L	
		EC2RA2	+	Bradford district	T/R	LT	L	
		EC2RA3	+	Bradford district	T/R	LT	M	
		EC2RA4	+	Bradford district	T/R	LT	M	
		EC3	++	Bradford District	T/R	LT	M	
		EC3RA1	○	n/a	n/a	n/a	n/a	
		EC3RA2	++	Bradford District	T/R	LT	L	
		EC3RA3	+	Bradford district	T/R	LT	L	
		EC4	+	Bradford district	T/R	LT	M	
		EC4RA1	+	Bradford district	T/R	LT	L	
EC4RA2	+	Bradford district	T/R	LT	L			
EC4RA3	+	Bradford district	T/R	LT	M			
18. Employment		EC1	++	Bradford district	T/R	LT	H	<p>All policies → likely to contribute to significant & regenerative economic growth in Bradford → likely increase in local employment rate, average earnings, number of new start-ups</p> <p>EC1, EC3 & their alternatives → jobs created in Bradford likely to satisfy local requirements</p> <p>EC4 → new economic development in accordance with settlement hierarchy → creation of new employment opportunities of an appropriate type in all settlements including smaller & more rural</p> <p>Recommendations: None.</p>
		EC1RA1	++	Bradford district	T/R	LT	L	
		EC1RA2	++	Bradford district	T/R	LT	L	
		EC2	++	Bradford district	T/R	LT	M	
		EC2RA1	++	Bradford district	T/R	LT	L	
		EC2RA2	++	Bradford district	T/R	LT	L	
		EC2RA3	++	Bradford district	T/R	LT	M	
		EC2RA4	++	Bradford district	T/R	LT	M	
		EC3	++	Bradford district	T/R	LT	H	
		EC3RA1	○	n/a	n/a	n/a	n/a	
		EC3RA2	++	Bradford district	T/R	LT	M	
		EC3RA3	++	Bradford district	T/R	LT	L	
		EC4	++	Bradford district	T/R	LT	M	
		EC4RA1	++	Bradford district	T/R	LT	L	
EC4RA2	++	Bradford district	T/R	LT	L			
EC4RA3	++	Bradford district	T/R	LT	M			
19. Economy		EC1	++	Bradford district	T/R	LT	H	<p>All policies → likely to contribute to significant & regenerative economic growth in Bradford → likely increase in local employment rate, average earnings, number of new start-ups, number of visitors to the District & level of local spend.</p> <p>EC4 → new economic development in accordance with settlement hierarchy → creation of new employment opportunities of an appropriate type in all settlements including smaller & more rural → improved accessibility to jobs for people throughout Bradford.</p> <p>Recommendations: None.</p>
		EC1RA1	++	Bradford district	T/R	LT	L	
		EC1RA2	++	Bradford district	T/R	LT	L	
		EC2	++	Bradford district	T/R	LT	M	
		EC2RA1	++	Bradford district	T/R	LT	L	
		EC2RA2	++	Bradford district	T/R	LT	L	
		EC2RA3	++	Bradford district	T/R	LT	M	
		EC2RA4	++	Bradford district	T/R	LT	L	
		EC3	++	Bradford district	T/R	LT	H	
		EC3RA1	○	n/a	n/a	n/a	n/a	
		EC3RA2	++	Bradford district	T/R	LT	M	
		EC3RA3	++	Bradford district	T/R	LT	L	

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		EC4	++	Bradford district	T/R	LT	M	
		EC4RA1	++	Bradford district	T/R	LT	L	
		EC4RA2	++	Bradford district	T/R	LT	L	
		EC4RA3	++	Bradford district	T/R	LT	M	

Summary of, and assumptions in the assessment of, Thematic Policies (TR1 – TR7) Transport

Policy TR1: Strategic Transport Delivery is under review. The policy would seek to support a series of strategic improvements with the aim of improving existing highways, public transport, walking and cycling networks. The transport investment and management priorities are walking and cycling, heavy rail, public transport, communications, highways and Strategic Transport Delivery. The Strategic Transport Delivery would involve supporting transport plans which improve management and maintenance of, enhance, and/or result in further investment in new or existing transport infrastructure that has the potential to support regeneration or the use of sustainable travel options. Where new or existing transport infrastructure does not have the potential to support regeneration or the use of sustainable travel modes, the Strategic Travel Delivery will support travel plan which aim to maintain, improve and/or invest in it. The policy would be highly likely to contribute to the development of a more integrated transport network and support the District’s transition towards a lower-emission and more sustainable transport system. The policy’s focus on enhancing and maintaining existing transport infrastructure would be an efficient use of Bradford’s resources.

- **TR1 Reasonable Alternative 1 (TR1RA1):** Update the policy but consider a less extensive range of changes. This would not deliver a comprehensive approach to strategic transport project delivery. Impacts likely to be similar but of lower magnitude and certainty.
- **TR1 Reasonable Alternative 2 (TR1RA2):** Break the policy approach into a series of smaller topics or themes. This could increase the complexity of the plan.
- **TR1 Reasonable Alternative 3 (TR1RA3):** Reference projects in a table outside the policy in the reasoned justification rather than linked to transport topics within the policy. This could cause uncertainty over the policy detail.

Policy TR2: Transport and Environment is under review. The policy sets out the approach to managing the interdependence of transport and the environment, ensuring that transport growth must not come at the expense of built, natural or historic environments, that transport projects must safeguard current and future quality of life, and that infrastructure must be planned in context of land-use impacts. The construction, operation and maintenance of transport schemes should manage the full range of environmental considerations and take opportunities to improve outcomes for the environment. The policy is likely to mitigate against the adverse impacts transport development can have on the environment, as well as providing a benefit to human physical and mental well-being and safety.

- **TR2 Reasonable Alternative 1 (TR2RA1):** Integrate policy focus within other transport or environment policies. The interdependence of transport and the environment would be less clear.

Policy TR3: Transport and Development is a new policy. The policy ensures the promotion of sustainable travel in new developments, requiring developments to be in accordance with accessibility standards, to be inclusive, and to encourage and maximise the use of both public and active modes of transport. The policy requires that developments should support enhancement to cycling and walking networks as a priority, followed by public transport networks, and facilitate sites and routes for proposed transport improvement schemes. The policy is highly likely to help facilitate the development of an improved transport network which is more integrated and sustainable, helping to lower emissions while also improving human physical health, safety and quality of life.

- **TR3 Reasonable Alternative 1 (TR3RA1):** Integration of the policy focus within other transport policies or within more generic development management policy. Would not provide a single point of reference for application or development related considerations.

Policy TR4: Transport and Tourism is not under review, as the policy is proposed to be carried forward in the current form. The policy would seek to ensure sustainable access to tourist destinations, heritage and cultural assets and leisure uses, and ensure that they are not adversely affected by the impact of transport. The policy also supports the development of 'transport-based' leisure attractions such as heritage railways, cycle paths and walking trails. New attractions would be required to be located in accordance with accessibility standards. The policy would be likely to contribute towards a more integrated transport network in Bradford and to help reduce congestion and pollution by enabling tourists and visitors to opt for more efficient and sustainable transport modes. TR4 would also help to enhance the recreational, cultural and leisure offering in the District and this would be likely to benefit local people and the local economy.

Policy TR5: Parking Policy is under review. The Council's preferred approach would seek to manage car parking to better control travel demand, heighten the quality of place, encourage the uptake of sustainable travel modes and cater for the needs of disabled people and other groups of society. This would primarily be achieved by reducing the long stay and temporary parking offering in town centres; using on-street parking controls in town centres; the delivery of park and ride facilities and infrastructure; improvement in quality of parking for short-stay uses; charges; and new developments taking a design-led approach to parking. New developments would be assessed against indicative parking standards and encouraged where they minimise the need for parking and actively manage down parking levels. TR2 would be likely to encourage local people to travel into town and city centres via walking, cycling or public transport and this would be likely to lead to a reduction in congestion and pollution. Higher rates of walking and cycling would also be beneficial to the mental and physical wellbeing of local people whilst also increasing footfall in central areas. The requirement for new parking facilities to be well integrated into the design of proposals would help to establish safe and pleasant pedestrian environments.

- **TR5 Reasonable Alternative 1 (TR5RA1):** Integration of policy focus within other transport policies or within more generic development management policy. Would not provide a single stand-alone reference for application or development related considerations.

Policy TR6: Freight is under review. The Council's preferred approach would encourage the development of a freight distribution system that makes the most efficient and effective use of all modes of transport, subject to environmental considerations. The policy sets out a range of statements under the categories of Avoid, Plan, Shift, Consolidate, Improve and Mitigate, which planning and development decisions as well as transport policies should aim to do. Achieving this would be likely to contribute to the transition towards a more integrated transport system in Bradford with reduced congestion and pollution, particularly due to the commitment to 'support measures to reduce the adverse impact of freight movements on air quality', reduce freight movements and use low or zero carbon emission vehicles. However, the policy would 'encourage the development of sites for new secure HGV parking facilities' and provide 'appropriate levels of freight parking within new developments', and this would be likely to result in a net increase in HGV movements in Bradford as well as any congestion or pollution associated with this. TR6 would seek to improve security at HGV park facilities and would thus contribute towards improving safety and security for people and property. The policy would also be likely to improve employment and investment opportunities in the freight industry in Bradford.

- **TR6 Reasonable Alternative 1 (TR6RA1):** Update the policy but include a narrow range of policy considerations or reduced range of changes. This would present a less focused approach to the policy topic.

Policy TR7: Aircraft Safety is under review. The policy would prevent development that creates a hazard to the safe operation of aircraft, aerodromes or aircraft navigation facilities, thereby facilitating continued safe operation of the airport. For new development within the safeguarded areas, the Council will consider height and design; potential hazard to birds; and likely impact on air traffic control methods or systems and aircraft movements. It is unclear if this would lead to an increase in flight operations at the airport, but the impact of airport and flight operations on local GHG emissions and air quality would be likely to continue.

- **TR7 Reasonable Alternative 1 (TR7RA1):** Do not update the policy and include reference to Part A of the policy only, with further planning application considerations within the reasoned justification to the policy. The inclusion of planning applications considerations outside of the policy would not provide sufficient weighting.

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
1. Energy & GHGs		TR1	+	Bradford District	T/I	LT	M	TR1, TR2, TR3, TR4 and TR5 → enhanced public and sustainable transport routes → reduced GHGs. TR1 → reduced travel need through improvements to communications infrastructure → reduced GHG emissions from transport. TR6 → increased freight activity → increase GHG emissions → mitigated to some extent by more efficient and sustainable freight options as well as air quality protection measures. TR7 → safeguards the operation of the airport → continued GHG emissions associated with air travel. TR1RA1, TR1RA2, TR1RA3, TR2RA1, TR3RA1 & TR5RA1 → similar impacts to preferred options but likely of lower magnitude and/or with less probability. Recommendations: None.
		TR1RA1	+	Bradford District	T/I	LT	L	
		TR1RA2	+	Bradford District	T/I	LT	L	
		TR1RA3	+	Bradford District	T/I	LT	L	
		TR2	++	Bradford District	T/R	LT	M	
		TR2RA1	+	Bradford District	T/I	LT	L	
		TR3	+	Bradford District	T/R	LT	M	
		TR3RA1	+	Bradford District	T/R	LT	L	
		TR4	+	Bradford District	T/R	LT	M	
		TR5	+	Bradford District	T/R	LT	M	
		TR5RA1	+	Bradford District	T/R	LT	L	
		TR6	-	Bradford District	T/I	LT	L	
		TR6RA1	-	Bradford District	T/I	LT	L	
TR7	-	Bradford District	T/I	LT	L			
TR7RA1	-	Bradford District	T/I	LT	L			
2. Waste		TR1	+	Bradford District	T/R	LT	M	TR1, TR1RA1, TR1RA2, TR1RA3 → prioritise the enhancement of existing infrastructure before developing new infrastructure → makes efficient use of resources → reduces waste. TR1 likely to have impacts of greater magnitude and certainty. TR3, TR4, TR5, TR6, TR7 and their alternatives → no discernible impact. Recommendations: None.
		TR1RA1	+	Bradford District	T/R	LT	L	
		TR1RA2	+	Bradford District	T/R	LT	L	
		TR1RA3	+	Bradford District	T/R	LT	L	
		TR2	○	n/a	n/a	n/a	H	
		TR2RA1	○	n/a	n/a	n/a	H	
		TR3	○	n/a	n/a	n/a	H	
		TR3RA1	○	n/a	n/a	n/a	H	
		TR4	○	n/a	n/a	n/a	H	
		TR5	○	n/a	n/a	n/a	H	
		TR5RA1	○	n/a	n/a	n/a	H	
		TR6	○	n/a	n/a	n/a	H	
		TR6RA1	○	n/a	n/a	n/a	H	
TR7	○	n/a	n/a	n/a	H			
TR7RA1	○	n/a	n/a	n/a	H			
3. Land & buildings		TR1	+	Bradford District	T/R	LT	M	TR1, TR1A1, TR2RA2, TR1RA3 → prioritise the enhancement of existing infrastructure before developing new infrastructure → efficient use of existing buildings and infrastructure. TR1 likely to have impacts of greater magnitude and certainty. TR2, TR3, TR4, TR5, TR6, TR8 and their alternatives → no discernible impacts.
		TR1RA1	+	Bradford District	T/R	LT	L	
		TR1RA2	+	Bradford District	T/R	LT	L	
		TR1RA3	+	Bradford District	T/R	LT	L	
		TR2	○	n/a	n/a	n/a	H	
		TR2RA1	○	n/a	n/a	n/a	H	
TR3	○	n/a	n/a	n/a	H			

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
		TR3RA1	O	n/a	n/a	n/a	H	Recommendations: None.
		TR4	O	n/a	n/a	n/a	H	
		TR5	O	n/a	n/a	n/a	H	
		TR5RA1	O	n/a	n/a	n/a	H	
		TR6	O	n/a	n/a	n/a	H	
		TR6RA1	O	n/a	n/a	n/a	H	
		TR7	O	n/a	n/a	n/a	H	
TR7RA1	O	n/a	n/a	n/a	n/a	H		
4. Climate change vulnerability		TR1	+	Bradford District	T/R	LT	L	TR1, TR2, TR3, TR4 and TR5 & alternatives → enhanced public and sustainable transport → reduction in the need for road building → help to prevent increase in built development and the potential for more active travel routes/GI → aid climate change adaptation TR2 & TR2RA1 → developments must take into account environmental considerations → may mean development on greenfield or ecological land is avoided where possible + impacts of development are mitigated. TR2RA1 likely to have impact of a lower magnitude and certainty. TR6, TR7 & alternatives → no discernible impact Recommendations: None.
		TR1RA1	+	Bradford District	T/R	LT	L	
		TR1RA2	+	Bradford District	T/R	LT	L	
		TR1RA3	+	Bradford District	T/R	LT	L	
		TR2	+	Bradford District	T/R	LT	L	
		TR2RA1	+	Bradford District	T/R	LT	L	
		TR3	+	Bradford District	T/R	LT	L	
		TR3RA1	+	Bradford District	T/R	LT	L	
		TR4	+	Bradford District	T/R	LT	L	
		TR5	+	Bradford District	T/R	LT	L	
		TR5RA1	+	Bradford District	T/R	LT	L	
TR6	O	n/a	n/a	n/a	H			
TR6RA1	O	n/a	n/a	n/a	H			
TR7	O	n/a	n/a	n/a	H			
TR7RA1	O	n/a	n/a	n/a	H			
5. Water resources		TR1	+	Bradford District	T/R	LT	L	TR1, TR2, TR3, TR4 and TR5 & alternatives → enhanced public and sustainable transport → reduction in the need for road building → help to prevent increase in built development and the potential for more active travel routes/GI → may help to manage flood risks TR6, TR7 & alternatives → no discernible impact Recommendations: None.
		TR1RA1	+	Bradford District	T/R	LT	L	
		TR1RA2	+	Bradford District	T/R	LT	L	
		TR1RA3	+	Bradford District	T/R	LT	L	
		TR2	+	Bradford District	T/R	LT	L	
		TR2RA1	+	Bradford District	T/R	LT	L	
		TR3	+	Bradford District	T/R	LT	L	
		TR3RA1	+	Bradford District	T/R	LT	L	
		TR4	+	Bradford District	T/R	LT	L	
		TR5	+	Bradford District	T/R	LT	L	
		TR5RA1	+	Bradford District	T/R	LT	L	
TR6	O	n/a	n/a	n/a	H			
TR6RA1	O	n/a	n/a	n/a	H			
TR7	O	n/a	n/a	n/a	H			
TR7RA1	O	n/a	n/a	n/a	H			
6. Biodiversity & geodiversity		TR1	O	n/a	n/a	n/a	H	TR1, TR3, TR5, TR7 & their alternatives → no discernible impacts. TR2 & TR2RA1 → developments must take into account environmental considerations → may mean development on greenfield or ecological land is avoided where possible + impacts of development are mitigated. TR2RA1 likely to have impact of a lower magnitude and certainty.
		TR1RA1	O	n/a	n/a	n/a	H	
		TR1RA2	O	n/a	n/a	n/a	H	
		TR1RA3	O	n/a	n/a	n/a	H	
		TR2	++	Bradford District	T/R	LT	L	
TR2RA1	+	Bradford District	T/R	LT	L			

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
		TR3	○	n/a	n/a	n/a	H	TR4 → increased visitor numbers at biodiversity sites e.g. South Pennine Moors → ecotourism opportunities & investment for protection/enhancement of sites (positive) vs. increase in disturbances of habitats (negative). TR6 & TR6RA1 → increased freight activity → increased atmospheric nitrogen deposition → potential impacts on nitrogen sensitive habitats → mitigated to some extent by focus on using low or carbon neutral vehicles. TR6 & TR6RA1 → new freight infrastructure → potential loss of greenfield or disruption to ecological connectivity. Recommendations: None.
		TR3RA1	○	n/a	n/a	n/a	H	
		TR4	±/-	Bradford District	P/I	LT	L	
		TR5	○	n/a	n/a	n/a	H	
		TR5RA1	○	n/a	n/a	n/a	H	
		TR6	-	Bradford District	P/I	LT	L	
		TR6RA1	-	Bradford District	P/I	LT	L	
		TR7	○	n/a	n/a	n/a	H	
TR7RA1	○	n/a	n/a	n/a	H			
7. Landscape & townscape		TR1	+	Bradford District	T/R	LT	M	TR5 → design led approach to integrating parking developments → improve townscape. TR1, TR2, TR3, TR4, TR5 & their alternatives → reduce congestion → reduced impacts on townscape character. Impacts of alternatives likely to be of a lesser magnitude and certainty. TR2 → protection of built, natural and historic environments → maintains an attractive and pleasant townscape + potential to maintain greenfield landscape. TR2RA1 to have a similar impact but lesser magnitude and certainty. TR4, TR6, & TR6RA1 → potential for new transport infrastructure in rural areas → risk of negative impact on local landscape and townscape character. Recommendations: None.
		TR1RA1	+	Bradford District	T/R	LT	L	
		TR1RA2	+	Bradford District	T/R	LT	L	
		TR1RA3	+	Bradford District	T/R	LT	L	
		TR2	++	Bradford District	T/R	LT	L	
		TR2RA1	+	Bradford District	T/R	LT	L	
		TR3	+	Bradford District	T/R	LT	M	
		TR3RA1	+	Bradford District	T/R	LT	L	
		TR4	-	Bradford District	P/I	LT	L	
		TR5	+	Bradford District	T/R	LT	M	
		TR5RA1	+	Bradford District	T/R	LT	L	
		TR6	-	Bradford District	P/I	LT	M	
		TR6RA1	-	Bradford District	P/I	LT	L	
TR7	○	n/a	n/a	n/a	H			
TR7RA1	○	n/a	n/a	n/a	H			
8. Cultural heritage		TR1	+	Bradford District	T/R	LT	M	TR1, TR2, TR3, TR4, TR5 & their alternatives → enhanced sustainable transport options → reduced congestion → enhanced setting of Conservation Areas. Impacts of alternatives likely to be of lesser magnitude and certainty. TR2 → protection of built, natural and historic environments → cultural heritage assets are protected and enhanced. TR2RA1 to have a similar impact but lesser magnitude and certainty. TR5 & TR5RA1 → design led approach to parking developments → improved street scene → enhanced setting of heritage assets. TR4 → improved accessibility of visitor attractions including heritage assets + development and maintenance of attractions, such as heritage railways → protected and enhanced heritage assets and local people more able to access and appreciate them. Recommendations: None
		TR1RA1	+	Bradford District	T/R	LT	L	
		TR1RA2	+	Bradford District	T/R	LT	L	
		TR1RA3	+	Bradford District	T/R	LT	L	
		TR2	++	Bradford District	T/R	LT	L	
		TR2RA1	+	Bradford District	T/R	LT	L	
		TR3	+	Bradford District	T/R	LT	M	
		TR3RA1	+	Bradford District	T/R	LT	L	
		TR4	++	Bradford District	T/R	LT	M	
		TR5	+	Bradford District	T/R	LT	M	
		TR5RA1	+	Bradford District	T/R	LT	L	
		TR6	○	n/a	n/a	n/a	H	
		TR6RA1	○	n/a	n/a	n/a	H	
TR7	○	n/a	n/a	n/a	H			
TR7RA1	○	n/a	n/a	n/a	H			
9. Air quality		TR1	++	Bradford District	T/R	LT	M	TR1, TR2, TR3, TR4, TR5 & their alternatives → enhanced sustainable transport routes → reduced vehicular pollution. Alternatives to have similar impacts but of lower magnitude and certainty. TR1 & alternatives → reduced travel need due to improved communications + reduced travel times due to increased efficiency → reduced pollution from transport.
		TR1RA1	+	Bradford District	T/R	LT	L	
		TR1RA2	+	Bradford District	T/R	LT	L	
		TR1RA3	+	Bradford District	T/R	LT	L	
		TR2	++	Bradford District	T/R	LT	M	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
		TR2RA1	+	Bradford District	T/R	LT	L	<p>TR6 → increased freight activity → increased vehicular pollution → mitigated to some extent by more efficient and sustainable freight options as well as air quality protection measures.</p> <p>TR8 → safeguards the operation of the airport → continued air pollution associated with airport & flights.</p> <p>Recommendations: None</p>
		TR3	+	Bradford District	T/R	LT	M	
		TR3RA1	+	Bradford District	T/R	LT	L	
		TR4	+	Bradford District	T/R	LT	M	
		TR5	+	Bradford District	T/R	LT	M	
		TR5RA1	+	Bradford District	T/R	LT	L	
		TR6	-	Bradford District	T/I	LT	L	
		TR6RA1	-	Bradford District	T/I	LT	L	
		TR7	O	n/a	n/a	n/a	n/a	
		TR7RA1	O	n/a	n/a	n/a	n/a	
10. Transport		TR1	++	Bradford District	T/R	LT	M	<p>Each Transport policy → integrated and more efficient and sustainable transport network.</p> <p>TR1, TR2, TR3, TR4, TR5 & alternatives → encourage sustainable and/or active transport + fewer, shorter and increasingly efficient movements → lower-emission transport system. Alternatives likely to have a similar impact of lesser magnitude and certainty.</p> <p>TR6 → ensures the most efficient modes for freight transport are used + encourages a reduction of freight movements by surface transport → encourages rail freight → reduces congestion and demand of HGV.</p> <p>Recommendations: None.</p>
		TR1RA1	+	Bradford District	T/R	LT	L	
		TR1RA2	+	Bradford District	T/R	LT	L	
		TR1RA3	+	Bradford District	T/R	LT	L	
		TR2	++	Bradford District	T/R	LT	M	
		TR2RA1	+	Bradford District	T/R	LT	L	
		TR3	++	Bradford District	T/R	LT	M	
		TR3RA1	+	Bradford District	T/R	LT	L	
		TR4	++	Bradford District	T/R	LT	M	
		TR5	+	Bradford District	T/R	LT	H	
		TR5RA1	+	Bradford District	T/R	LT	L	
		TR6	+	Bradford District	T/R	LT	H	
		TR6RA1	+	Bradford District	T/R	LT	L	
TR7	+	Bradford District	T/R	LT	H			
TR7RA1	+	Bradford District	T/R	LT	L			
11. Housing		TR1	O	n/a	n/a	n/a	H	<p>No discernible impacts from any of the Transport policies or their alternatives.</p> <p>Recommendations: None.</p>
		TR1RA1	O	n/a	n/a	n/a	H	
		TR1RA2	O	n/a	n/a	n/a	H	
		TR1RA3	O	n/a	n/a	n/a	H	
		TR2	O	n/a	n/a	n/a	H	
		TR2RA1	O	n/a	n/a	n/a	H	
		TR3	O	n/a	n/a	n/a	H	
		TR3RA1	O	n/a	n/a	n/a	H	
		TR4	O	n/a	n/a	n/a	H	
		TR5	O	n/a	n/a	n/a	H	
		TR5RA1	O	n/a	n/a	n/a	H	
		TR6	O	n/a	n/a	n/a	H	
		TR6RA1	O	n/a	n/a	n/a	H	
TR7	O	n/a	n/a	n/a	H			
TR7RA1	O	n/a	n/a	n/a	H			
12. Range of accessible services		TR1	++	Bradford District	T/R	LT	M	<p>TR1, TR2, TR3, TR4, TR5 & alternatives → more efficient and integrated transport system → enhanced accessibility of services. Alternatives to have similar impacts of lesser magnitude and certainty.</p>
		TR1RA1	+	Bradford District	T/R	LT	L	
		TR1RA2	+	Bradford District	T/R	LT	L	
		TR1RA3	+	Bradford District	T/R	LT	L	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
		TR2	++	Bradford District	T/R	LT	M	TR6, TR6RA1. TR7 & TR7RA1 → no discernible impacts Recommendations: None.
		TR2RA1	+	Bradford District	T/R	LT	L	
		TR3	++	Bradford District	T/R	LT	M	
		TR3RA1	+	Bradford District	T/R	LT	L	
		TR4	++	Bradford District	T/R	LT	M	
		TR5	+	Bradford District	T/R	LT	M	
		TR5RA1	+	Bradford District	T/R	LT	L	
		TR6	○	n/a	n/a	n/a	H	
		TR6RA1	○	n/a	n/a	n/a	H	
		TR7	○	n/a	n/a	n/a	H	
TR7RA1	○	n/a	n/a	n/a	H			
13. Social Cohesion		TR1	++	Bradford District	T/R	LT	M	TR1, TR2, TR3, TR4, TR5 & alternatives → enhanced walking and cycling options → facilitates social interactions + more permeable neighbourhoods + reduced risk of isolation. Alternatives to have similar impacts of lesser magnitude and certainty. TR6, TR6RA1. TR7 & TR7RA1 → no discernible impacts. Recommendations: None.
		TR1RA1	+	Bradford District	T/R	LT	L	
		TR1RA2	+	Bradford District	T/R	LT	L	
		TR1RA3	+	Bradford District	T/R	LT	L	
		TR2	++	Bradford District	T/R	LT	M	
		TR2RA1	+	Bradford District	T/R	LT	L	
		TR3	++	Bradford District	T/R	LT	M	
		TR3RA1	+	Bradford District	T/R	LT	L	
		TR4	++	Bradford District	T/R	LT	M	
		TR5	+	Bradford District	T/R	LT	M	
TR5RA1	+	Bradford District	T/R	LT	L			
TR6	○	n/a	n/a	n/a	H			
TR6RA1	○	n/a	n/a	n/a	H			
TR7	○	n/a	n/a	n/a	H			
TR7RA1	○	n/a	n/a	n/a	H			
14. Culture & leisure		TR1	++	Bradford District	T/R	LT	M	TR1, TR2, TR3, TR4, TR5 & alternatives → more efficient and integrated transport system → enhanced accessibility of leisure & cultural areas. Alternatives to have similar impacts of lesser magnitude and certainty. TR4 → sustainable access to + creation of tourist destinations and leisure spaces → enhanced access to leisure & culture areas. TR6, TR6RA1. TR7 & TR7RA1 → no discernible impacts Recommendations: None.
		TR1RA1	+	Bradford District	T/R	LT	L	
		TR1RA2	+	Bradford District	T/R	LT	L	
		TR1RA3	+	Bradford District	T/R	LT	L	
		TR2	++	Bradford District	T/R	LT	M	
		TR2RA1	+	Bradford District	T/R	LT	L	
		TR3	++	Bradford District	T/R	LT	M	
		TR3RA1	+	Bradford District	T/R	LT	L	
		TR4	++	Bradford District	T/R	LT	M	
		TR5	+	Bradford District	T/R	LT	M	
TR5RA1	+	Bradford District	T/R	LT	L			
TR6	○	n/a	n/a	n/a	H			
TR6RA1	○	n/a	n/a	n/a	H			
TR7	○	n/a	n/a	n/a	H			
TR7RA1	○	n/a	n/a	n/a	H			
15. Safe & secure		TR1	+	Bradford District	T/R	LT	M	TR1 & alternatives → improvements to infrastructure + regeneration → safe infrastructure for travelling
		TR1RA1	+	Bradford District	T/R	LT	L	
		TR1RA2	+	Bradford District	T/R	LT	L	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
		TR1RA3	+	Bradford District	T/R	LT	L	TR1, TR2, TR3 and TR4 & alternatives → enhanced walking and cycling options → designated areas improve safety for walkers and cyclists + increased surveillance. TR5, TR6 & alternatives → parking development specifically designed to ensure safety and security for people and property. TR7 & alternatives → prevents development that would cause a hazard to aircraft → ensures safe operation of aircraft. Alternatives → similar impacts to preferred options but likely of lower magnitude with less probability. Recommendations: None.
		TR2	+	Bradford District	T/R	LT	M	
		TR2RA1	+	Bradford District	T/R	LT	L	
		TR3	+	Bradford District	T/R	LT	M	
		TR3RA1	+	Bradford District	T/R	LT	L	
		TR4	+	Bradford District	T/R	LT	M	
		TR5	++	Bradford District	T/R	LT	M	
		TR5RA1	+	Bradford District	T/R	LT	L	
		TR6	++	Bradford District	T/R	LT	M	
		TR6RA1	+	Bradford District	T/R	LT	L	
16. Health		TR7	+	Bradford District	T/R	LT	M	Recommendations: None.
		TR7RA1	+	Bradford District	T/R	LT	L	
		TR1	+	Bradford District	T/R	LT	M	
		TR1RA1	+	Bradford District	T/R	LT	L	
		TR1RA2	+	Bradford District	T/R	LT	L	
		TR1RA3	+	Bradford District	T/R	LT	L	
		TR2	++	Bradford District	T/R	LT	M	
		TR2RA1	+	Bradford District	T/R	LT	L	
		TR3	+	Bradford District	T/R	LT	M	
		TR3RA1	+	Bradford District	T/R	LT	L	
17. Education		TR4	+	Bradford District	T/R	LT	M	TR2 & alternatives → enhanced environment + focus on active travel → benefits to mental and physical wellbeing. TR2RA1 to have impacts of lesser magnitude and certainty. TR5, TR7 & alternatives → no discernible impacts. TR6 & TR6RA1 → increased freight activity → increased particulate matter pollution → adverse impacts on human health, mitigated to some extent by focus on sustainable options and inclusion of air quality protection measures. TR6RA1 impacts similar but of lower magnitude and certainty. Recommendations: None.
		TR5	○	n/a	n/a	n/a	H	
		TR5RA1	○	n/a	n/a	n/a	H	
		TR6	-	Bradford District	T/I	LT	M	
		TR6RA1	-	Bradford District	T/I	LT	L	
		TR7	○	n/a	n/a	n/a	H	
		TR7RA1	○	n/a	n/a	n/a	H	
		TR1	+	Bradford District	T/R	LT	M	
		TR1RA1	+	Bradford District	T/R	LT	L	
		TR1RA2	+	Bradford District	T/R	LT	L	
18. Employment		TR1RA3	+	Bradford District	T/R	LT	L	TR1, TR2, TR3 & alternatives → enhanced walking, cycling and public transport options → more sustainable access to education facilities. Alternatives impacts similar but of lower magnitude and certainty. TR1, TR3 & alternatives → development of integrated transport system → improves connectivity to/from isolated areas → improves access to education facilities. Alternatives impacts similar but of lower magnitude and certainty. Recommendations: None.
		TR2	+	Bradford District	T/R	LT	M	
		TR2RA1	+	Bradford District	T/R	LT	L	
		TR3	+	Bradford District	T/R	LT	M	
		TR3RA1	+	Bradford District	T/R	LT	L	
		TR4	○	n/a	n/a	n/a	H	
		TR5	○	n/a	n/a	n/a	H	
		TR5RA1	○	n/a	n/a	n/a	H	
		TR6	○	n/a	n/a	n/a	H	
		TR6RA1	○	n/a	n/a	n/a	H	
TR7	○	n/a	n/a	n/a	H			
TR7RA1	○	n/a	n/a	n/a	H			
18. Employment		TR1	+	Bradford District	T/R	LT	M	TR1, TR2, TR3, TR4, TR5 & alternatives → enhanced walking, cycling and public transport options → more sustainable access to employment facilities for all people
		TR1RA1	+	Bradford District	T/R	LT	L	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
		TR1RA2	+	Bradford District	T/R	LT	L	<p>TR6 & TR6RA1 → development of Bradford's freight industry → increased employment opportunities and growing revenues in the freight sector.</p> <p>TR7 & TR7RA1 → safeguards the operation of Leeds-Bradford airport → continued economic viability of the airport.</p> <p>Recommendations: None.</p>
		TR1RA3	+	Bradford District	T/R	LT	L	
		TR2	+	Bradford District	T/R	LT	L	
		TR2RA1	+	Bradford District	T/R	LT	L	
		TR3	+	Bradford District	T/R	LT	M	
		TR3RA1	+	Bradford District	T/R	LT	L	
		TR4	++	Bradford District	T/R	LT	M	
		TR5	○	n/a	n/a	n/a	H	
		TR5RA1	○	n/a	n/a	n/a	H	
		TR6	++	Bradford District	T/R	LT	L	
TR6RA1	+	Bradford District	T/R	LT	L			
		TR7	○	n/a	n/a	n/a	H	
		TR7RA1	○	n/a	n/a	n/a	H	
19. Economy		TR1	++	Bradford District	T/R	LT	M	<p>TR1, TR2, TR3, TR4, TR5 & alternatives → more efficient and sustainable access into town and city centres → increased footfall and enhanced viability of central areas.</p> <p>TR4 → improves access to tourist sites + development of transport-based tourist facilities → increased footfall at tourist attractions → increased revenue from tourism sector.</p> <p>TR5 & TR5RA1 → replacement of long-stay parking with short-stay and enhance park & ride facilities → more permeable town and city centres → increased footfall and more viable centres.</p> <p>TR6 & TR6RA1 → development of Bradford's freight industry → increased employment opportunities and growing revenues in the freight sector.</p> <p>TR7 & TR7RA1 → safeguards the operation of Leeds-Bradford airport → continued economic viability of the airport.</p> <p>Recommendations: None.</p>
		TR1RA1	+	Bradford District	T/R	LT	L	
		TR1RA2	+	Bradford District	T/R	LT	L	
		TR1RA3	+	Bradford District	T/R	LT	L	
		TR2	+	Bradford District	T/R	LT	L	
		TR2RA1	+	Bradford District	T/R	LT	L	
		TR3	++	Bradford District	T/R	LT	M	
		TR3RA1	+	Bradford District	T/R	LT	L	
		TR4	++	Bradford District	T/R	LT	M	
		TR5	+	Bradford District	T/R	LT	L	
		TR5RA1	+	Bradford District	T/R	LT	L	
		TR6	++	Bradford District	T/R	LT	L	
		TR6RA1	+	Bradford District	T/R	LT	L	
TR7	+	Bradford District	T/R	LT	L			
		TR7RA1	+	Bradford District	T/R	LT	L	

Summary of, and assumptions in the assessment of, Thematic Policies (HO1 – HO10) Planning for Homes

Policy HO1 Housing Delivery, Strategic Sites and Managing Growth is under review. The preferred Option would seek to ensure that the required housing is carefully managed and co-ordinated with infrastructure provisions. Housing will be developed on a range of sites, including a variety of locations, types and sizes in order to best meet the demands of the District. The Council will aim to work with key stakeholders and proactively monitor development activity trends in order to support housing delivery plans. The release of land within the Local Plan will be managed and phased in order to deliver housing growth in a sustainable way, while prioritising urban regeneration. Site allocations will reflect the overall spatial strategy of the Local Plan and will aim to ensure there is a wide choice of housing and affordable housing options in higher value areas of the district. The Council will maintain a 5 year supply of sites in order to support future housing delivery.

- **HO1 Reasonable Alternative 1 (HO1RA1)** – Delete the policy as there is no specific requirement in the NPPF to include such a policy or to phase sites – there is however still a need to ensure that sites are delivered in a sustainable manner and housing delivery is a key Government and Council goal. Therefore the policy must be included.
- **HO2 Reasonable Alternative 2 (HO1RA2)** – Phase the release of site for development, with the second phase held until the second half of the plan period. due to the reduced scale of planned growth it is considered less essential for such an approach. While retention of such a policy may have the benefit of supporting the delivery of brownfield land this would be by no means certain to happen given the nature of the housing market, low land values and marginal viability in many such cases.

Policy HO2 Housing Density is under review. Bradford faces a significant challenge in the identification and delivery of sufficient number of homes to meet demand. Policy HO2 seeks to protect land supply from inefficient scheme layouts that provide only a limited form of development and do not provide for the needs of the local community. Developments should aim to achieve a density of 35 dwellings per hectare, with developments in urban areas or with good transport links expected to achieve a density of 50 dwellings per hectare.

- **HO2 Reasonable Alternative 1 (HO2RA1)** would delete the policy. Will leave a gap in the Plan in terms of other development potential which could come forward from further recycling or windfall site including small infill sites (less than 0.2ha)
- **HO2 Reasonable Alternative 2 (HO2RA2)** would rewrite the policy with minimum density requirements only. Would provide insufficient flexibility in the plan in relation to site and local constraints
- **HO3 Reasonable Alternative 3 (HO2RA3)** would specify which locations in the District are required to provide high density housing. Would make the policy long and overly complicated.

Policy HO3 Urban Housing is a new policy. The policy aims to ensure high density housing is high quality, and integrates into the existing urban fabric, and particularly support housing developments in City and Town Centre locations. The policy aims to encourage contemporary design of a range of housing schemes, in order to support the needs of the population and connect residents through provision of facilities and sustainable transport.

- **HO3 Reasonable Alternative 1 (HO3RA1)** would include a specific policy on urban housing schemes.
- **HO3 Reasonable Alternative 2 (HO3RA2)** would not include a specific housing policy on urban housing schemes and would rely on other Local Plan policies to achieve high quality housing.

Policy HO4 Housing Mix – Policy HO4 is under review. The policy is designed to ensure new residential developments provide for a range of housing types to meet the needs of the District’s growing population. All developments of more than 10 homes will be expected to incorporate a mix of housing types, depending on market demand and evidence of local housing need. The policy aims to support the provision of specialist housing for older people and those with disabilities, in line with Policies HO7 and HO8.

- **HO4 Reasonable Alternative 1 (HO4RA1)** would set out specific targets for the housing mix and types, thereby ensuring a range of housing and specialist facilities for those that need it.
- **HO4 Reasonable Alternative 2 (HO4RA2)** would delete the policy. This may result in a poor mix of housing unsuitable for the demands of the region.

Policy HO5 Affordable Housing– Policy HO5 is under review. The policy aims to provide affordable housing and sets out targets for the affordable housing provision on brownfield and greenfield sites. It also sets out the approach to determining affordable housing tenure mix as well as rural affordable housing.

- **HO5 Reasonable Alternative 1 (HO5RA1)** would require district wide affordable housing targets
- **HO5 Reasonable Alternative 2 (HO5RA2)** would require housing targets below the current policy targets and may not result in enough affordable housing for the population.
- **HO5 Reasonable Alternative 3 (HO5RA3)** is an alternative approach to the tenure type and split of the affordable housing required.

Policy HO6 Self Build- Policy HO6 is a new policy. It requires developers to supply at least 5% of plots in developments over 100 homes to be for sale for self-builders. The plots would be required to be on sale and marketed appropriately and may be built on by the developer if no buyer is found.

- **HO6 Reasonable Alternative 1 (HO6RA1)** - A reasonable alternative for this policy would integrate it within another policy but may not be as well developed if integrated.

Policy HO7 Specialist Housing and Accommodation – Policy HO7 is a new policy. It seeks to ensure the delivery of specialist housing for older people, vulnerable people and people with disabilities across the district. Developments designed to meet these accommodation needs will be supported where they meet an identified need, are well designed, are well designed with supporting infrastructure to meet particular needs, and are in accessible locations within town centres or close to public transport and services.

- **HO7 Reasonable Alternative 1 (HO7RA1)** would include the policy with specific requirements for settlements and sub areas
- **HO7 Reasonable Alternative 2 (HO7RA2)** would delete the policy and rely on other Local Plan policies to support delivery of specialist housing.

Policy HO8 Sites for Gypsies, Travellers and Travelling Showpeople – Policy HO8 is under review. The policy sets out the minimum pitches required for Gypsy and Traveller communities and ensures their provision on suitable sites throughout the District. Sites should be accessible to services and will meet the needs of the community.

- **HO8 Reasonable Alternative 1 (HO8RA1)** would raise the minimum number of pitches from 26 to the full cultural need.

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Policy HO9 Housing Standards – This policy is under review and seeks to ensure new housing developments are of high quality, and ensure genuine choice for the residents of the district. All new homes should, as a minimum, meet the Nationally Described Space Standards (NDSS). Houses should be accessible for wheelchair users and should provide private outdoor spaces where possible.

- **HO9 Reasonable Alternative 1 (HO9RA1)** would maintain the current approach and not set out detailed requirements for accessibility and technical standards.
- **HO9 Reasonable Alternative 2 (HO9RA2)** would not require technical standards for housing in the District

Policy HO10 – Overcrowding and Empty Homes – This policy is not under review. The policy sets out the Council’s aims to work with stakeholders to improve the quality of existing housing stock, in particular seeking to address the problems of overcrowding and the proportion of empty homes, with the aid of the Council’s Empty Homes Action Plan.

- **HO10 Reasonable Alternative 1 (HO10RA1)** would integrate the policy within others in the Local Plan.
- **HO10 Reasonable Alternative 2 (HO10RA2)** would not include a specific policy on overcrowding and empty homes and would rely on the Council’s housing strategy only.

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
1. Energy & GHGs		HO1	-	Bradford District	T/R	LT	L	HO2 → encourage higher density housing → energy saving benefits. HO3 & alternatives → seek to locate sites with accessibility to services, facilities and public transport + support site opportunities for decentralised and renewable/ low carbon energies → reduce need for car travel + increase renewable energy generation → reduce residential energy consumption + reduce potential GHG emissions. HO9 → encouraging housing quality → energy efficient improvements HO10 →improving quality of housing stock →energy efficiency HO1 → support the delivery of housing growth → increase in residential energy consumption + increase in residents' use of cars → increase in GHG emissions.
		HO1RA1	-	Bradford District	T/R	LT	L	
		HO1RA2	-	Bradford District	T/R	LT	L	
		HO2	+	Bradford District	T/R	LT	L	
		HO2RA1	+	Bradford District	T/R	LT	L	
		HO2RA2	+	Bradford District	T/R	LT	L	
		HO2RA3	+	Bradford District	T/R	LT	L	
		HO3	+	Bradford District	T/R	LT	L	
		HO3RA1	+	Bradford District	T/R	LT	L	
		HO3RA2	+	Bradford District	T/R	LT	L	
		HO4	○	Bradford District	T/R	LT	L	
		HO4RA1	○	Bradford District	T/R	LT	L	
		HO4RA2	○	Bradford District	T/R	LT	L	
		HO5	○	Bradford District	T/R	LT	M	
		HO5RA1	○	Bradford District	T/R	LT	M	
		HO5RA2	○	Bradford District	T/R	LT	L	
		HO5RA3	○	Bradford District	T/R	LT	L	
		HO6	○	Bradford District	T/R	LT	L	
		HO6RA1	○	Bradford District	T/R	LT	L	
		HO7	○	Bradford District	T/R	LT	L	
		HO7RA1	○	Bradford District	T/R	LT	L	
	HO7RA2	○	Bradford District	T/R	LT	L		
	HO8	○	Bradford District	T/R	LT	L		
	HO8RA1	○	Bradford District	T/R	LT	L		
	HO9	+	Bradford District	T/R	LT	L		
	HO9RA1	+	Bradford District	T/R	LT	L		

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
		HO9RA2	+	Bradford District	T/R	LT	L	Recommendations: Encourage use of renewables at domestic level, ensure good sustainable and active travel links.
		HO10	+	Bradford District	T/R	LT	L	
		HO10RA1	+	Bradford District	T/R	LT	L	
		HO10RA2	+	Bradford District	T/R	LT	L	
2. Waste		HO1	-	Bradford District	T/R	LT	L	<p>HO1 → support the delivery of housing growth → significant construction + increase in residents → increase in construction & residential waste.</p> <p>Policies HO2+HO3 → higher density housing → increased efficiency of material use</p> <p>HO9 → ensure adequate provision of innovative waste collection systems → reduction in domestic waste sent to landfill</p> <p>Recommendations: Ensure provision of adequate recycling and waste management facilities for domestic and construction waste. Include waste management plans.</p>
		HO1RA1	-	Bradford District	T/R	LT	L	
		HO1RA2	-	Bradford District	T/R	LT	L	
		HO2	+	Bradford District	T/R	LT	M	
		HO2RA1	+	Bradford District	T/R	LT	L	
		HO2RA2	+	Bradford District	T/R	LT	L	
		HO2RA3	+	Bradford District	T/R	LT	L	
		HO3	+	Bradford District	T/R	LT	L	
		HO3RA1	+	Bradford District	T/R	LT	L	
		HO3RA2	+	Bradford District	T/R	LT	L	
		HO4	○	Bradford District	T/R	LT	L	
		HO4RA1	○	Bradford District	T/R	LT	L	
		HO4RA2	○	Bradford District	T/R	LT	L	
		HO5	○	Bradford District	T/R	LT	L	
		HO5RA1	○	Bradford District	T/R	LT	L	
		HO5RA2	○	Bradford District	T/R	LT	L	
		HO5RA3	○	Bradford District	T/R	LT	L	
		HO6	○	Bradford District	T/R	LT	M	
		HO6RA1	○	Bradford District	T/R	LT	L	
		HO7	○	Bradford District	T/R	LT	M	
		HO7RA1	○	Bradford District	T/R	LT	L	
		HO7RA2	○	Bradford District	T/R	LT	L	
		HO8	○	Bradford District	T/R	LT	L	
	HO8RA1	○	Bradford District	T/R	LT	L		
	HO9	+	Bradford District	T/R	LT	L		
	HO9RA1	+	Bradford District	T/R	LT	L		
	HO9RA2	+	Bradford District	T/R	LT	L		
	HO10	+	Bradford District	T/R	LT	L		
	HO10RA1	+	Bradford District	T/R	LT	L		
	HO10RA2	+	Bradford District	T/R	LT	L		
3. Land & buildings		HO1	-	Bradford District	T/R	LT	L	<p>HO1, HO4 → support the delivery of significant number of new homes → significant quantity of land to be developed on</p> <p>HO2+HO3 → increase in density of housing in urban areas → less land to be developed on for more homes than other policies.</p> <p>HO6 → potential for development on greenfield sites and further loss of Green Belt land</p> <p>HO10 → repurpose empty properties for housing → reduce building on Green Belt and greenfield sites. HO10RA2 would not include a specific policy on this, thus would not see significant impact.</p>
		HO1RA1	-	Bradford District	T/R	LT	L	
		HO1RA2	-	Bradford District	T/R	LT	L	
		HO2	+	Bradford District	T/R	LT	M	
		HO2RA1	+	Bradford District	T/R	LT	L	
		HO2RA2	+	Bradford District	T/R	LT	L	
		HO2RA3	+	Bradford District	T/R	LT	L	
	HO3	+	Bradford District	T/R	LT	L		
	HO3RA1	+	Bradford District	T/R	LT	L		
	HO3RA2	+	Bradford District	T/R	LT	L		

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
		HO4	-	Bradford District	T/R	LT	M	HO5, HO7, HO8, HO9 →no discernible impacts on SA Objective. Recommendations: Reuse of PDL and existing housing stock where possible and minimising greenfield and greenbelt release.
		HO4RA1	-	Bradford District	T/R	LT	L	
		HO4RA2	-	Bradford District	T/R	LT	L	
		HO5	○	Bradford District	T/R	LT	M	
		HO5RA1	○	Bradford District	T/R	LT	L	
		HO5RA2	○	Bradford District	T/R	LT	L	
		HO5RA3	○	Bradford District	T/R	LT	L	
		HO6	-	Bradford District	T/R	LT	L	
		HO6RA1	-	Bradford District	T/R	LT	L	
		HO7	○	Bradford District	T/R	LT	L	
		HO7RA1	○	Bradford District	T/R	LT	L	
		HO7RA2	○	Bradford District	T/R	LT	L	
		HO8	○	Bradford District	T/R	LT	L	
		HO8RA1	○	Bradford District	T/R	LT	L	
		HO9	○	Bradford District	T/R	LT	L	
		HO9RA1	○	Bradford District	T/R	LT	L	
		HO9RA2	○	Bradford District	T/R	LT	L	
		HO10	++	Bradford District	T/R	LT	L	
HO10RA1	++	Bradford District	T/R	LT	L			
HO10RA2	+	Bradford District	T/R	LT	L			
4. Climate change vulnerability		HO1	-	Bradford District	T/R	LT	L	HO6, HO7, HO8 → support significant residential development → likely loss of greenfield → increase in impermeable surfaces could alter flood risk. HO2, HO2RA1, RA2, RA3→ lower housing densities→ greater opportunity for SUDs and GI → lower flood risk HO3 & alternatives→ higher density housing → housing has lower footprint and lower area of impermeable surfaces HO10 →promote reuse of brownfield sites→prevent further loss of greenfield and natural flood protection Recommendations: Inclusion of GI, SUDs and flood storage into developments and require development proposals to include measure to mitigate effects of and contribution to climate change.
		HO1RA1	-	Bradford District	T/R	LT	L	
		HO1RA2	-	Bradford District	T/R	LT	L	
		HO2	+	Bradford District	T/R	LT	L	
		HO2RA1	+	Bradford District	T/R	LT	L	
		HO2RA2	+	Bradford District	T/R	LT	L	
		HO2RA3	+	Bradford District	T/R	LT	L	
		HO3	+	Bradford District	T/R	LT	L	
		HO3RA1	+	Bradford District	T/R	LT	L	
		HO3RA2	+	Bradford District	T/R	LT	L	
		HO4	○	Bradford District	T/R	LT	L	
		HO4RA1	○	Bradford District	T/R	LT	L	
		HO4RA2	○	Bradford District	T/R	LT	L	
		HO5	○	Bradford District	T/R	LT	L	
		HO5RA1	○	Bradford District	T/R	LT	L	
		HO5RA2	○	Bradford District	T/R	LT	L	
		HO5RA3	○	Bradford District	T/R	LT	L	
		HO6	-	Bradford District	T/R	LT	L	
		HO6RA1	-	Bradford District	T/R	LT	L	
		HO7	○	Bradford District	T/R	LT	L	
HO7RA1	○	Bradford District	T/R	LT	L			
HO7RA2	○	Bradford District	T/R	LT	L			
HO8	-	Bradford District	T/R	LT	L			

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement	
		HO8RA1	-	Bradford District	T/R	LT	L		
		HO9	○	Bradford District	T/R	LT	L		
		HO9RA1	○	Bradford District	T/R	LT	L		
		HO9RA2	○	Bradford District	T/R	LT	L		
		HO10	+	Bradford District	T/R	LT	L		
		HO10RA1	+	Bradford District	T/R	LT	L		
		HO10RA2	+	Bradford District	T/R	LT	L		
5. Water resources		HO1	-	Bradford District	T/R	LT	L	All options and alternatives → significant residential development → increase in residential water consumption.	
		HO1RA1	-	Bradford District	T/R	LT	L		
		HO1RA2	-	Bradford District	T/R	LT	L	All options and alternatives → significant residential development → risk of pollution or contamination of natural waterbodies, particularly due to runoff, during construction & operation.	
		HO2	+/-	Bradford District	T/R	LT	L		
		HO2RA1	+/-	Bradford District	T/R	LT	L		
		HO2RA2	+/-	Bradford District	T/R	LT	L	HO2+HO3 & alternatives increased housing density and urban housing → increased water efficiency	
		HO2RA3	+/-	Bradford District	T/R	LT	L		
		HO3	+	Bradford District	T/R	LT	L	HO9 → encouraging high standards of housing → increasing water efficiency of residential properties.	
		HO3RA1	+	Bradford District	T/R	LT	L		
		HO3RA2	+	Bradford District	T/R	LT	L	Recommendations: Impacts likely to be mitigated by SP9. Inclusion of water use minimisation tools could be installed into new homes.	
		HO4	○	Bradford District	T/R	LT	L		
		HO4RA1	○	Bradford District	T/R	LT	L		
		HO4RA2	○	Bradford District	T/R	LT	L		
		HO5	○	Bradford District	T/R	LT	L		
		HO5RA1	○	Bradford District	T/R	LT	L		
		HO5RA2	○	Bradford District	T/R	LT	L		
		HO5RA3	○	Bradford District	T/R	LT	L		
		HO6	○	Bradford District	T/R	LT	L		
		HO6RA1	○	Bradford District	T/R	LT	L		
		HO7	○	Bradford District	T/R	LT	L		
		HO7RA1	○	Bradford District	T/R	LT	L		
		HO7RA2	○	Bradford District	T/R	LT	L		
		HO8	○	Bradford District	T/R	LT	L		
HO8RA1	○	Bradford District	T/R	LT	L				
HO9	+	Bradford District	T/R	LT	L				
HO9RA1	+	Bradford District	T/R	LT	L				
HO9RA2	+	Bradford District	T/R	LT	L				
HO10	+	Bradford District	T/R	LT	L				
HO10RA1	+	Bradford District	T/R	LT	L				
HO10RA2	+	Bradford District	T/R	LT	L				
6. Biodiversity & geodiversity		HO1	--	Bradford District	T/R	LT	L		All options and alternatives → support significant residential development → potential increase in public access associated disturbances at sensitive habitats + potential loss of greenfield → direct loss of wildlife & supporting habitat + impacts on ecological connectivity.
		HO1RA1	-	Bradford District	T/R	LT	L		
		HO1RA2	-	Bradford District	T/R	LT	L	The HRA screening process identified that likely significant effects are triggered in relation to HO1 due to the overall housing numbers and risks relating to urban effects, impacts to supporting habitat, recreation and air quality.	
		HO2	+	Bradford District	T/R	LT	L		
		HO2RA1	+	Bradford District	T/R	LT	L		
HO2RA2	+	Bradford District	T/R	LT	L				
HO2RA3	+	Bradford District	T/R	LT	L				

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		HO3	+	Bradford District	T/R	LT	L	HO3 & alternatives → focus on urban sites and brownfield → less impact on biodiversity and geodiversity than other policies → may include provisions for green spaces on previously developed land.
		HO3RA1	+	Bradford District	T/R	LT	L	
		HO3RA2	+	Bradford District	T/R	LT	L	HO2 & HO3 → include opportunities for GI → seek to reduce impact upon biodiversity + increase ecological connectivity. Potential less space for GI opportunities to reduce significance of effects.
		HO4	-	Bradford District	T/R	LT	L	
		HO4RA1	-	Bradford District	T/R	LT	L	
		HO4RA2	-	Bradford District	T/R	LT	L	
		HO5	-	Bradford District	T/R	LT	L	
		HO5RA1	-	Bradford District	T/R	LT	L	
		HO5RA2	-	Bradford District	T/R	LT	L	
		HO5RA3	-	Bradford District	T/R	LT	L	
		HO6	-	Bradford District	T/R	LT	L	
		HO6RA1	-	Bradford District	T/R	LT	L	
		HO7	-	Bradford District	T/R	LT	L	
		HO7RA1	-	Bradford District	T/R	LT	L	
		HO7RA2	-	Bradford District	T/R	LT	L	
		HO8	○	n/a	n/a	n/a	L	
		HO8RA1	○	n/a	n/a	n/a	L	
		HO9	-	Bradford District	T/R	LT	L	
		HO9RA1	-	Bradford District	T/R	LT	L	
		HO9RA2	-	Bradford District	T/R	LT	L	
HO10	-	Bradford District	T/R	LT	L	Recommendations: Policies should seek to incorporate greenspaces into housing and community design (HO3, EN1, SP9, CO1)		
HO10RA1	-	Bradford District	T/R	LT	L			
HO10RA2	-	Bradford District	T/R	LT	L			
7. Landscape & townscape		HO1	+/-	Bradford District	T/R	LT	L	All policies & alternatives → delivery of new housing → positive or negative changes to local and District character depending on location and type.
		HO1RA1	+/-	Bradford District	T/R	LT	L	
		HO1RA2	+/-	Bradford District	T/R	LT	L	
		HO2	+/-	Bradford District	T/R	LT	L	HO2, HO3 and all alternatives → support higher density housing → less land take up → reduced impact on heritage setting and Conservation Areas.
		HO2RA1	+/-	Bradford District	T/R	LT	L	
		HO2RA2	+/-	Bradford District	T/R	LT	L	
		HO2RA3	+/-	Bradford District	T/R	LT	L	HO2, HO3 and all alternatives → support higher density housing → less land take up → increased vertical development → greater impact on settings.
		HO3	+	Bradford District	T/R	LT	L	
		HO3RA1	+	Bradford District	T/R	LT	L	HO3+HO10 → regeneration of empty housing + redevelopment of brownfield sites → supporting enhancement to townscape and town character
		HO3RA2	+	Bradford District	T/R	LT	L	
		HO4	+/-	Bradford District	T/R	LT	L	Policies HO4- HO9 → nature of impacts likely to be dependent on integration of GI, design of development and proximity to heritage assets.
		HO4RA1	+/-	Bradford District	T/R	LT	L	
		HO4RA2	+/-	Bradford District	T/R	LT	L	
HO5	+/-	Bradford District	T/R	LT	L			

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
		HO5RA1	+/-	Bradford District	T/R	LT	L	Recommendations: Ensure provision of GI in all developments (CO1, EN1, DS1)
		HO5RA2	+/-	Bradford District	T/R	LT	L	
		HO5RA3	+/-	Bradford District	T/R	LT	L	
		HO6	-	Bradford District	T/R	LT	L	
		HO6RA1	-	Bradford District	T/R	LT	L	
		HO7	+/-	Bradford District	T/R	LT	L	
		HO7RA1	+/-	Bradford District	T/R	LT	L	
		HO7RA2	+/-	Bradford District	T/R	LT	L	
		HO8	+/-	Bradford District	T/R	LT	L	
		HO8RA1	+/-	Bradford District	T/R	LT	L	
		HO9	+/-	Bradford District	T/R	LT	L	
		HO9RA1	+/-	Bradford District	T/R	LT	L	
		HO9RA2	+/-	Bradford District	T/R	LT	L	
		HO10	+	Bradford District	T/R	LT	L	
HO10RA1	+	Bradford District	T/R	LT	L			
HO10RA2	+	Bradford District	T/R	LT	L			
8. Cultural heritage		HO1	+/-	Bradford District	T/R	LT	L	All options and alternatives → support significant residential development → potential positive or negative impacts on setting of heritage assets + historic areas, including Saltaire World Heritage Site.
		HO1RA1	+/-	Bradford District	T/R	LT	L	
		HO1RA2	+/-	Bradford District	T/R	LT	L	Policies HO4- HO9 → nature of impacts likely to be dependent on integration of GI, design of development and proximity to heritage assets
		HO2	+/-	Bradford District	T/R	LT	L	
		HO2RA1	+/-	Bradford District	T/R	LT	L	
		HO2RA2	+/-	Bradford District	T/R	LT	L	
		HO2RA3	+/-	Bradford District	T/R	LT	L	HO2, HO3 and all alternatives → support higher density housing → less land take up → reduced impact on heritage setting and Conservation Areas.
		HO3	+/-	Bradford District	T/R	LT	L	
		HO3RA1	+/-	Bradford District	T/R	LT	L	HO2, HO3 and all alternatives → support higher density housing → less land take up → increased vertical development → greater impact on settings.
		HO3RA2	+/-	Bradford District	T/R	LT	L	
		HO4	+/-	Bradford District	T/R	LT	L	
		HO4RA1	+/-	Bradford District	T/R	LT	L	
		HO4RA2	+/-	Bradford District	T/R	LT	L	
		HO5	+/-	Bradford District	T/R	LT	L	
		HO5RA1	+/-	Bradford District	T/R	LT	L	
		HO5RA2	+/-	Bradford District	T/R	LT	L	
		HO5RA3	+/-	Bradford District	T/R	LT	L	
		HO6	+/-	Bradford District	T/R	LT	L	
		HO6RA1	+/-	Bradford District	T/R	LT	L	
		HO7	+/-	Bradford District	T/R	LT	L	
HO7RA1	+/-	Bradford District	T/R	LT	L			
HO7RA2	+/-	Bradford District	T/R	LT	L			
HO8	+/-	Bradford District	T/R	LT	L			
HO8RA1	+/-	Bradford District	T/R	LT	L			

Appendix D – Policies Assessments

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
		HO9	+/-	Bradford District	T/R	LT	L	Recommendations: None.
		HO9RA1	+/-	Bradford District	T/R	LT	L	
		HO9RA2	+/-	Bradford District	T/R	LT	L	
		HO10	+/-	Bradford District	T/R	LT	L	
		HO10RA1	+/-	Bradford District	T/R	LT	L	
		HO10RA2	+/-	Bradford District	T/R	LT	L	
9. Air quality		HO1	+/-	Bradford District	T/R	LT	L	All options and alternatives → significant residential development → increase in residential energy consumption + increase in residents' use of cars → increase in air pollution + potential to exacerbate existing AQMAs.
		HO1RA1	+/-	Bradford District	T/R	LT	L	
		HO1RA2	+/-	Bradford District	T/R	LT	L	
		HO2	+/-	Bradford District	T/R	LT	L	All options and policies → increase urban housing + density → more residents with access to facilities and public transport → reduced car usage and associated traffic congestion.
		HO2RA1	+/-	Bradford District	T/R	LT	L	
		HO2RA2	+/-	Bradford District	T/R	LT	L	
		HO2RA3	+/-	Bradford District	T/R	LT	L	HO7 → seek to locate sites with accessibility to services, facilities, and public transport + support site opportunities for decentralised and renewable/ low carbon energies → reduce potential air pollution.
		HO3	+/-	Bradford District	T/R	LT	L	
		HO3RA1	+/-	Bradford District	T/R	LT	L	
		HO3RA2	+/-	Bradford District	T/R	LT	L	
		HO4	+/-	Bradford District	T/R	LT	M	
		HO4RA1	+/-	Bradford District	T/R	LT	L	
		HO4RA2	+/-	Bradford District	T/R	LT	L	
		HO5	+/-	Bradford District	T/R	LT	M	
		HO5RA1	+/-	Bradford District	T/R	LT	L	
		HO5RA2	+/-	Bradford District	T/R	LT	L	
		HO5RA3	+/-	Bradford District	T/R	LT	L	
		HO6	+/-	Bradford District	T/R	LT	M	Recommendations: Ensure new housing sites have adequate sustainable transport links to reduce car usage. (TR1 & TR2)
		HO6RA1	+/-	Bradford District	T/R	LT	L	
		HO7	+	Bradford District	T/R	LT	L	
		HO7RA1	+	Bradford District	T/R	LT	L	
		HO7RA2	+	Bradford District	T/R	LT	L	
		HO8	+/-	Bradford District	T/R	LT	L	
HO8RA1	+/-	Bradford District	T/R	LT	L			
HO9	+/-	Bradford District	T/R	LT	L			
HO9RA1	+/-	Bradford District	T/R	LT	L			
HO9RA2	+/-	Bradford District	T/R	LT	L			
HO10	+/-	Bradford District	T/R	LT	L			
HO10RA1	+/-	Bradford District	T/R	LT	L			
HO10RA2	+/-	Bradford District	T/R	LT	L			
10. Transport		HO1	+/-	Bradford District	T/R	LT	L	Policies HO1 – HO3 → significant residential development → potential net increase in total number of local people using cars for regular travel purposes → potential negative impact on congestion.
		HO1RA1	+/-	Bradford District	T/R	LT	L	
		HO1RA2	+/-	Bradford District	T/R	LT	L	
		HO2	+/-	Bradford District	T/R	LT	L	Policies HO1 – HO3 → significant residential development → increase in residents with access to sustainable transport methods → increase in use of public transport + reduction on congestion or increased pressure on capacity of public transport system & walking and cycling routes.
		HO2RA1	+/-	Bradford District	T/R	LT	L	
		HO2RA2	+/-	Bradford District	T/R	LT	L	
		HO2RA3	+/-	Bradford District	T/R	LT	L	
HO3	+/-	Bradford District	T/R	LT	L			

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement	
		HO3RA1	+/-	Bradford District	T/R	LT	L	Policies HO4 – HO10 & all alternatives → no discernible impact on SA Objective. Recommendations: Encourage sustainable travel options and electric car charging points (TR1, TR2 and TR3). Develop Traffic Management Plan. To prevent increased congestion affecting developments.	
		HO3RA2	+/-	Bradford District	T/R	LT	L		
		HO4	○	n/at	n/a	n/a	n/a		L
		HO4RA1	○	n/a	n/a	n/a	n/a		L
		HO4RA2	○	n/a	n/a	n/a	n/a		L
		HO5	○	n/at	n/a	n/a	n/a		L
		HO5RA1	○	n/a	n/a	n/a	n/a		L
		HO5RA2	○	n/a	n/a	n/a	n/a		L
		HO5RA3	○	n/at	n/a	n/a	n/a		L
		HO6	○	n/a	n/a	n/a	n/a		L
		HO6RA1	○	n/a	n/a	n/a	n/a		L
		HO7	○	n/at	n/a	n/a	n/a		L
		HO7RA1	○	n/a	n/a	n/a	n/a		L
		HO7RA2	○	n/a	n/a	n/a	n/a		L
		HO8	○	n/at	n/a	n/a	n/a		L
		HO8RA1	○	n/a	n/a	n/a	n/a		L
		HO9	○	n/at	n/a	n/a	n/a		L
		HO9RA1	○	n/a	n/a	n/a	n/a		L
		HO9RA2	○	n/a	n/a	n/a	n/a		L
		HO10	○	n/at	n/a	n/a	n/a		L
HO10RA1	○	n/a	n/a	n/a	n/a	L			
HO10RA2	○	n/a	n/a	n/a	n/a	L			
11. Housing		HO1	++	Bradford District	T/R	LT	L	All options and alternatives → support, encourage and help to make more likely significant residential development that satisfies housing needs across the District for Bradford's varied and growing population. HO1RA2 → phasing of some sites to second half of plan period → will ensure provision of housing, but may be too slow to supply housing demand HO4, HO4RA1 → provision of sites with mixed housing types → ensure suitability of housing for all residents HO5 all policy alternatives → provision of affordable housing → suitable housing for all residents HO6 → provision of CSB plots → opportunity for housing to suit an individual's needs. HO7+HO9 → ensure provision of housing for older and disabled populations and those with complex care needs. HO9 → ensure housing is to a high standard and appropriate for needs HO8 & HO8RA1 → provide pitches for travellers and travelling people → ensure provision of housing for all communities HO10 → repurposing empty houses to new homes → ensuring maximum housing site capacity	
		HO1RA1	++	Bradford District	T/R	LT	L		
		HO1RA2	+	Bradford District	T/R	LT	L		
		HO2	++	Bradford District	T/R	LT	H		
		HO2RA1	++	Bradford District	T/R	LT	H		
		HO2RA2	++	Bradford District	T/R	LT	H		
		HO2RA3	++	Bradford District	T/R	LT	H		
		HO3	++	Bradford District	T/R	LT	H		
		HO3RA1	++	Bradford District	T/R	LT	H		
		HO3RA2	++	Bradford District	T/R	LT	H		
		HO4	++	Bradford District	T/R	LT	H		
		HO4RA1	++	Bradford District	T/R	LT	L		
		HO4RA2	++	Bradford District	T/R	LT	L		
		HO5	++	Bradford District	T/R	LT	H		
		HO5RA1	++	Bradford District	T/R	LT	M		
		HO5RA2	++	Bradford District	T/R	LT	L		
		HO5RA3	++	Bradford District	T/R	LT	L		
		HO6	++	Bradford District	T/R	LT	H		
HO6RA1	++	Bradford District	T/R	LT	L				

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
		HO7	++	Bradford District	T/R	LT	H	Recommendations: None
		HO7RA1	++	Bradford District	T/R	LT	L	
		HO7RA2	++	Bradford District	T/R	LT	L	
		HO8	++	Bradford District	T/R	LT	M	
		HO8RA1	++	Bradford District	T/R	LT	M	
		HO9	++	Bradford District	T/R	LT	L	
		HO9RA1	++	Bradford District	T/R	LT	L	
		HO9RA2	++	Bradford District	T/R	LT	L	
		HO10	++	Bradford District	T/R	LT	L	
		HO10RA1	++	Bradford District	T/R	LT	L	
HO10RA2	++	Bradford District	T/R	LT	L			
12. Range of accessible services		HO1	+/-	Bradford District	T/R	LT	L	All options and alternatives → significant residential development → new residents able to access services and cultural assets in Bradford → increase in demand could validate the provision of new services & assets. HO2+HO3 & alternatives → provide more housing in urban areas → greater number of people with easier access to services. All options and alternatives → significant residential development → significant number of new homes → growth in residents → additional pressure potentially placed on the capacity of existing services. HO7 & alternatives → more facilities for older and vulnerable people→greater accessibility of services HO8 & HO8RA1 → provision of sites for travelling community→ ensure greater accessibility to services for the community. HO9 → provision of secure cycle storage + wheelchair access → improve accessibility for all residents
		HO1RA1	+/-	Bradford District	T/R	LT	L	
		HO1RA2	+/-	Bradford District	T/R	LT	L	
		HO2	+	Bradford District	T/R	LT	L	
		HO2RA1	+	Bradford District	T/R	LT	L	
		HO2RA2	+	Bradford District	T/R	LT	L	
		HO2RA3	+	Bradford District	T/R	LT	L	
		HO3	+	Bradford District	T/R	LT	L	
		HO3RA1	+	Bradford District	T/R	LT	L	
		HO3RA2	+	Bradford District	T/R	LT	L	
		HO4	+/-	Bradford District	T/R	LT	L	
		HO4RA1	+/-	Bradford District	T/R	LT	L	
		HO4RA2	+/-	Bradford District	T/R	LT	L	
		HO5	+/-	Bradford District	T/R	LT	L	
		HO5RA1	+/-	Bradford District	T/R	LT	L	
		HO5RA2	+/-	Bradford District	T/R	LT	L	
		HO5RA3	+/-	Bradford District	T/R	LT	L	
		HO6	+/-	Bradford District	T/R	LT	L	
		HO6RA1	+/-	Bradford District	T/R	LT	L	
		HO7	+	Bradford District	T/R	LT	L	
		HO7RA1	+	Bradford District	T/R	LT	L	
		HO7RA2	+	Bradford District	T/R	LT	L	
		HO8	+	Bradford District	T/R	LT	L	
HO8RA1	+	Bradford District	T/R	LT	L			
HO9	+	Bradford District	T/R	LT	L			
HO9RA1	+	Bradford District	T/R	LT	L			
HO9RA2	+	Bradford District	T/R	LT	L			

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		HO10	+/-	Bradford District	T/R	LT	L	
		HO10RA1	+/-	Bradford District	T/R	LT	L	
		HO10RA2	+/-	Bradford District	T/R	LT	L	
								Recommendations: <i>Prioritise urban sites with access to services and services with capacity for new users.</i>
13. Social Cohesion		HO1	+	Bradford District	T/R	LT	L	<p>All options and alternatives → significant residential development → potential risk of altering the balance or cohesion of local communities and creating new communities</p> <p>HO4, HO4RA1 → mix of housing types in locations → mix of communities → increase in social cohesion</p> <p>HO5 all alternatives → provision of affordable housing → increased social cohesion + reduction of inequality</p> <p>HO6, HO7, HO8 & HO8RA1 → provision of housing for range of populations with range of needs → reduces isolation for affected populations</p> <p>HO9 → provision of secure cycle storage + wheelchair access → improve accessibility for all residents</p> <p>HO10 → reduce proportion of empty houses → fill neighbourhoods → improve community</p> <p>HO10RA2 → no prioritisation of filling empty houses → leaving communities empty</p>
		HO1RA1	+	Bradford District	T/R	LT	L	
		HO1RA2	+	Bradford District	T/R	LT	L	
		HO2	+	Bradford District	T/R	LT	L	
		HO2RA1	+	Bradford District	T/R	LT	L	
		HO2RA2	+	Bradford District	T/R	LT	L	
		HO2RA3	+	Bradford District	T/R	LT	L	
		HO3	+	Bradford District	T/R	LT	L	
		HO3RA1	+	Bradford District	T/R	LT	L	
		HO3RA2	+	Bradford District	T/R	LT	L	
		HO4	+	Bradford District	T/R	LT	L	
		HO4RA1	+	Bradford District	T/R	LT	L	
		HO4RA2	+	Bradford District	T/R	LT	L	
		HO5	+	Bradford District	T/R	LT	L	
		HO5RA1	+	Bradford District	T/R	LT	L	
		HO5RA2	+	Bradford District	T/R	LT	L	
		HO5RA3	+	Bradford District	T/R	LT	L	
		HO6	+	Bradford District	T/R	LT	L	
		HO6RA1	+	Bradford District	T/R	LT	L	
		HO7	+	Bradford District	T/R	LT	L	
		HO7RA1	+	Bradford District	T/R	LT	L	
		HO7RA2	+	Bradford District	T/R	LT	L	
		HO8	+	Bradford District	T/R	LT	L	
		HO8RA1	+	Bradford District	T/R	LT	L	
		HO9	+	Bradford District	T/R	LT	L	
		HO9RA1	+	Bradford District	T/R	LT	L	
		HO9RA2	+	Bradford District	T/R	LT	L	
		HO10	+	Bradford District	T/R	LT	L	
		HO10RA1	+	Bradford District	T/R	LT	L	
		HO10RA2	-	Bradford District	T/R	LT	L	
								Recommendations: <i>None.</i>
14. Culture & leisure		HO1	+	Bradford District	T/R	LT	L	<p>All options and alternatives → significant residential development in accessible areas + provision of housing for vulnerable populations → new residents able to access culture and leisure facilities in Bradford → increase in demand could validate the provision of facilities + improve quality of life or increase demand on existing facilities.</p>
		HO1RA1	+	Bradford District	T/R	LT	L	
		HO1RA2	+	Bradford District	T/R	LT	L	
		HO2	+	Bradford District	T/R	LT	L	
		HO2RA1	+	Bradford District	T/R	LT	L	
		HO2RA2	+	Bradford District	T/R	LT	L	
		HO2RA3	+	Bradford District	T/R	LT	L	
		HO3	+	Bradford District	T/R	LT	L	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		HO3RA1	+	Bradford District	T/R	LT	L	<i>Recommendations: None.</i>
		HO3RA2	+	Bradford District	T/R	LT	L	
		HO4	+	Bradford District	T/R	LT	L	
		HO4RA1	+	Bradford District	T/R	LT	L	
		HO4RA2	+	Bradford District	T/R	LT	L	
		HO5	+	Bradford District	T/R	LT	L	
		HO5RA1	+	Bradford District	T/R	LT	L	
		HO5RA2	+	Bradford District	T/R	LT	L	
		HO5RA3	+	Bradford District	T/R	LT	L	
		HO6	+	Bradford District	T/R	LT	L	
		HO6RA1	+	Bradford District	T/R	LT	L	
		HO7	+	Bradford District	T/R	LT	L	
		HO7RA1	+	Bradford District	T/R	LT	L	
		HO7RA2	+	Bradford District	T/R	LT	L	
		HO8	+	Bradford District	T/R	LT	L	
		HO8RA1	+	Bradford District	T/R	LT	L	
		HO9	+	Bradford District	T/R	LT	L	
		HO9RA1	+	Bradford District	T/R	LT	L	
		HO9RA2	+	Bradford District	T/R	LT	L	
		HO10	+	Bradford District	T/R	LT	L	
HO10RA1	+	Bradford District	T/R	LT	L			
HO10RA2	-	Bradford District	T/R	LT	L			
15. Safe & secure		HO1	+	Bradford District	T/R	LT	L	Policies HO2 – HO7, HO10 & alternatives → no discernible impact. Policy HO1, HO9 & alternatives → significant residential development → provision of safe accommodation for local people and natural surveillance HO8 & HO8RA2 → provision of sites for travelling communities → safe accommodation for the community with access to utilities → increased housing security. HO8RA1 → no policy → no benefits.
		HO1RA1	+	Bradford District	T/R	LT	L	
		HO1RA2	+	Bradford District	T/R	LT	L	
		HO2	○	n/at	n/a	n/a	L	
		HO2RA1	○	n/a	n/a	n/a	L	
		HO2RA2	○	n/a	n/a	n/a	L	
		HO2RA3	○	n/at	n/a	n/a	L	
		HO3	○	n/a	n/a	n/a	L	
		HO3RA1	○	n/a	n/a	n/a	L	
		HO3RA2	○	n/at	n/a	n/a	L	
		HO4	○	n/a	n/a	n/a	L	
		HO4RA1	○	n/a	n/a	n/a	L	
		HO4RA2	○	n/at	n/a	n/a	L	
		HO5	○	n/a	n/a	n/a	L	
		HO5RA1	○	n/a	n/a	n/a	L	
		HO5RA2	○	n/a	n/a	n/a	L	
		HO5RA3	○	n/at	n/a	n/a	L	
		HO6	○	n/a	n/a	n/a	L	
		HO6RA1	○	n/a	n/a	n/a	L	
		HO7	○	n/at	n/a	n/a	L	
HO7RA1	○	n/a	n/a	n/a	L			
HO7RA2	○	n/a	n/a	n/a	L			

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		HO8	+	Bradford District	T/R	LT	L	Recommendations: None.
		HO8RA1	○	n/a	n/a	n/a	L	
		HO9	+	Bradford District	T/R	LT	L	
		HO9RA1	+	Bradford District	T/R	LT	L	
		HO9RA2	+	Bradford District	T/R	LT	L	
		HO10	○	n/a	n/a	n/a	L	
		HO10RA1	○	n/a	n/a	n/a	L	
16. Health		HO10RA2	○	n/a	n/a	n/a	L	
		HO1	+	Bradford District	T/R	LT	L	Policies HO1, HO4, HO5, & HO8 - HO10 & all alternatives → increase housing provision in accessible locations + facilitate quality housing + proximity to jobs → increase access to health care → improvements to mental and physical health + strengthen communities. Policies HO2 + HO3 & alternatives → increased housing density → reduction in space for GI per person → fewer benefits seen for mental health and access to activity space HO7 & alternatives provision of housing of older and disabled people improved access to health facilities and professionals for those populations. HO7RA1 may achieve this more positively with accurate targets for provision of housing.
		HO1RA1	+	Bradford District	T/R	LT	L	
		HO1RA2	+	Bradford District	T/R	LT	L	
		HO2	+/-	Bradford District	T/R	LT	L	
		HO2RA1	+/-	Bradford District	T/R	LT	L	
		HO2RA2	+/-	Bradford District	T/R	LT	L	
		HO2RA3	+/-	Bradford District	T/R	LT	L	
		HO3	+/-	Bradford District	T/R	LT	L	
		HO3RA1	+/-	Bradford District	T/R	LT	L	
		HO3RA2	+/-	Bradford District	T/R	LT	L	
		HO4	+	Bradford District	T/R	LT	L	
		HO4RA1	+	Bradford District	T/R	LT	L	
		HO4RA2	+	Bradford District	T/R	LT	L	
		HO5	+	Bradford District	T/R	LT	L	
		HO5RA1	+	Bradford District	T/R	LT	L	
		HO5RA2	+	Bradford District	T/R	LT	M	
		HO5RA3	+	Bradford District	T/R	LT	M	
		HO6	+	Bradford District	T/R	LT	L	
		HO6RA1	+	Bradford District	T/R	LT	L	
		HO7	++	Bradford District	T/R	LT	L	
		HO7RA1	++	Bradford District	T/R	LT	L	
		HO7RA2	++	Bradford District	T/R	LT	L	
		HO8	+	Bradford District	T/R	LT	L	
		HO8RA1	+	Bradford District	T/R	LT	L	
		HO9	+	Bradford District	T/R	LT	L	
		HO9RA1	+	Bradford District	T/R	LT	L	
HO9RA2	+	Bradford District	T/R	LT	L			
HO10	+	Bradford District	T/R	LT	L			
HO10RA1	+	Bradford District	T/R	LT	L			
HO10RA2	+	Bradford District	T/R	LT	L			
17. Education		HO1	+	Bradford District	T/R	LT	L	Policies HO1 -HO6, HO9 & HO10 and alternatives → significant residential development → increased pressure on capacity of existing education facilities → uncertain if growth of residential development would place the existing services under excessive pressure or if it would make the delivery of improved/new services more viable.
		HO1RA1	+	Bradford District	T/R	LT	L	
		HO1RA2	+	Bradford District	T/R	LT	L	
		HO2	+	Bradford District	T/R	LT	L	
		HO2RA1	+	Bradford District	T/R	LT	L	
HO2RA2	+	Bradford District	T/R	LT	L			

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		HO2RA3	+	Bradford District	T/R	LT	L	<p>All policies → increase housing provision in accessible locations → greater access to education for more people</p> <p>Recommendations: Encourage provision of educational facilities (CO2) or transportation to local facilities (TR1, TR2)</p>
		HO3	+	Bradford District	T/R	LT	L	
		HO3RA1	+	Bradford District	T/R	LT	L	
		HO3RA2	+	Bradford District	T/R	LT	L	
		HO4	+	Bradford District	T/R	LT	L	
		HO4RA1	+	Bradford District	T/R	LT	L	
		HO4RA2	+	Bradford District	T/R	LT	L	
		HO5	+	Bradford District	T/R	LT	L	
		HO5RA1	+	Bradford District	T/R	LT	L	
		HO5RA2	+	Bradford District	T/R	LT	L	
		HO5RA3	+	Bradford District	T/R	LT	L	
		HO6	+	Bradford District	T/R	LT	L	
		HO6RA1	+	Bradford District	T/R	LT	L	
		HO7	O	n/a	n/a	n/a	H	
		HO7RA1	O	n/a	n/a	n/a	H	
		HO7RA2	O	n/a	n/a	n/a	H	
		HO8	O	n/a	n/a	n/a	H	
		HO8RA1	O	n/a	n/a	n/a	H	
		HO9	+	Bradford District	T/R	LT	L	
		HO9RA1	+	Bradford District	T/R	LT	L	
HO9RA2	+	Bradford District	T/R	LT	L			
HO10	+	Bradford District	T/R	LT	L			
HO10RA1	+	Bradford District	T/R	LT	L			
HO10RA2	+	Bradford District	T/R	LT	L			
18. Employment		HO1	++	Bradford District	T/R	LT	L	<p>Policies HO1 – HO8 & alternatives → significant residential development → significant number of new homes → new residents with good access to Bradford's employment market + larger pool of potential employees for local businesses to employ from.</p> <p>HO7 → provision of care facilities → creation of jobs in care sector + supporting staff</p> <p>HO9 + HO10 & alternatives → No discernible impact</p> <p>Recommendations: None</p>
		HO1RA1	++	Bradford District	T/R	LT	L	
		HO1RA2	++	Bradford District	T/R	LT	L	
		HO2	++	Bradford District	T/R	LT	M	
		HO2RA1	++	Bradford District	T/R	LT	L	
		HO2RA2	++	Bradford District	T/R	LT	L	
		HO2RA3	++	Bradford District	T/R	LT	L	
		HO3	++	Bradford District	T/R	LT	L	
		HO3RA1	++	Bradford District	T/R	LT	L	
		HO3RA2	++	Bradford District	T/R	LT	L	
		HO4	++	Bradford District	T/R	LT	M	
		HO4RA1	++	Bradford District	T/R	LT	L	
		HO4RA2	++	Bradford District	T/R	LT	L	
		HO5	++	Bradford District	T/R	LT	M	
		HO5RA1	++	Bradford District	T/R	LT	M	
		HO5RA2	++	Bradford District	T/R	LT	M	
		HO5RA3	++	Bradford District	T/R	LT	M	
		HO6	++	Bradford District	T/R	LT	M	
HO6RA1	++	Bradford District	T/R	LT	L			
HO7	++	Bradford District	T/R	LT	M			

Appendix D – Policies Assessments

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
		HO7RA1	++	Bradford District	T/R	LT	L	
		HO7RA2	++	Bradford District	T/R	LT	L	
		HO8	++	Bradford District	T/R	LT	L	
		HO8RA1	++	Bradford District	T/R	LT	L	
		HO9	○	n/a	n/a	n/a	H	
		HO9RA1	○	n/a	n/a	n/a	H	
		HO9RA2	○	n/a	n/a	n/a	H	
		HO10	○	n/a	n/a	n/a	H	
		HO10RA1	○	n/a	n/a	n/a	H	
		HO10RA2	○	n/a	n/a	n/a	H	
19. Economy		HO1	+	Bradford District	T/R	LT	L	Policies HO1 - HO8 & alternatives → support the delivery of housing growth → additional homes and residents → increase in local population of working-age → boost to local businesses. + increased access to jobs for residents
		HO1RA1	+	Bradford District	T/R	LT	L	
		HO1RA2	+	Bradford District	T/R	LT	L	
		HO2	+	Bradford District	T/R	LT	M	HO1 - HO8 & alternatives → support the delivery of housing growth → construction of new homes → boost to housing market in Bradford → major boost to local economy + employment.
		HO2RA1	+	Bradford District	T/R	LT	L	
		HO2RA2	+	Bradford District	T/R	LT	L	
		HO2RA3	+	Bradford District	T/R	LT	L	HO5 all alternatives → provision of affordable housing → more disposable income for residents → boost to local economy
		HO3	+	Bradford District	T/R	LT	L	
		HO3RA1	+	Bradford District	T/R	LT	L	
		HO3RA2	+	Bradford District	T/R	LT	L	HO9, HO10 & alternatives → no discernible impact
		HO4	+	Bradford District	T/R	LT	L	
		HO4RA1	+	Bradford District	T/R	LT	L	
		HO4RA2	+	Bradford District	T/R	LT	L	Recommendations: None.
		HO5	++	Bradford District	T/R	LT	M	
		HO5RA1	++	Bradford District	T/R	LT	M	
		HO5RA2	++	Bradford District	T/R	LT	M	
		HO5RA3	++	Bradford District	T/R	LT	M	
		HO6	+	Bradford District	T/R	LT	M	
		HO6RA1	+	Bradford District	T/R	LT	L	
		HO7	+	Bradford District	T/R	LT	M	
		HO7RA1	+	Bradford District	T/R	LT	L	
		HO7RA2	+	Bradford District	T/R	LT	L	
		HO8	+	Bradford District	T/R	LT	L	
		HO8RA1	+	Bradford District	T/R	LT	L	
		HO9	○	n/a	n/a	n/a	H	
		HO9RA1	○	n/a	n/a	n/a	H	
		HO9RA2	○	n/a	n/a	n/a	H	
		HO10	○	n/a	n/a	n/a	H	
		HO10RA1	○	n/a	n/a	n/a	H	
		HO10RA2	○	n/a	n/a	n/a	H	

Summary of, and assumptions in, Planning for Place and Community CO1-CO3

Policy CO1 Protection and improvements in provision of Open Space and Recreation Facilities is under review. The policy seeks to ensure that land identified as open space is protected from development. These open spaces include allotments, cemeteries, green and blue corridors, outdoor sports facilities, parks and gardens and areas of water that offer sport and recreation opportunities. Residential developments will be required to provide new or improved open spaces, and this open space must meet the relevant standards and adequately serve the intended population. Where residential developments would contribute to recreational pressure upon the South Pennines Moor SPA and SAC, these effects will need to be mitigated through the provision of new recreational facilities.

- **CO1 Reasonable Alternative 1 (CO1RA1)** - This alternative would involve separating the policy components into a range of individual policies – possibly splitting them between open space protection and requirements. The policy as drafted presents a focused approach to the policy topic.

Policy CO2 Community Facilities - is under review. The policy confirms the Council's commitment to providing or enhancing community facilities. Proposals for new or enhanced facilities will be supported where they prioritise access by sustainable transport methods, are accessible for all members of society and are compatible with their surroundings. Any loss of community facilities will only be permitted when alternative provision is made or when sufficient evidence can be provided that proves the facilities are no longer needed. Education infrastructure will be allocated to support housing growth. The delivery of health infrastructure will be supported and incorporated into comprehensive development strategies.

- **CO2 Reasonable Alternative 1 (CO2RA1)** – This policy would not be included, but national policy requires Local Plans to address community infrastructure.
- **CO2 Reasonable Alternative 2 (CO2RA2)** This alternative would separate the specific community infrastructure types into individual policies. This may result in more comprehensive coverage of the policy, but the Preferred Option provides quick and clear access to material.

Policy CO3 Health Impact Assessments is under review. The policy expects all major developments to positively design for creating healthy places. A screening assessment as a minimum will be required on major development sites, and where applicable a Health Impact Assessment (HIA) will be required as part of the planning application. Where the HIA indicates a negative impact on health, this must be mitigated. The policy requires applications for hot food takeaways to be accompanied by a HIA.

- **CO3 Reasonable Alternative 1 (CO3RA1)** – This policy would set out specific dwelling and commercial threshold for health impact assessments, which are already partly included in the proposed policy.
- **CO3 Reasonable Alternative 2 (CO3RA2)** – This proposed policy would exclude hot food takeaways.
- **CO3 Reasonable Alternative 3 (CO3RA3)** – This policy would integrate the proposed policy within Policy SP15 but may not result in as beneficial outcomes.

Appendix D – Policies Assessments

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
1. Energy & GHGs		CO1	+	Bradford District	T	LT	L	CO1→ provision of green spaces→ act as a carbon sink →reduction in GHG volumes CO2→ increased infrastructure development→ increased energy usage in the District. CO2RA1 would not include a separate policy here. CO3 & alternatives → no discernible impacts. Recommendations: None.
		CO1RA1	+	Bradford District	T	LT	L	
		CO2	-	Bradford District	T	LT	L	
		CO2AR1	○	n/a	n/a	n/a	H	
		CO2RA2	-	Bradford District	n/a	n/a	H	
		CO3	○	n/a	n/a	n/a	H	
		CO3RA1	○	n/a	n/a	n/a	H	
		CO3RA2	○	n/a	n/a	n/a	H	
		CO3RA3	○	n/a	n/a	n/a	H	
2. Waste		CO1	○	n/a	n/a	n/a	H	CO2 → provision of education or health infrastructure → increased production of waste and materials used CO1, CO3 & alternatives → no discernible impacts Recommendations: CO1 could incorporate measures to include secondary materials or construction waste (if safe) into landscaping.
		CO1RA1	○	n/a	n/a	n/a	H	
		CO2	-	Bradford District	T/R	LT	L	
		CO2AR1	-	Bradford District	T/R	LT	L	
		CO2RA2	-	Bradford District	T/R	LT	L	
		CO3	○	n/a	n/a	n/a	H	
		CO3RA1	○	n/a	n/a	n/a	H	
		CO3RA2	○	n/a	n/a	n/a	H	
3. Land & buildings		CO1	○	n/a	n/a	n/a	H	All policies & alternatives → no discernible alternatives. Recommendations: None.
		CO1RA1	○	n/a	n/a	n/a	H	
		CO2	○	n/a	n/a	n/a	H	
		CO2AR1	○	n/a	n/a	n/a	H	
		CO2RA2	○	n/a	n/a	n/a	H	
		CO3	○	n/a	n/a	n/a	H	
		CO3RA1	○	n/a	n/a	n/a	H	
		CO3RA2	○	n/a	n/a	n/a	H	
4. Climate change vulnerability		CO1	+	Bradford District	T/R	LT	L	CO1→ provision of open space and green infrastructure→ increased filtration time + areas for flood water storage → reduced likelihood for flooding resulting from climate change CO2, CO3 & alternatives →no discernible impacts Recommendations: None.
		CO1RA1	+	Bradford District	T/R	LT	L	
		CO2	○	n/a	n/a	n/a	H	
		CO2AR1	○	n/a	n/a	n/a	H	
		CO2RA2	○	n/a	n/a	n/a	H	
		CO3	○	n/a	n/a	n/a	H	
		CO3RA1	○	n/a	n/a	n/a	H	
		CO3RA2	○	n/a	n/a	n/a	H	
CO3RA3	○	n/a	n/a	n/a	H			

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5. Water resources	CO1	+	Bradford District	T/R	LT	L	CO1 & alternative → provision of green spaces → increased water filtration → increased water quality CO2 → increased facilities → increased strain on water resources CO3 & alternatives → no discernible impacts Recommendations: None.
	CO1RA1	+	Bradford District	T/R	LT	L	
	CO2	-	Bradford District	T/R	LT	L	
	CO2AR1	-	Bradford District	T/R	LT	L	
	CO2RA2	-	Bradford District	T/R	LT	L	
	CO3	○	n/a	n/a	n/a	H	
	CO3RA1	○	n/a	n/a	n/a	H	
	CO3RA2	○	n/a	n/a	n/a	H	
6. Biodiversity & geodiversity	CO1	++	Bradford District	T/R	LT	L	CO1 & alternative → provision of green, open spaces + protection of South Pennines → improved ecological connectivity → improved biodiversity + geodiversity CO2 → increased development → increased land lost to urban development → potential loss of habitat and reduction in ecological connectivity. CO3 & alternatives → no discernible impacts Recommendations: None.
	CO1RA1	++	Bradford District	T/R	LT	L	
	CO2	-	n/a	n/a	n/a	H	
	CO2AR1	-	n/a	n/a	n/a	H	
	CO2RA2	-	n/a	n/a	n/a	H	
	CO3	○	n/a	n/a	n/a	H	
	CO3RA1	○	n/a	n/a	n/a	H	
	CO3RA2	○	n/a	n/a	n/a	H	
7. Landscape & townscape	CO1	++	Bradford District	T/R	LT	L	CO1 → provision of green spaces → improved landscape + townscape setting CO2, CO3 & alternatives → no discernible impacts Recommendations: None.
	CO1RA1	++	Bradford District	T/R	LT	L	
	CO2	○	n/a	n/a	n/a	H	
	CO2AR1	○	n/a	n/a	n/a	H	
	CO2RA2	○	n/a	n/a	n/a	H	
	CO3	○	n/a	n/a	n/a	H	
	CO3RA1	○	n/a	n/a	n/a	H	
	CO3RA2	○	n/a	n/a	n/a	H	
8. Cultural heritage	CO1	++	Bradford District	T/R	LT	L	CO1 → provision of open spaces → improved setting for heritage assets + improved views to/from Saltaire World Heritage Site CO1 → protection of parks and gardens → preservation of heritage assets CO2, CO3 & alternatives → no discernible impacts Recommendations: None.
	CO1RA1	++	Bradford District	T/R	LT	L	
	CO2	○	n/a	n/a	n/a	H	
	CO2AR1	○	n/a	n/a	n/a	H	
	CO2RA2	○	n/a	n/a	n/a	H	
	CO3	○	n/a	n/a	n/a	H	
	CO3RA1	○	n/a	n/a	n/a	H	
	CO3RA2	○	n/a	n/a	n/a	H	
9. Air quality	CO1	++	Bradford District	T/R	LT	L	CO1 → protection of parks and gardens + open spaces → improved air filtration → improved air quality CO2 & alternatives → no discernible impacts CO3 + all alternatives → HIA may indicate air quality impacts on health → mitigation for potential air quality impacts Recommendations: None.
	CO1RA1	++	Bradford District	T/R	LT	L	
	CO2	○	n/a	n/a	n/a	H	
	CO2AR1	○	n/a	n/a	n/a	H	
	CO2RA2	○	n/a	n/a	n/a	H	
	CO3	+	Bradford District	T/R	LT	L	
	CO3RA1	+	Bradford District	T/R	LT	L	
	CO3RA2	+	Bradford District	T/R	LT	L	
10. Transport	CO1	○	n/a	n/a	n/a	H	

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		CO1RA1	○	n/a	n/a	n/a	H	All policies → no discernible impact on Transport SA Objective. Recommendations: <u>None.</u>
		CO2	○	n/a	n/a	n/a	H	
		CO2AR1	○	n/a	n/a	n/a	H	
		CO2RA2	○	n/a	n/a	n/a	H	
		CO3	○	n/a	n/a	n/a	H	
		CO3RA1	○	n/a	n/a	n/a	H	
		CO3RA2	○	n/a	n/a	n/a	H	
		CO3RA3	○	n/a	n/a	n/a	H	
11. Housing		CO1	+	Bradford District	T/R	LT	L	CO1 → provision of open spaces in new developments → higher quality housing better serving the population CO2, CO3 & alternatives → no discernible impacts Recommendations: <i>None.</i>
		CO1RA1	+	Bradford District	T/R	LT	L	
		CO2	○	n/a	n/a	n/a	H	
		CO2AR1	○	n/a	n/a	n/a	H	
		CO2RA2	○	n/a	n/a	n/a	H	
		CO3	○	n/a	n/a	n/a	H	
		CO3RA1	○	n/a	n/a	n/a	H	
		CO3RA2	○	n/a	n/a	n/a	H	
		CO3RA3	○	n/a	n/a	n/a	H	
12. Range of accessible services		CO1	++	Bradford District	T/R	LT	L	CO1 → provision of recreational spaces + outdoor sports facilities → increased range of services available CO2 & reasonable alternatives → supporting provision of new leisure, healthcare and education facilities → increase range of services available for communities CO3 & alternatives → no discernible impacts Recommendations: <i>None.</i>
		CO1RA1	++	Bradford District	T/R	LT	L	
		CO2	++	Bradford District	T/R	LT	L	
		CO2AR1	++	Bradford District	T/R	LT	L	
		CO2RA2	++	Bradford District	T/R	LT	L	
		CO3	○	n/a	n/a	n/a	H	
		CO3RA1	○	n/a	n/a	n/a	H	
		CO3RA2	○	n/a	n/a	n/a	H	
		CO3RA3	○	n/a	n/a	n/a	H	
13. Social Cohesion		CO1	+	Bradford District	T/R	LT	L	CO1 → provision of recreational facilities → improved chance for social mixing + improved social cohesion CO2 & alternatives → increase services and community facilities → encourage socialising and increase social cohesion CO3 & alternatives → no discernible impacts Recommendations: <i>None.</i>
		CO1RA1	+	Bradford District	T/R	LT	L	
		CO2	+	Bradford District	T/R	LT	L	
		CO2AR1	+	Bradford District	T/R	LT	L	
		CO2RA2	+	Bradford District	T/R	LT	L	
		CO3	○	n/a	n/a	n/a	H	
		CO3RA1	○	n/a	n/a	n/a	H	
		CO3RA2	○	n/a	n/a	n/a	H	
		CO3RA3	○	n/a	n/a	n/a	H	
14. Culture & leisure		CO1	++	Bradford District	T/R	LT	L	CO1 → provision of recreational facilities → greater opportunity for leisure. CO2 & alternatives → provision of community facilities + ensure accessibility → increased opportunities for local communities CO3 & alternatives → no discernible impacts. Recommendations: <i>None.</i>
		CO1RA1	++	Bradford District	T/R	LT	L	
		CO2	+	Bradford District	T/R	LT	L	
		CO2AR1	+	Bradford District	T/R	LT	L	
		CO2RA2	+	Bradford District	T/R	LT	L	
		CO3	○	n/a	n/a	n/a	H	
		CO3RA1	○	n/a	n/a	n/a	H	
		CO3RA2	○	n/a	n/a	n/a	H	
		CO3RA3	○	n/a	n/a	n/a	H	

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15. Safe & secure	CO1	O	n/a	n/a	n/a	H	CO3 + all alternatives → inclusion of HIA → ensure no negative impacts on health → ensure safety of all residents from potential negative health CO1, CO2 & all alternatives → no discernible impacts Recommendations: None.
	CO1RA1	O	n/a	n/a	n/a	H	
	CO2	O	n/a	n/a	n/a	H	
	CO2AR1	O	n/a	n/a	n/a	H	
	CO2RA2	O	n/a	n/a	n/a	H	
	CO3	+	Bradford District	T/R	LT	M	
	CO3RA1	+	Bradford District	T/R	LT	M	
	CO3RA2	+	Bradford District	T/R	LT	M	
16. Health	CO1	++	Bradford District	T/R	LT	M	CO1 → provision of sport and recreational facilities → increased opportunities for improved physical + mental health CO2 & alternatives → provision of sport and health facilities → raise activity levels + improve access to healthcare → positive impact on health. CO2RA2 may be more significant than other alternatives. CO3 + all alternatives → inclusion of HIA → confirmation that the development will not negatively impact on local health Recommendations: None.
	CO1RA1	++	Bradford District	T/R	LT	L	
	CO2	++	Bradford District	T/R	LT	L	
	CO2AR1	++	Bradford District	T/R	LT	L	
	CO2RA2	++	Bradford District	T/R	LT	L	
	CO3	++	Bradford District	T/R	LT	M	
	CO3RA1	++	Bradford District	T/R	LT	M	
	CO3RA2	++	Bradford District	T/R	LT	M	
17. Education	CO1	O	n/a	n/a	n/a	H	CO2 & alternatives → ensure provision of education facilities with increased housing provision → improve access to education CO1, CO3 & all alternatives → no discernible impacts Recommendations: None.
	CO1RA1	O	n/a	n/a	n/a	H	
	CO2	+	Bradford District	T/R	LT	M	
	CO2AR1	+	Bradford District	T/R	LT	M	
	CO2RA2	+	Bradford District	T/R	LT	M	
	CO3	O	n/a	n/a	n/a	H	
	CO3RA1	O	n/a	n/a	n/a	H	
	CO3RA2	O	n/a	n/a	n/a	H	
18. Employment	CO1	+	Bradford District	T/R	LT	L	CO1 & CO2 & alternatives → provision of sports, health + education facilities → opportunities for local employment CO3 & alternatives → no discernible impacts Recommendations: None.
	CO1RA1	+	Bradford District	T/R	LT	L	
	CO2	+	Bradford District	T/R	LT	M	
	CO2AR1	+	Bradford District	T/R	LT	M	
	CO2RA2	+	Bradford District	T/R	LT	M	
	CO3	O	n/a	n/a	n/a	H	
	CO3RA1	O	n/a	n/a	n/a	H	
	CO3RA2	O	n/a	n/a	n/a	H	
19. Economy	CO1	+	Bradford District	T/R	LT	L	CO1 & alternative → protection of open space from development → increased opportunity for visitors to District → boost to local economy CO2 & alternatives, CO3 & alternatives → no discernible impacts. Recommendations: None.
	CO1RA1	+	Bradford District	T/R	LT	L	
	CO2	O	n/a	n/a	n/a	H	
	CO2AR1	O	n/a	n/a	n/a	H	
	CO2RA2	O	n/a	n/a	n/a	H	
	CO3	O	n/a	n/a	n/a	H	
	CO3RA1	O	n/a	n/a	n/a	H	
	CO3RA2	O	n/a	n/a	n/a	H	

Summary of, and assumptions in the assessment of Planning for Place and Communities EN1- EN10

Policy EN1 Green Infrastructure Standards is a new policy. The preferred option for EN1 would aim to provide new green spaces and consider the provision of a wider range of green infrastructure assets. The policy would be in line with Government's 25 year Environment Plan, which aims to ensure new developments include accessible green spaces. One possible way the district could include this would be through the Urban Greening Factor (UGF) approach, which could improve the GI provision in already highly urbanised areas.

- **EN1 Reasonable Alternative 1 (EN1RA1)** – This alternative would not include a specific policy on Green Infrastructure standards
- **EN1 Reasonable Alternative 2 (EN1RA2)** – The Green Infrastructure standards policy would be incorporated into Policy SP10 – Strategic Green Infrastructure. It may therefore have a lesser impact than a standalone policy on standards for GI.
- **EN1 Reasonable Alternative 3 (EN1RA3)** – This option would rely on the open space standards as set out in Policy CO1. This may not result in adequate GI in the District.

Policy EN2 Biodiversity and Geodiversity is a new policy. The policy aims to promote the protection, enhancement, restoration and expansion of biodiversity and geodiversity in the District. The policy does not permit development where it may interfere with a European Site of Protection or Site of Special Scientific Interest unless there is an assessment under the Habitat Regulations or where the benefits would outweigh the adverse impacts. All developments should deliver a measurable biodiversity net gain that is relevant to local biodiversity priorities. Development proposals that would result in a net loss of biodiversity will be refused. The policy ensures that biodiversity net gains are secured through the development of a biodiversity checklist to provide guidance to the appropriate level of ecological assessment. Any development deemed to have a negative impact on habitats and species is required to offset its impacts. For household applications, the provisions of this policy do not apply, but there is still an expectation that an element of biodiversity gain should be incorporated – for example, bird boxes, insect 'hotels' or bat boxes.

- **EN2 Reasonable Alternative 1 (EN2RA1)** – This alternative would separate the policy into two policies. The single policy format presents the information clearly and succinctly.
- **EN2 Reasonable Alternative 2 (EN2RA2)** - This policy alternative would further reduce the detail of coverage, which may result in confusion in a complex policy area.

Policy EN3 Trees and Woodlands – This policy is under review. The policy seeks to protect and enhance the contribution that trees and woodlands make to the District. Developments which result in the loss of irreplaceable habitats should be refused, and proposals that contribute towards the character or setting of an area or biodiversity and wildlife habitats would be preferred. New trees will be planted on all new developments, matching the site and climatic conditions, with a view to protecting and enhancing biodiversity and tackling the climate emergency. The council will continue to make Tree Preservation Orders where necessary.

- **EN3 Reasonable Alternative 1 (EN3RA1)** - This alternative would include fewer alterations to the original policy, which may not be as clear as the policy presented.

Policy EN4 Historic Environment is not under review. Through the policy, the Council aims to preserve, protect and enhance the character and historic value of the District and its heritage assets. All proposals for development will be required to conserve, and where appropriate enhance the heritage significance and settings of the District's assets. Heritage-led regeneration initiatives will be encouraged.

Policy EN5 Landscape is not under review. The policy outlines that Plans and proposals should make a contribution towards the conservation, management and enhancement of the diversity of the District's landscapes. Where there is potential for adverse landscape and/or visual effects, a landscape and visual impact assessment or appraisal will be required.

Policy EN6 Countryside and Development is under review. The policy limits development in the defined countryside to that needed for agriculture, renewable energy projects, or the reuse or rebuild of existing dwellings. The policy also outlines that there will be no loss of existing public rights of way (PRoW) that form part of the core walking or cycling routes.

- **EN6 Reasonable Alternative 1 (EN6RA1)** – would delete the policy, potentially leaving some areas of the district and countryside unprotected.
- **EN6 Reasonable Alternative 2 (EN6RA2)** – would integrate the policy within landscape or other policy area, which may lose some of the protections as stated in policy EN6.

Policy EN7 Flood Risk is under review. This policy seeks to proactively manage flood risk through selective development and plan making. Development proposals will be required to address all sources of flooding and ensure they do not increase the risk of flooding elsewhere. Applications will need to be accompanied by site-specific flood risk assessments, and if the development is to be in Flood Zones 2 and 3a, it should include flood mitigation measures. Surface run-off from new developments should be reduced as much as possible through the use of SUDs and drainage techniques. Developments in the functional flood plains (Flood Zone 3b) will not be permitted, with the exception of essential infrastructure.

Policy EN8 Air Quality is under review. The Council will work with partners and stakeholders to implement the Clean Air Plan and Transport Strategy, in order to achieve reductions in pollutant emissions and minimise public exposure to air pollution. The use of sustainable design solutions, buffer zones or sustainable transport modes will be promoted. All major planning applications will be expected to submit an Air Quality Assessment, which will demonstrate that there will be no increase in air pollution resulting from the proposed development.

- **EN8 Reasonable Alternative 1 (EN8RA1)** – This alternative would reduce the threshold to all developments in relation to air quality requirements and assessments.
- **EN8 Reasonable Alternative 2 (EN8RA2)** – This alternative would reduce the threshold to developments of 50 units or more, which would exclude a significant proportion of the District's housing supply and lead to a more ineffective policy.
- **EN8 Reasonable Alternative 3 (EN8RA3)** – This alternative would reduce the detail of the policy.

Policy EN9 Environmental Protection is under review. The policy will protect public health and the environment through minimising pollution events and exposure to pollution sources. The policy particularly focuses on contaminated land and soils, nuisance (noise, odours, light and dust) and the water environment. Development proposals must identify potential sources of contamination and address them before they will be accepted.

- **EN9 Reasonable Alternative 1 (EN9RA1)** – would keep the policy as the previous iteration, which does not explicitly reference soils and is not as clear on the goals to be achieved for water quality.

- **EN9 Reasonable Alternative 2 (EN9RA2)** – would include a separate policy on the Water Environment. This would provide greater clarity on water resource issues, but would reduce the comprehensive nature of this policy.

Policy EN10 Energy is under review. The policy seeks to support the development of decentralised, renewable and low carbon sources of energy by identifying suitable areas for renewable energy developments and ensuring developments are designed to be the highest possible levels of sustainability. All proposals for renewable and low carbon energy generation must include a full assessment of the environmental, economic and social impacts and must integrate measures to minimise adverse impacts.

- **EN10 Reasonable Alternative 1 (EN10RA)** – The policy would be incorporated into SP9, which provides much of the background to the policy, but would result in less detail.
- **EN10 Reasonable Alternative 2 (EN10RA2)** – The alternative would reduce the policy coverage and rely on other measures to minimise the District’s energy use and contribution to climate change. Including a specific policy would strengthen the District’s position.
- **EN10 Reasonable Alternative 3 (EN10RA3)**- This policy would set out a series of broad areas of search for strategic scale energy sites, subject to a call for sites.
- **EN10 Reasonable Alternative 4 (EN10RA4)** – This policy would provide a different range of standards, which may strengthen or weaken the position of the policy.

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
1. Energy & GHGs		EN1	+	Bradford District	T/R	LT	L	EN1RA1 & EN4 & EN7 → no discernible impact towards the causes of climate change. EN1 and alternatives EN1RA2&3, EN2 and its alternatives, EN5, EN6 & EN3 → protection & enhancement of greenfield land, greenspaces, vegetation, and tree canopy → protection and enhancement of important carbon sinks, including soils, grasses and trees → some degree of offsetting of Bradford’s contributions EN8 → employment of sustainable design + construction methods → minimise pollutants → reduction in contribution to climate change EN9 → require developments to mitigate and offset emissions and impacts in accordance with the Low Emission Strategy for Bradford. EN10 & alternatives → encourage the provision of renewable and low carbon energy → reduce GHG emissions. Alternatives likely to have a less significant impact. EN6RA1 → no policy on limiting development of countryside → may lead to reduction in green cover and less carbon removed from atmosphere Recommendations: <i>The Council could consider encouraging development proposals to show how the carbon sink capacity of local green infrastructure, including trees, grasses and soils, would be protected and enhanced following development. EN10 could include more aspirational and defined targets for renewable energy generation and consumption in Bradford.</i>
		EN1RA1	○	n/a	T/R	LT	L	
		EN1RA2	+	Bradford District	T/R	LT	L	
		EN1RA3	+	Bradford District	T/R	LT	L	
		EN2	+	Bradford District	T/R	LT	M	
		EN2RA1	+	Bradford District	T/R	LT	M	
		EN2RA2	+	Bradford District	T/R	LT	M	
		EN3	+	Bradford District	T/R	LT	L	
		EN3RA1	+	Bradford District	T/R	LT	L	
		EN4	○	n/a	n/a	n/a	H	
		EN5	+	Bradford District	T/R	LT	M	
		EN6	+	Bradford District	T/R	LT	H	
		EN6RA1	-	Bradford District	T/R	LT	L	
		EN6RA2	+	Bradford District	T/R	LT	H	
		EN7	○	n/a	n/a	n/a	H	
		EN8	+	Bradford District	T/R	LT	L	
		EN8RA1	+	Bradford District	T/R	LT	L	
		EN8RA2	+	Bradford District	T/R	LT	L	
		EN8RA3	+	Bradford District	T/R	LT	L	
	EN9	++	Bradford District	T/R	LT	M		
	EN10	++	National	T/R	LT	M		
	EN10RA1	+	Bradford District	T/R	LT	L		
	EN10RA2	+	Bradford District	T/R	LT	L		
	EN10RA3	+	Bradford District	T/R	LT	L		

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
2. Waste		EN10RA4	+	Bradford District	T/R	LT	L	
		EN1	O	n/a	n/a	n/a	H	Each policy and alternative → no discernible impacts. Recommendations: None.
		EN1RA1	O	n/a	n/a	n/a	H	
		EN1RA2	O	n/a	n/a	n/a	H	
		EN1RA3	O	n/a	n/a	n/a	H	
		EN2	O	n/a	n/a	n/a	H	
		EN2RA1	O	n/a	n/a	n/a	H	
		EN2RA2	O	n/a	n/a	n/a	H	
		EN3	O	n/a	n/a	n/a	H	
		EN3RA1	O	n/a	n/a	n/a	H	
		EN4	O	n/a	n/a	n/a	H	
		EN5	O	n/a	n/a	n/a	H	
		EN6	O	n/a	n/a	n/a	H	
		EN6RA1	O	n/a	n/a	n/a	H	
		EN6RA2	O	n/a	n/a	n/a	H	
		EN7	O	n/a	n/a	n/a	H	
		EN8	O	n/a	n/a	n/a	H	
		EN8RA1	O	n/a	n/a	n/a	H	
		EN8RA2	O	n/a	n/a	n/a	H	
		EN8RA3	O	n/a	n/a	n/a	H	
	EN9	O	n/a	n/a	n/a	H		
	EN10	O	n/a	n/a	n/a	H		
	EN10RA1	O	n/a	n/a	n/a	H		
	EN10RA2	O	n/a	n/a	n/a	H		
	EN10RA3	O	n/a	n/a	n/a	H		
	EN10RA4	O	n/a	n/a	n/a	H		
3. Land & buildings		EN1	O	n/a	n/a	n/a	H	EN6RA1 → no protection of countryside → potential inefficient use of current brownfield sites + increased development on agricultural land EN3, EN3RA1, EN6 & EN6RA2 → protection of GI → prevent land lost to development. EN7 → help to protect land from being lost to flooding. EN1 & alternatives, EN4, EN6RA1, EN10, & EN8 & EN9 → no discernible impacts. Recommendations: None.
		EN1RA1	O	n/a	n/a	n/a	H	
		EN1RA2	O	n/a	n/a	n/a	H	
		EN1RA3	O	n/a	n/a	n/a	H	
		EN2	+	Bradford District	T/R	LT	M	
		EN2RA1	+	Bradford District	T/R	LT	M	
		EN2RA2	+	Bradford District	T/R	LT	M	
		EN3	+	Bradford District	T/R	LT	M	
		EN3RA1	+	Bradford District	T/R	LT	M	
		EN4	O	n/a	n/a	n/a	H	
		EN5	+	Bradford District	T/R	LT	M	
		EN6	+	Bradford District	T/R	LT	M	
		EN6RA1	-	Bradford District	T/R	LT	L	
		EN6RA2	+	Bradford District	T/R	LT	L	
		EN7	+	Bradford District	T/R	LT	L	
	EN8	O	n/a	n/a	n/a	H		
	EN8RA1	O	n/a	n/a	n/a	H		
	EN8RA2	O	n/a	n/a	n/a	H		

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		EN8RA3	O	n/a	n/a	n/a	H	
		EN9	O	n/a	n/a	n/a	H	
		EN10	O	n/a	n/a	n/a	H	
		EN10RA1	O	n/a	n/a	n/a	H	
		EN10RA2	O	n/a	n/a	n/a	H	
		EN10RA3	O	n/a	n/a	n/a	H	
		EN10RA4	O	n/a	n/a	n/a	H	
4. Climate change vulnerability		EN1	+	Bradford District	T/R	LT	L	EN2 & alternatives → preserve existing important ecological habitats → maintain green and vegetated areas → maintain infiltration and interception of rainwater → reduce flood risk.
		EN1RA1	O	n/a	n/a	n/a	H	
		EN1RA2	+	Bradford District	T/R	LT	L	EN3 & alternatives → preserve and enhance tree and woodland cover → maintain and increase infiltration and interception of rainwater → reduce flood risk.
		EN1RA3	+	Bradford District	T/R	LT	M	
		EN2	+	Bradford District	T/R	LT	L	EN1, EN1RA2, EN1RA3, EN6 & EN6RA2 → protect & enhance extent of open/green spaces → protect & enhance natural flood risk alleviation & climate cooling services → benefits to climate change resilience.
		EN2RA1	+	Bradford District	T/R	LT	M	
		EN2RA2	+	Bradford District	T/R	LT	M	EN7 → proactively address flood risk → increase flood storage + flood risk management + implementation of SuDS and GI → manage and reduce flood risk.
		EN3	++	Bradford District	T/R	LT	M	
		EN3RA1	++	Bradford District	T/R	LT	M	EN10 & alternatives → Reduction in greenhouse gas emissions → reduction in vulnerability. Alternatives likely to have a less significant impact.
		EN4	O	n/a	n/a	n/a	H	
		EN5	O	n/a	n/a	n/a	H	EN8 → employment of sustainable design and construction methods + promoting sustainable transport options → reduction in contribution to climate change. Alternatives to this policy would not result in as positive impacts.
		EN6	+	Bradford District	T/R	LT	H	
		EN6RA1	-	Bradford District	T/R	LT	L	EN1RA1, EN4 & EN5 & EN9 → no discernible impacts.
		EN6RA2	+	Bradford District	T/R	LT	L	
		EN7	++	Bradford District	T/R	LT	M	EN6RA1 → potential for development on agricultural land and countryside → increased vulnerability to floods + impacts of climate change
		EN8	+	Bradford District	T/R	LT	L	
		EN8RA1	+	Bradford District	T/R	LT	L	Recommendations: EN7 includes an aspiration of managing and reducing impacts of flooding within Bradford Beck corridors in a manner than enhances their value for wildlife. This could be extended to all river corridors in Bradford in order to enhance their biodiversity value whilst also enhancing the natural provision of a flood risk alleviation service.
		EN8RA2	+	Bradford District	T/R	LT	L	
		EN8RA3	+	Bradford District	T/R	LT	L	
		EN9	O	n/a	n/a	n/a	H	
EN10	++	Bradford District	T/R	LT	H			
EN10RA1	+	Bradford District	T/R	LT	L			
EN10RA2	+	Bradford District	T/R	LT	L			
EN10RA3	+	Bradford District	T/R	LT	L			
EN10RA4	+	Bradford District	T/R	LT	L			
EN1	O	n/a	n/a	n/a	H			
5. Water resources		EN1RA1	O	n/a	n/a	n/a	H	EN2 & alternatives → increased biodiversity → increase water filtration → improve water quality.
		EN1RA2	O	n/a	n/a	n/a	H	
		EN1RA3	O	n/a	n/a	n/a	H	EN9 → safeguard ground and surface water quality + protect and improve quality, quantity and ecological status of water in Bradford.
		EN2	+	Bradford District	T/R	LT	M	
		EN2RA1	+	Bradford District	T/R	LT	M	EN4, EN5, EN10 → no discernible impacts.
		EN2RA2	+	Bradford District	T/R	LT	M	
		EN3	+	Bradford District	T/R	LT	M	Recommendations: EN7 could include specific reference to the need to enhance biodiversity value along all river corridors and not just along the Bradford Beck, not only for the biodiversity value or flood risk alleviation service this provides but also for the water quality improvements it can deliver.
		EN3RA1	+	Bradford District	T/R	LT	M	
		EN4	O	n/a	n/a	n/a	H	
		EN5	O	n/a	n/a	n/a	H	
		EN6	++	Bradford District	T/R	LT	L	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		EN6RA1	-	Bradford District	T/R	LT	L	
		EN6RA2	+	Bradford District	T/R	LT	L	
		EN7	++	Bradford District	T/R	LT	M	
		EN8	○	n/a	n/a	n/a	H	
		EN8RA1	○	n/a	n/a	n/a	H	
		EN8RA2	○	n/a	n/a	n/a	H	
		EN8RA3	○	n/a	n/a	n/a	H	
		EN9	++	Bradford District	T/R	LT	M	
		EN10	○	n/a	n/a	n/a	H	
		EN10RA1	○	n/a	n/a	n/a	H	
		EN10RA2	○	n/a	n/a	n/a	H	
		EN10RA3	○	n/a	n/a	n/a	H	
		EN10RA4	○	n/a	n/a	n/a	H	
		6. Biodiversity & geodiversity.		EN1	++	Bradford District	T/R	
EN1RA1	○			n/a	n/a	n/a	H	
EN1RA2	++			Bradford District	T/R	LT	L	
EN1RA3	++			Bradford District	T/R	LT	L	
EN2	++			Bradford District	T/R	LT	M	
EN2RA1	++			Bradford District	T/R	LT	M	
EN2RA2	++			Bradford District	T/R	LT	M	
EN3	++			Bradford District	T/R	LT	M	
EN3RA1	++			Bradford District	T/R	LT	M	
EN4	+			Bradford District	T/R	LT	M	
EN5	++			Bradford District	T/R	LT	M	
EN6	++			Bradford District	T/R	LT	M	
EN6RA1	-			Bradford District	T/R	LT	L	
EN6RA2	+			Bradford District	T/R	LT	L	
EN7	+			Bradford District	T/R	LT	M	
EN8	+			Bradford District	T/R	LT	L	
EN8RA1	+			Bradford District	T/R	LT	L	
EN8RA2	+			Bradford District	T/R	LT	L	
EN8RA3	+			Bradford District	T/R	LT	L	
EN9	++			Bradford District	T/R	LT	M	
EN10	○	n/a	n/a	n/a	H			
EN10RA1	○	n/a	n/a	n/a	H			
EN10RA2	○	n/a	n/a	n/a	H			
EN10RA3	○	n/a	n/a	n/a	H			
EN10RA4	○	n/a	n/a	n/a	H			

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
								<i>hedgerows and woodland are all joined together in one coherent network. EN7 could seek to ensure that biodiversity value and wildlife habitats along all river corridors, not just the Bradford Beck, are protected and enhanced.</i>
7. Landscape & townscape		EN1	+	Bradford District	T/R	LT	L	EN1, EN1RA2, EN1RA3 → increase GI → improve setting of urban heritage features EN1RA1 → no policy → no impacts. EN2 & alternatives & EN9 → protection of ecological sites → protection & enhancement of landscapes EN4 → protect and enhance the District's heritage → protect a range of heritage assets (buildings, infrastructure, townscapes and landscapes) → protect and enhance the historic character of landscapes and townscapes. EN5 → require landscape character assessments + manage and enhance the diversity of landscapes → ensure the protection of landscapes and views towards landscapes + enhance landscapes. EN6 & alternatives. → prevention of development on designated countryside → protection of landscape and associated character EN3 & alternatives → protect and enhance tree and woodland cover + require the consideration of the value of trees and woodland to character, setting and landscapes + protect ancient woodland and veteran trees → ensure protection of landscapes and the character and setting of settlements + enhance setting through inclusion of trees and woodland in developments. EN7 → enhanced wildlife along Beck corridors + inclusion of flood resilience measures → positive impact on local character + preservation of landscape and townscape EN10 & EN8 → no discernible impacts. Recommendations: None.
		EN1RA1	O	n/a	n/a	n/a	H	
		EN1RA2	+	Bradford District	T/R	LT	L	
		EN1RA3	+	Bradford District	T/R	LT	L	
		EN2	++	Bradford District	T/R	LT	M	
		EN2RA1	++	Bradford District	T/R	LT	M	
		EN2RA2	++	Bradford District	T/R	LT	M	
		EN3	++	Bradford District	T/R	LT	M	
		EN3RA1	++	Bradford District	T/R	LT	M	
		EN4	++	Bradford District	T/R	LT	M	
		EN5	++	Bradford District	T/R	LT	M	
		EN6	++	Bradford District	T/R	LT	M	
		EN6RA1	-	Bradford District	T/R	LT	L	
		EN6RA2	+	Bradford District	T/R	LT	L	
		EN7	+	Bradford District	T/R	LT	M	
		EN8	O	n/a	n/a	n/a	H	
		EN8RA1	O	n/a	n/a	n/a	H	
		EN8RA2	O	n/a	n/a	n/a	H	
		EN8RA3	O	n/a	n/a	n/a	H	
		EN9	+	Bradford District	T/R	LT	M	
	EN10	O	n/a	n/a	n/a	H		
	EN10RA1	O	n/a	n/a	n/a	H		
	EN10RA2	O	n/a	n/a	n/a	H		
	EN10RA3	O	n/a	n/a	n/a	H		
	EN10RA4	O	n/a	n/a	n/a	H		
8. Cultural heritage		EN1	++	Bradford District	T/R	LT	M	EN1, EN1RA2, EN1RA3 → increase GI → improve setting of urban heritage features EN3 & alternative → protection of Ancient Woodland and individual trees → preservation of local ecological heritage EN4 → Preservation and enhancement of District's heritage → protect a range of heritage assets EN5 & EN6 → Protection of historic landscape elements + countryside → preserve the setting of cultural and heritage assets. Not with EN6RA1. EN7 – EN10 → no discernible impacts. Recommendations: None.
		EN1RA1	O	n/a	T/R	LT	M	
		EN1RA2	++	Bradford District	T/R	LT	L	
		EN1RA3	++	Bradford District	T/R	LT	L	
		EN2	+	Bradford District	T/R	LT	M	
		EN2RA1	+	Bradford District	T/R	LT	M	
		EN2RA1	+	Bradford District	T/R	LT	M	
		EN3	++	Bradford District	T/R	LT	M	
		EN3RA1	++	Bradford District	T/R	LT	M	
		EN4	++	Bradford District	T/R	LT	M	
		EN5	++	Bradford District	T/R	LT	M	
		EN6	+	Bradford District	T/R	LT	M	
		EN6RA1	-	Bradford District	T/R	LT	L	
		EN6RA2	+	Bradford District	T/R	LT	L	
		EN7	O	n/a	n/a	n/a	H	
	EN8	O	n/a	n/a	n/a	H		
	EN8RA1	O	n/a	n/a	n/a	H		

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		EN8RA2	○	n/a	n/a	n/a	H	
		EN8RA3	○	n/a	n/a	n/a	H	
		EN9	+	Bradford District	T/R	LT	L	
		EN10	○	n/a	n/a	n/a	H	
		EN10RA1	○	n/a	n/a	n/a	H	
		EN10RA2	○	n/a	n/a	n/a	H	
		EN10RA3	○	n/a	n/a	n/a	H	
		EN10RA4	○	n/a	n/a	n/a	H	
9. Air quality		EN1	+	Bradford District	T/R	LT	M	<p>EN1, EN1RA2, EN1RA3, EN2 and reasonable alternatives → protect & enhance greenspaces & habitats → protect & enhance extent of vegetation → increase in natural air filtration service → improvements to air quality.</p> <p>Impacts of EN4, EN5 & EN9 → no discernible impacts.</p> <p>EN3, EN6 & EN7 → protect and increase tree and woodland cover + countryside landscape → protect trees, woodlands and green spaces which have air filtration properties → protects and improves air quality. Lesser extent with EN6RA2, negative effect with EN6RA1.</p> <p>EN8 → implementing air quality buffer zones + encouraging sustainable transport + reducing emissions on site + requiring Air Quality Assessments with planning applications → improving air quality and reducing pollution. Alternatives would use a lower threshold and may not have the same significance of impact.</p> <p>EN10 → encourage the provision of renewable and low carbon energy → reduce air pollution from traditional forms of energy generation → improves air quality. EN10RA1 likely to be of a slightly lower magnitude.</p> <p>Recommendations: None.</p>
		EN1RA1	○	n/a	T/R	LT	L	
		EN1RA2	+	Bradford District	T/R	LT	L	
		EN1RA3	+	Bradford District	T/R	LT	L	
		EN2	+	Bradford District	T/R	LT	M	
		EN2RA1	+	Bradford District	T/R	LT	M	
		EN2RA2	+	Bradford District	T/R	LT	M	
		EN3	++	Bradford District	T/R	LT	M	
		EN3RA1	++	Bradford District	T/R	LT	M	
		EN4	○	n/a	n/a	n/a	H	
		EN5	○	n/a	n/a	n/a	H	
		EN6	++	Bradford District	T/R	LT	M	
		EN6RA1	-	Bradford District	T/R	LT	L	
		EN6RA2	+	Bradford District	T/R	LT	L	
		EN7	+	Bradford District	T/R	LT	L	
		EN8	++	Bradford District	T/R	LT	M	
		EN8RA1	+	Bradford District	T/R	LT	L	
		EN8RA2	+	Bradford District	T/R	LT	L	
		EN8RA3	+	Bradford District	T/R	LT	L	
		EN9	○	n/a	n/a	n/a	H	
EN10	+	Bradford District	T/R	LT	M			
EN10RA1	+	Bradford District	T/R	LT	L			
EN10RA2	+	Bradford District	T/R	LT	L			
EN10RA3	+	Bradford District	T/R	LT	L			
EN10RA4	+	Bradford District	T/R	LT	L			
10. Transport		EN1	○	n/a	T/R	LT	M	<p>EN8 → encouraging use of sustainable transport methods → positive effects</p> <p>Each Policy → no discernible impacts on the Transport SA Objective</p> <p>Recommendations: Policies could seek to ensure there is good walking/cycling access to designated public greenspaces to encourage active/sustainable transport to recreation sites. Public open green spaces should provide people with safe places to lock bicycles.</p>
		EN1RA1	○	n/a	T/R	LT	L	
		EN1RA2	○	n/a	T/R	LT	L	
		EN1RA3	○	n/a	T/R	LT	L	
		EN2	○	n/a	n/a	n/a	H	
		EN2RA1	○	n/a	n/a	n/a	H	
		EN2RA2	○	n/a	n/a	n/a	H	
		EN3	○	n/a	n/a	n/a	H	
		EN3RA1	○	n/a	n/a	n/a	H	
		EN4	○	n/a	n/a	n/a	H	
EN5	○	n/a	n/a	n/a	H			

Appendix D – Policies Assessments

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		EN6	○	n/a	n/a	n/a	H	
		EN6RA1	○	n/a	n/a	n/a	L	
		EN6RA2	○	n/a	n/a	n/a	L	
		EN7	○	n/a	n/a	n/a	H	
		EN8	+	Bradford District	T/R	LT	L	
		EN8RA1	+	Bradford District	T/R	LT	L	
		EN8RA2	+	Bradford District	T/R	LT	L	
		EN8RA3	+	Bradford District	T/R	LT	L	
		EN9	○	n/a	n/a	n/a	H	
		EN10	○	n/a	n/a	n/a	H	
		EN10RA1	○	n/a	n/a	n/a	H	
		EN10RA2	○	n/a	n/a	n/a	H	
		EN10RA3	○	n/a	n/a	n/a	H	
		EN10RA4	○	n/a	n/a	n/a	H	
11. Housing		EN1	○	n/a	n/a	n/a	H	All policy options and alternatives → no discernible impacts. <i>Recommendations: None.</i>
		EN1RA1	○	n/a	n/a	n/a	H	
		EN1RA2	○	n/a	n/a	n/a	H	
		EN1RA3	○	n/a	n/a	n/a	H	
		EN2	○	n/a	n/a	n/a	H	
		EN2RA1	○	n/a	n/a	n/a	H	
		EN2RA2	○	n/a	n/a	n/a	H	
		EN3	○	n/a	n/a	n/a	H	
		EN3RA1	○	n/a	n/a	n/a	H	
		EN4	○	n/a	n/a	n/a	H	
		EN5	○	n/a	n/a	n/a	H	
		EN6	○	n/a	n/a	n/a	H	
		EN6RA1	○	n/a	n/a	n/a	H	
		EN6RA2	○	n/a	n/a	n/a	H	
		EN7	○	n/a	n/a	n/a	H	
		EN8	○	n/a	n/a	n/a	H	
		EN8RA1	○	n/a	n/a	n/a	H	
		EN8RA2	○	n/a	n/a	n/a	H	
		EN8RA3	○	n/a	n/a	n/a	H	
		EN9	○	n/a	n/a	n/a	H	
		EN10	○	n/a	n/a	n/a	H	
		EN10RA1	○	n/a	n/a	n/a	H	
		EN10RA2	○	n/a	n/a	n/a	H	
		EN10RA3	○	n/a	n/a	n/a	H	
EN10RA4	○	n/a	n/a	n/a	H			

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>	
12. Range of accessible services		EN1	O	n/a	n/a	n/a	H	<p>EN2 → proposals required to evaluate impacts on social wellbeing caused by achieving biodiversity net gain → social cohesion likely to be protected as a result.</p> <p>EN2 & EN3 → protect important ecological habitats → ensure the protection of outdoor recreational areas e.g. South Pennine SPA/SAC.</p> <p>EN4 & EN5 → protect and enhance the District's heritage → protect a range of heritage assets (buildings, infrastructure, townscapes and landscapes) → ensure the provision of culture and leisure facilities.</p> <p>EN6 → protection of PRow and supporting expansion of network + supporting rural tourism → increasing access to countryside and green infrastructure services. EN6RA1 could reduce access to countryside; EN6RA2 would support rural spaces but to a lesser extent to EN6.</p> <p>EN1 + EN7 – EN10 → no discernible impacts.</p> <p>Recommendations: None.</p>	
		EN1RA1	O	n/a	n/a	n/a	H		
		EN1RA2	O	n/a	n/a	n/a	n/a		H
		EN1RA3	O	n/a	n/a	n/a	n/a		H
		EN2	++	Bradford District	T/R	LT	M		
		EN2RA1	++	Bradford District	T/R	LT	M		
		EN2RA1	++	Bradford District	T/R	LT	M		
		EN3	+	Bradford District	T/R	LT	M		
		EN3RA1	+	Bradford District	T/R	LT	M		
		EN4	++	Bradford District	n/a	n/a	H		
		EN5	+	Bradford District	T/R	LT	M		
		EN6	+	Bradford District	T/R	LT	M		
		EN6RA1	-	Bradford District	T/R	LT	L		
		EN6RA2	+	Bradford District	T/R	LT	L		
		EN7	O	n/a	n/a	n/a	H		
		EN8	O	n/a	n/a	n/a	H		
		EN8RA1	O	n/a	n/a	n/a	H		
		EN8RA2	O	n/a	n/a	n/a	H		
		EN8RA3	O	n/a	n/a	n/a	H		
		EN9	O	n/a	n/a	n/a	H		
EN10	O	n/a	n/a	n/a	H				
EN10RA1	O	n/a	n/a	n/a	H				
EN10RA2	O	n/a	n/a	n/a	H				
EN10RA3	O	n/a	n/a	n/a	H				
EN10RA4	O	n/a	n/a	n/a	H				
13. Social Cohesion		EN1	+	Bradford District	T/R	LT	M	<p>EN5 & EN6 → manage and enhance landscapes in the District → ensure the provision of cultural and leisure spaces and facilities.</p> <p>EN2 & EN3 & their alternatives → protect and increase tree and woodland cover + protect ancient woodland and veteran trees → protect and enhance the availability of local cultural and leisure spaces + facilitate outdoor socialisation + protect and enhance residential amenity. EN7 – EN10 → no discernible impacts.</p> <p>Recommendations: Policies should ensure good walking/cycling access to designated public greenspaces to encourage active/sustainable transport to recreation sites and reduce recreational pressure on sensitive habitats.</p>	
		EN1RA1	+	Bradford District	T/R	LT	L		
		EN1RA2	+	Bradford District	T/R	LT	L		
		EN1RA3	+	Bradford District	T/R	LT	L		
		EN2	+	Bradford District	T/R	LT	M		
		EN2RA1	++	Bradford District	T/R	LT	M		
		EN2RA2	++	Bradford District	T/R	LT	M		
		EN3	++	Bradford District	T/R	LT	M		
		EN3RA1	++	Bradford District	T/R	LT	M		
		EN4	+	Bradford District	T/R	LT	M		
		EN5	+	Bradford District	T/R	LT	M		
		EN6	+	Bradford District	T/R	LT	M		
		EN6RA1	-	Bradford District	T/R	LT	L		
		EN6RA2	+	Bradford District	T/R	LT	L		
		EN7	O	n/a	n/a	n/a	H		
EN8	O	n/a	n/a	n/a	H				
EN8RA1	O	n/a	n/a	n/a	H				

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		EN8RA2	O	n/a	n/a	n/a	H	
		EN8RA3	O	n/a	n/a	n/a	H	
		EN9	O	n/a	n/a	n/a	H	
		EN10	O	n/a	n/a	n/a	H	
		EN10RA1	O	n/a	n/a	n/a	H	
		EN10RA2	O	n/a	n/a	n/a	H	
		EN10RA3	O	n/a	n/a	n/a	H	
14. Culture & Leisure		EN1	+	Bradford District	T/R	LT	M	<p>EN1, EN1RA2, EN1RA3 → enhance and provide urban GI and outdoors spaces → facilitate leisure opportunities</p> <p>EN3 & EN2→ protect and increase tree and woodland cover + protect ancient woodland and veteran trees → protect and enhance the availability of local cultural and leisure spaces + facilitate outdoor socialisation</p> <p>EN2&EN4 → protect and enhance the District’s heritage → protect a range of heritage assets (buildings, infrastructure, townscapes and landscapes) → ensure the provision of culture and leisure facilities</p> <p>EN6 → protection of Public Rights of Way and supporting expansion of network + supporting rural tourism → increasing access to countryside and green infrastructure services. EN6RA1 would not support this.</p> <p>EN9 → improvement of water bodies to good ecological/chemical status → increased opportunities for watersports and leisure opportunities</p> <p>Recommendations: None.</p>
		EN1RA1	O	n/a	T/R	LT	L	
		EN1RA2	+	Bradford District	T/R	LT	L	
		EN1RA3	+	Bradford District	T/R	LT	L	
		EN2	+	Bradford District	T/R	LT	M	
		EN2RA1	++	Bradford District	T/R	LT	M	
		EN2RA2	++	Bradford District	T/R	LT	M	
		EN3	++	Bradford District	T/R	LT	M	
		EN3RA1	++	Bradford District	T/R	LT	M	
		EN4	++	Bradford District	T/R	LT	M	
		EN5	+	Bradford District	T/R	LT	M	
		EN6	++	Bradford District	T/R	LT	M	
		EN6RA1	-	Bradford District	T/R	LT	L	
		EN6RA2	+	Bradford District	T/R	LT	L	
		EN7	O	n/a	n/a	n/a	H	
		EN8	O	n/a	n/a	n/a	H	
		EN8RA1	O	n/a	n/a	n/a	H	
		EN8RA2	O	n/a	n/a	n/a	H	
		EN8RA3	O	n/a	n/a	n/a	H	
		EN9	+	Bradford District	n/a	n/a	H	
EN10	O	n/a	n/a	n/a	H			
EN10RA1	O	n/a	n/a	n/a	H			
EN10RA2	O	n/a	n/a	n/a	H			
EN10RA3	O	n/a	n/a	n/a	H			
EN10RA4	O	n/a	n/a	n/a	H			
15. Safe & secure		EN1	O	n/a	n/a	n/a	H	<p>All policies and alternatives → no discernible impacts.</p> <p>Recommendations: None</p>
		EN1RA1	O	n/a	n/a	n/a	H	
		EN1RA2	O	n/a	n/a	n/a	H	
		EN1RA3	O	n/a	n/a	n/a	H	
		EN2	O	n/a	n/a	n/a	H	
		EN2RA1	O	n/a	n/a	n/a	H	
		EN2RA1	O	n/a	n/a	n/a	H	
		EN3	O	n/a	n/a	n/a	H	
		EN3RA1	O	n/a	n/a	n/a	H	
		EN4	O	n/a	n/a	n/a	H	
EN5	O	n/a	n/a	n/a	H			

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
		EN6	O	n/a	n/a	n/a	H	
		EN6RA1	O	n/a	n/a	n/a	L	
		EN6RA2	O	n/a	n/a	n/a	L	
		EN7	O	n/a	n/a	n/a	H	
		EN8	O	n/a	n/a	n/a	H	
		EN8RA1	O	n/a	n/a	n/a	H	
		EN8RA2	O	n/a	n/a	n/a	H	
		EN8RA3	O	n/a	n/a	n/a	H	
		EN9	O	n/a	T/R	LT	M	
		EN10	O	n/a	n/a	n/a	H	
		EN10RA1	O	n/a	n/a	n/a	H	
		EN10RA2	O	n/a	n/a	n/a	H	
		EN10RA3	O	n/a	n/a	n/a	H	
		EN10RA4	O	n/a	n/a	n/a	H	
16. Health		EN1	+	Bradford District	T/R	LT	M	EN1, EN1RA2, EN1RA3 → provide outdoor spaces and GI → provide spaces for sport and exercise + natural air filtration → improved physical and mental health EN2 and alternatives → protect important ecological habitats → ensure the protection of outdoor recreational areas e.g. South Pennine SPA/SAC → encourage uptake of physical activity → benefits to mental and physical wellbeing. Impacts of EN2 likely to be of a slightly higher probability than their reasonable alternatives. EN5 & EN6 and alternatives → manage and enhance landscapes in the District → ensure the provision of cultural and leisure spaces and facilities → encourage uptake of physical activity → benefits to mental and physical wellbeing. EN3 → protect and increase tree and woodland cover → protect and increase the provision of cultural and leisure spaces + encourage uptake of physical activity → benefits to mental and physical wellbeing. EN7 → provision of flood storage and flood defences → reduce chances of floods → reduce stress and improve health in population EN8 → create buffer zones and reduce pollutants → improve air quality → reduce public exposure to air pollution → benefit to physical wellbeing. Reduced thresholds in EN8 alternatives may lead to reduced impacts. EN9 → seek to protect public health → managing and reducing public exposure to water contamination ENRA1, EN4, EN10 → no discernible impacts. Recommendations: None.
		EN1RA1	O	n/a	T/R	LT	L	
		EN1RA2	+	Bradford District	T/R	LT	L	
		EN1RA3	+	Bradford District	T/R	LT	L	
		EN2	+	Bradford District	T/R	LT	M	
		EN2RA1	+	Bradford District	T/R	LT	M	
		EN2RA2	+	Bradford District	T/R	LT	M	
		EN3	+	Bradford District	T/R	LT	M	
		EN3RA1	+	Bradford District	T/R	LT	M	
		EN4	O	n/a	n/a	n/a	H	
		EN5	++	Bradford District	T/R	LT	M	
		EN6	++	Bradford District	T/R	LT	M	
		EN6RA1	-	Bradford District	T/R	LT	L	
		EN6RA2	+	Bradford District	T/R	LT	L	
		EN7	+	Bradford District	T/R	LT	L	
		EN8	++	Bradford District	T/R	LT	M	
		EN8RA1	+	Bradford District	T/R	LT	L	
		EN8RA2	+	Bradford District	T/R	LT	L	
		EN8RA3	+	Bradford District	T/R	LT	L	
		EN9	+	Bradford District	T/R	LT	M	
EN10	O	n/a	n/a	n/a	H			
EN10RA1	O	n/a	n/a	n/a	H			
EN10RA2	O	n/a	n/a	n/a	H			
EN10RA3	O	n/a	n/a	n/a	H			
EN10RA4	O	n/a	n/a	n/a	H			
17. Education		EN1	O	n/a	n/a	n/a	H	Each policy and alternative → no discernible impacts
		EN1RA1	O	n/a	n/a	n/a	H	
		EN1RA2	O	n/a	n/a	n/a	H	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement	
		EN1RA3	O	n/a	n/a	n/a	H	Recommendations: None	
		EN2	O	n/a	n/a	n/a	H		
		EN2RA1	O	n/a	n/a	n/a	n/a		H
		EN2RA2	O	n/a	n/a	n/a	n/a		H
		EN3	O	n/a	n/a	n/a	n/a		H
		EN3RA1	O	n/a	n/a	n/a	n/a		H
		EN4	O	n/a	n/a	n/a	n/a		H
		EN5	O	n/a	n/a	n/a	n/a		H
		EN6	O	n/a	n/a	n/a	n/a		H
		EN6RA1	O	n/a	n/a	n/a	n/a		H
		EN6RA2	O	n/a	n/a	n/a	n/a		H
		EN7	O	n/a	n/a	n/a	n/a		H
		EN8	O	n/a	n/a	n/a	n/a		H
		EN8RA1	O	n/a	n/a	n/a	n/a		H
		EN8RA2	O	n/a	n/a	n/a	n/a		H
		EN8RA3	O	n/a	n/a	n/a	n/a		H
		EN9	O	n/a	n/a	n/a	n/a		H
		EN10	O	n/a	n/a	n/a	n/a		H
		EN10RA1	O	n/a	n/a	n/a	n/a		H
		EN10RA2	O	n/a	n/a	n/a	n/a		H
EN10RA3	O	n/a	n/a	n/a	n/a	H			
EN10RA4	O	n/a	n/a	n/a	n/a	H			
18. Employment		EN1	O	n/a	n/a	n/a	H	EN2 & alternatives, EN5 and EN3 → protect and enhance the amenity and visual attractiveness of central areas in Bradford → increase footfall in retail areas. EN4 → protect and enhance the District's heritage → protect a range of heritage assets (buildings, infrastructure, townscapes and landscapes) → supports tourism in the region → supports employment and economic growth EN10 → investment in renewable and low carbon energies → potential positive impact on employment opportunities and economic growth in energy sector. All other policy options and alternatives → no discernible impacts. Recommendations: None.	
		EN1RA1	O	n/a	n/a	n/a	H		
		EN1RA2	O	n/a	n/a	n/a	n/a		H
		EN1RA3	O	n/a	n/a	n/a	n/a		H
		EN2	+	Bradford District	n/a	n/a	n/a		H
		EN2RA1	+	Bradford District	n/a	n/a	n/a		H
		EN2RA2	+	Bradford District	n/a	n/a	n/a		H
		EN3	O	n/a	n/a	n/a	n/a		H
		EN3RA1	O	n/a	n/a	n/a	n/a		H
		EN4	+	Bradford District	T/R	LT	M		
		EN5	O	n/a	n/a	n/a	n/a		H
		EN6	+	Bradford District	T/R	LT	M		
		EN6RA1	O	n/a	n/a	n/a	n/a		H
		EN6RA2	O	n/a	n/a	n/a	n/a		H
		EN7	O	n/a	n/a	n/a	n/a		H
		EN8	O	n/a	n/a	n/a	n/a		H
		EN8RA1	O	n/a	n/a	n/a	n/a		H
		EN8RA2	O	n/a	n/a	n/a	n/a		H
		EN8RA3	O	n/a	n/a	n/a	n/a		H
		EN9	O	n/a	n/a	n/a	n/a		H
EN10	+	Bradford District	T/R	LT	M				
EN10RA1	+	Bradford District	T/R	LT	L				

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		EN10RA2	+	Bradford District	T/R	LT	L	
		EN10RA3	+	Bradford District	T/R	LT	M	
		EN10RA4	+	Bradford District	T/R	LT	L	
19. Economy		EN1	O	n/a	n/a	n/a	H	EN4 & EN5 → protect and enhance the District's heritage → protect a range of heritage assets (buildings, infrastructure, townscapes and landscapes) → supports tourism in the region → supports employment and economic growth.
		EN1RA1	O	n/a	n/a	n/a	H	
		EN1RA2	O	n/a	n/a	n/a	H	
		EN1RA3	O	n/a	n/a	n/a	H	EN7 → reduce occurrences of flood events in the district → reduce losses from insurance claims
		EN2	+	Bradford District	T/R	LT	M	
		EN2RA1	+	Bradford District	T/R	LT	L	EN9 → improvement of water bodies → increased local tourism for watersports and leisure opportunities
		EN2RA2	+	Bradford District	T/R	LT	L	
		EN3	+	Bradford District	T/R	LT	M	All other policy options and alternatives → no discernible impacts.
		EN3RA1	+	Bradford District	T/R	LT	L	
		EN4	+	Bradford District	T/R	LT	M	All other policy options and alternatives → no discernible impacts.
		EN5	+	Bradford District	T/R	LT	L	
		EN6	O	n/a	n/a	n/a	H	Recommendations: None.
		EN6RA1	O	n/a	n/a	n/a	H	
		EN6RA2	O	n/a	n/a	n/a	H	
		EN7	+	Bradford District	T/R	LT	L	
		EN8	O	n/a	n/a	n/a	H	
		EN8RA1	O	n/a	n/a	n/a	H	
		EN8RA2	O	n/a	n/a	n/a	H	
		EN8RA3	O	n/a	n/a	n/a	H	
		EN9	+	Bradford District	T/R	LT	L	
	EN10	O	n/a	n/a	n/a	H		
	EN10RA1	O	n/a	n/a	n/a	H		
	EN10RA2	O	n/a	n/a	n/a	H		
	EN10RA3	O	n/a	n/a	n/a	H		
	EN10RA4	O	n/a	n/a	n/a	H		

Summary of, and assumptions in the assessment of, Planning for Place: Minerals Policies EN11 – EN17

Policy EN11: Mineral Supply and Landbanks is under review. The policy would provide a steady and adequate supply of minerals, support for investment in the local quarrying industry and the future extraction of sandstone, sand & gravel, and clay in Bradford. EN11 would be highly likely to encourage new economic growth and enhanced employment opportunities within the quarrying industry. The provision of new aggregates would also be beneficial to repairs for buildings throughout Bradford, including historic buildings and monuments. EN11 includes the requirement for the applicant to demonstrate that demand for the type of aggregates intended to be produced cannot be met from the existing permitted reserves within West Yorkshire or by Recycled or Secondary Aggregates. Sandstone quarries can also be a significant source of GHG emissions, air pollution (including particulate matter) and pose a pollution or contamination risk to nearby natural waterbodies.

Policy EN12: Mineral Allocations The policy seeks to protect existing mineral extraction sites that will continue to contribute to mineral supply in Bradford District. It also identified one potential new site and location that may be suitable for sandstone extraction.

- **EN12 Reasonable Alternative 1 (EN12RA1)** – This alternative would not include this site allocation policy. Councils are required by the NPPF to ensure the steady and adequate supply of minerals and materials. Removing the policy would remove the assurance that developers will give the wider environment due consideration.

Policy EN13: Mineral Safeguarding is not under review. The policy would allocate Minerals Safeguarding Areas (MSA) in Bradford to prevent the sterilisation of sandstone, coal and sand and gravel resources by other forms of development. The policy would not prevent development but would ensure that due consideration was given the potential for extracting the minerals prior to development. Policy EN13 contains the criteria and conditions by which development may occur in the MSAs. The policy would be highly likely to support and facilitate future management and extraction of mineral resources in the District and could therefore be seen as contributing towards the sustainability impacts associated with mineral extraction. Whilst the policy aims to minimise adverse environmental impacts, it is considered that avoiding or entirely mitigating the negative impacts of mineral extraction on the natural environment is highly unlikely.

EN14 - Mineral Areas of Search policy approach seeks to identify potential Areas of Search for sandstone and sand and gravel within the district. The policy would provide support for investment in the local quarrying industry and the future extraction of sandstone and sand and gravel in Bradford district. The policy would support new quarries within defined search areas, where the reserves would be primarily used for the production of high-quality building, roofing and/or paving stones. Policy EN14 would be highly likely to encourage new economic growth and enhanced employment opportunities within the quarrying industry.

- **EN14 Reasonable Alternative 1 (EN14RA1)** – The policy would be removed for this alternative.

EN15 - Managing Development and Operation of Mineral Sites: The policy would support new investment in mineral extraction in the District. The policy sets out various criteria that proposals for new or expanded mineral extraction sites would need to conform with before being supported. The criteria include protection for South Pennine Moors SPA; specific criteria for different mineral types; avoiding unacceptable adverse impacts on people or the environment; avoiding a net loss in biodiversity; and specific criteria for extraction sites on previously undeveloped land. The policy seeks to discourage development on greenfield sites by encouraging developers to consider options for exhausting or extending existing works before developing new sites. Mineral extraction sites can result in significant effects on several themes of sustainability, particularly where it is open-cast mining. The first step in extracting sand and gravel, for example, is to clear the surface of vegetation and topsoil. This destroys any biodiversity value on the site whilst reducing local ecological connectivity. The ecologically valuable soils are permanently lost. Impacts on land and biodiversity can be particularly severe as new or expanded quarries are typically in relatively rural locations and for the same reason negative impacts on landscape character are highly likely. The process of extracting and transporting minerals can also be a significant source of GHG emissions and pollution, including particulate matter that is harmful to human health, whilst posing a major pollution or contamination risk to nearby natural waterbodies. Policy EN15 includes a need for proposals to *'not result in unacceptable adverse impacts on people or the environment in terms of pollution, flooding or land stability risks, or harm to amenity, heritage assets or their settings, or harm the character of the landscape...'* However, it is unclear at what point negative effects on these topics would be deemed 'unacceptable' and it is considered that avoiding or entirely mitigating a significant effect on many of these topics is unlikely. Without innovative and significant efforts at reclamation of the extracted land these effects would be long-term. It is considered to be highly likely that to support economic growth and continue investment employment within the mineral extraction industry.

- **EN15 Reasonable Alternative 1 (EN15RA1)** – The alternative would retain the existing Core Strategy Policy EN9 wording. This structure provides additional strength of position.

EN16 - Mineral Site Restoration and Aftercare The policy seeks to ensure that the proper restoration of mineral sites takes place in a timely manner when extraction and operations cease, and that the proposed after use is appropriate to the site and its surroundings. It also seeks to deliver environmental and community benefits. As such it is an important consideration in determining whether or not a proposal is acceptable. Developers will be encouraged to address restoration and after-use early in the planning process, including when submitting a planning application. Policy EN16 makes references to and scores positively particularly in respect to landscape character, biodiversity or nature conservation in seeking to deliver net-gains and show how it will contribute local ecological networks and habitat creation, retaining, conserving and handling soil resources and where proposals involve the best and most versatile (BMV) agricultural land, seeking to restore back to agricultural use, making contributions to managing

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flood water and ensure flood risk is not increased, contributing to enhancement of the district's Green Infrastructure networks and promoting the reuse or use of recycled waste materials.

EN17 - Energy Minerals The policy would support the future extraction of coal, gas and oil in Bradford district. where future changes in extraction technology and commodity prices make extraction viable. The policy would be highly likely to support economic growth and enhance employment opportunities within the extraction industry in Braford. There are significant concerns about the environmental impacts of this policy, given the relationship between coal, oil and gas and the causes of climate change. Whilst the policy aims to minimise adverse environmental impacts, it is considered that the process of extracting fossil fuels, the transportation of these fuels and their ultimate consumption could be expected to be a significant source of GHG emissions and air pollution with consequences on a national scale. Not all extracted materials would be consumed, or result in their adverse impacts, in Bradford district. The extraction of the minerals listed in this policy is a process that poses a significant risk to local water quality, air quality, biodiversity and natural landscapes and avoiding or entirely mitigating these negative impacts would be highly unlikely.

- **EN17 Reasonable Alternative 1 (EN17RA1)** – this alternative would not include a policy. This would not be in line with the NPPF, which requires Local Plans to include a policy around hydrocarbon extraction.
- **EN17 Reasonable Alternative 2 (EN17RA2)** – this alternative would include the policy within other EN policies, alongside other mineral extractions.

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
1. Energy & GHGs		EN11	--	Bradford District	P/I	LT	H	EN11, EN12 and EN13 → permit and encourage energy intensive extraction industry + increase in HGV traffic for transportation of minerals → increase in GHG emissions. EN17→ future extraction of coal and hydrocarbons → consumption of fossil fuels → major source of GHGs. <i>Recommendations: Encourage provision of green infrastructure and minimise development on Green Belt to go some way to offset emissions (SP1, EN6, EN9)</i>
		EN12	--	National	P/I	LT	L	
		EN12R A1	--	National	P/I	LT	L	
		EN13	--	National	P/I	LT	H	
		EN14	--	National	P/I	LT	L	
		EN14R A1	--	National	P/I	LT	L	
		EN15	--	National	P/I	LT	L	
		EN15R A1	--	National	P/I	LT	L	
		EN16	--	National	P/I	LT	L	
		EN17	--	National	P/I	LT	L	
		EN17R A1	--	National	P/I	LT	L	
EN17R A2	--	National	P/I	LT	L			
2. Waste		EN11	-	Bradford District	P/I	LT	M	EN11 promotes use of readily available minerals in the Bradford area or use of recycled material but policy also allows for new mineral extraction if this is not possible. All policies → new and expanded mineral extraction → large quantities of waste materials produced. <i>Recommendations: Provisions could be made throughout these policies to prioritise secondary or recycled materials.</i>
		EN12	-	Bradford District	P/I	LT	M	
		EN12R A1	-	National	P/I	LT	L	
		EN13	-	Bradford District	P/I	LT	M	
		EN14	-	Bradford District	P/I	LT	M	
		EN14R A1	-	Bradford District	P/I	LT	M	
EN15	-	Bradford District	P/I	LT	M			

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
		EN15R A1	-	Bradford District	P/I	LT	M	
		EN16	-	Bradford District	P/I	LT	M	
		EN17	-	Bradford District	P/I	LT	M	
		EN17R A1	-	National	P/I	LT	L	
		EN17R A2	-	National	P/I	LT	L	
3. Land & buildings		EN11	--	Bradford District	P/I	LT	M	EN16 → ensure restoration of extraction sites → minimise impact of land and soil resources. Each other policy → new and expanded mineral extraction on greenfield → permanent loss of greenfield ecologically valuable soils. Recommendations: Land to be restored in line with EN16.
		EN12	--	Bradford District	P/I	LT	M	
		EN12R A1	--	Bradford District	P/I	LT	M	
		EN13	--	Bradford District	P/I	LT	M	
		EN14	--	Bradford District	P/I	LT	M	
		EN14R A1	--	Bradford District	P/I	LT	M	
		EN15	--	Bradford District	P/I	LT	M	
		EN15R A1	--	Bradford District	P/I	LT	M	
		EN16	+	Bradford District	P/I	LT	M	
		EN17	--	Bradford District	P/I	LT	M	
		EN17R A1	--	Bradford District	P/I	LT	M	
EN17R A2	--	Bradford District	P/I	LT	M			
4. Climate change vulnerability		EN11	-	Bradford District	T/R	LT	M	Each policy → new and expanded extraction sites → loss of vegetation and permeable surfaces → exacerbated flood risk in the local area. Recommendations: Ensure full restoration of site to minimise longevity of impacts (EN16).
		EN12	-	Bradford District	T/R	LT	M	
		EN12R A1	-	Bradford District	T/R	LT	M	
		EN13	-	Bradford District	T/R	LT	M	
		EN14	-	Bradford District	T/R	LT	M	
		EN14R A1	-	Bradford District	T/R	LT	M	
		EN15	-	Bradford District	T/R	LT	M	
		EN15R A1	-	Bradford District	T/R	LT	M	
		EN16	-	Bradford District	T/R	T/R	M	
		EN17	-	Bradford District	T/R	LT	M	
EN17R A1	-	Bradford District	T/R	LT	M			
EN17R A2	-	Bradford District	T/R	LT	M			
5. Water resources		EN11	--	Bradford District	T/R	LT	M	Each policy → new and expanded extraction sites → significant consumption of water at sites → pressure on water resources

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
		EN12	--	Bradford District	T/R	LT	M	<p>Each policy → new and expanded extraction sites → major pollution + contamination risk of natural waterbodies.</p> <p>Recommendations: Encourage water resources are managed appropriately on site to minimise run off. Ensure water is treated or recycled on site. A Construction Environmental Management Plan may be beneficial.</p>
		EN12R A1	--	Bradford District	T/R	LT	M	
		EN13	--	Bradford District	T/R	LT	M	
		EN14	--	Bradford District	T/R	LT	M	
		EN14R A1	--	Bradford District	T/R	LT	M	
		EN15	--	Bradford District	T/R	LT	M	
		EN15R A1	--	Bradford District	T/R	LT	M	
		EN16	--	Bradford District	T/R	LT	M	
		EN17	--	Bradford District	T/R	LT	M	
		EN17R A1	--	Bradford District	T/R	LT	M	
		EN17R A2	--	Bradford District	T/R	LT	M	
6. Biodiversity & geodiversity		EN11	--	Bradford District	P/I	LT	M	<p>Each policy → new and expanded extraction sites on previously undeveloped land in rural locations → direct loss of habitat & topsoil + reduction in ecological connectivity.</p> <p>Each policy → new and expanded extraction sites → air and water pollution → indirect on species & habitats.</p> <p>EN15 → The HRA screening process identified that likely significant effects are triggered.</p> <p>Recommendations: Sites to be restored with 10% biodiversity net gain (EN16).</p>
		EN12	--	Bradford District	P/I	LT	M	
		EN12R A1	--	Bradford District	P/I	LT	M	
		EN13	--	Bradford District	P/I	LT	M	
		EN14	--	Bradford District	P/I	LT	M	
		EN14R A1	--	Bradford District	P/I	LT	M	
		EN15	--	Bradford District	P/I	LT	M	
		EN15R A1	--	Bradford District	P/I	LT	M	
		EN16	--	Bradford District	P/I	LT	M	
		EN17	--	Bradford District	P/I	LT	M	
		EN17R A1	--	Bradford District	P/I	LT	M	
EN17R A2	--	Bradford District	P/I	LT	M			
		EN11	--	Bradford District	T/R	LT	H	Each policy → new and expanded extraction sites on previously undeveloped land in rural locations →

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
7. Landscape and townscape		EN12	--	Bradford District	T/R	LT	H	significantly discordant with character of natural landscapes + avoidance of impacts on townscapes. EN11 → increased supply of scarce materials required for the repair of historic buildings or monuments → enhanced townscape. Recommendations: <i>Ensure full restoration of extraction site to minimise longevity of impacts.</i>
		EN12R A1	--	Bradford District	T/R	LT	H	
		EN13	--	Bradford District	T/R	LT	H	
		EN14	--	Bradford District	T/R	LT	H	
		EN14	--	Bradford District	T/R	LT	H	
		EN15	--	Bradford District	T/R	LT	H	
		EN15R A1	--	Bradford District	T/R	LT	H	
		EN16	--	Bradford District	T/R	LT	H	
		EN17	--	Bradford District	T/R	LT	H	
		EN17R A1	--	Bradford District	T/R	LT	H	
EN17R A2	--	Bradford District	T/R	LT	H			
8. Cultural heritage		EN11	+	Bradford District	T/R	LT	H	EN11 → boosts to a traditional industry in Bradford and the wider region. EN11 & 12 → increase supply of scarce materials required for the repair of historic buildings or monuments. EN13, 14, 15, 16, 17 & alternatives → no discernible impact. Recommendations: <i>None.</i>
		EN12	+	Bradford District	T/R	LT	H	
		EN12R A1	+	Bradford District	T/R	LT	H	
		EN13	○	n/a	n/a	n/a	H	
		EN14	○	n/a	n/a	n/a	H	
		EN14R A1	○	n/a	n/a	n/a	H	
		EN15	○	n/a	n/a	n/a	H	
		En15R A1	○	n/a	n/a	n/a	H	
		EN16	○	n/a	n/a	n/a	H	
		EN17	○	n/a	n/a	n/a	H	
EN17R A1	○	n/a	n/a	n/a	H			
EN17R A2	○	n/a	n/a	n/a	H			
9. Air quality		EN11	-	Bradford District	T/R	LT	M	EN11, EN12, EN13, EN14, EN15 → new and expanded extraction sites → energy intensive extraction + increase in HGV activity → increased air pollution, including dust (PM2.5 & PM10) . EN16 → site restoration after lifetime of site → opportunity for remediation and GI, providing natural air filtration. EN17 → extraction of fossil fuels → consumption of fossil fuels → air pollution. Recommendations: <i>Ensure measures are taken during operation to minimise pollution. Off site mitigation may be required to reach carbon zero targets.</i>
		EN12	--	Bradford District	T/R	LT	M	
		EN12	--	Bradford District	T/R	LT	M	
		EN13	-	Bradford District	T/R	LT	M	
		EN14	-	Bradford District	T/R	LT	M	
		EN14R A1	-	Bradford District	T/R	LT	M	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
		EN15	-	Bradford District	T/R	LT	M	
		EN15R A1	-	Bradford District	T/R	LT	M	
		EN16	+/-	Bradford District	T/R	LT	M	
		EN17	--	Bradford District	T/R	LT	M	
		EN17R A1	--	Bradford District	T/R	LT	M	
		EN17R A2	--	Bradford District	T/R	LT	M	
10. Transport		EN11	-	Bradford District	T/R	LT	M	Each policy → support quarrying/mineral extraction industry → increased HGV activity → potential impacts on congestion, particularly if HGV activity increases in relatively rural locations on narrow roads or country lanes. Recommendations: <i>Development of Construction Traffic Management Plans may ensure reduced congestion.</i>
		EN12	-	Bradford District	T/R	LT	M	
		EN12R A1	-	Bradford District	T/R	LT	M	
		EN13	-	Bradford District	T/R	LT	M	
		EN14	-	Bradford District	T/R	LT	M	
		EN14R A1	-	Bradford District	T/R	LT	M	
		EN15	-	Bradford District	T/R	LT	M	
		EN15R A1	-	Bradford District	T/R	LT	M	
		EN16	-	Bradford District	T/R	LT	M	
		EN17	-	Bradford District	T/R	LT	M	
		EN17R A1	-	Bradford District	T/R	LT	M	
EN17R A2	-	Bradford District	T/R	LT	M			
11. Housing		EN11	+	Bradford District	T/R	LT	M	EN11&12 → support local quarrying of high-quality building materials → local materials for house construction. EN13 → MSAs temporarily reduce land availability for housing developments. EN9 and EN11 → no discernible impacts. Recommendations: <i>Phased release of housing development sites to ensure MSA do no impact on demand for housing (HO1).</i>
		EN12	O	n/a	n/a	n/a	H	
		EN12R A1	O	n/a	n/a	n/a	H	
		EN13	-	Bradford District	T/R	LT	M	
		EN14	O	n/a	n/a	n/a	H	
		EN14R A1	O	n/a	n/a	n/a	H	
		EN15	O	n/a	n/a	n/a	H	
		EN15R A1	O	n/a	n/a	n/a	H	
		EN16	O	n/a	n/a	n/a	H	
		EN17	O	n/a	n/a	n/a	H	
EN17R A1	O	n/a	n/a	n/a	H			
EN17R A2	O	n/a	n/a	n/a	H			

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
12. Range of accessible services		EN11	O	n/a	n/a	n/a	H	Each policy → no discernible impacts. Recommendations: None.
		EN12	O	n/a	n/a	n/a	H	
		EN12R A1	O	n/a	n/a	n/a	H	
		EN13	O	n/a	n/a	n/a	H	
		EN14	O	n/a	n/a	n/a	H	
		EN14R A1	O	n/a	n/a	n/a	H	
		EN15	O	n/a	n/a	n/a	H	
		EN15R A1	O	n/a	n/a	n/a	H	
		EN16	O	n/a	n/a	n/a	H	
		EN17	O	n/a	n/a	n/a	H	
13. Social Cohesion		EN11	+	Bradford District	T/R	LT	M	All policies → support the quarrying and material/mineral extraction industries → maintains/increases employment in this sector in the District → reduce levels of deprivation. Recommendations: None.
		EN12	+	Bradford District	T/R	LT	M	
		EN12R A1	+	Bradford District	T/R	LT	M	
		EN13	+	Bradford District	T/R	LT	M	
		EN14	+	Bradford District	T/R	LT	M	
		EN14R A1	+	Bradford District	T/R	LT	M	
		EN15	+	Bradford District	T/R	LT	M	
		EN15R A1	+	Bradford District	T/R	LT	M	
		EN16	+	Bradford District	T/R	LT	M	
		EN17	+	Bradford District	T/R	LT	M	
14. Culture & leisure		EN11	O	n/a	n/a	n/a	H	Each objective → no discernible impacts. Recommendations: None.
		EN12	O	n/a	n/a	n/a	H	
		EN12R A1	O	n/a	n/a	n/a	H	
		EN13	O	n/a	n/a	n/a	H	
		EN14	O	n/a	n/a	n/a	H	
		EN14R A1	O	n/a	n/a	n/a	H	
		EN15	O	n/a	n/a	n/a	H	
EN15R A1	O	n/a	n/a	n/a	H			

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
		EN16	O	n/a	n/a	n/a	H	
		EN17	O	n/a	n/a	n/a	H	
		EN17R A1	O	n/a	n/a	n/a	H	
		EN17R A2	O	n/a	n/a	n/a	H	
15. Safe & secure		EN11	O	n/a	n/a	n/a	H	Each objective → no discernible impacts. Recommendations: None.
		EN12	O	n/a	n/a	n/a	H	
		EN12R A1	O	n/a	n/a	n/a	H	
		EN13	O	n/a	n/a	n/a	H	
		EN14	O	n/a	n/a	n/a	H	
		EN14R A1	O	n/a	n/a	n/a	H	
		EN15	O	n/a	n/a	n/a	H	
		EN15R A1	O	n/a	n/a	n/a	H	
		EN16	O	n/a	n/a	n/a	H	
		EN17	O	n/a	n/a	n/a	H	
		EN17R A1	O	n/a	n/a	n/a	H	
		EN17R A2	O	n/a	n/a	n/a	H	
16. Health		EN11	-	Bradford District	T/R	LT	M	Each policy → permit quarrying and material/mineral extraction → increased noise, odour and air pollution, including dust (PM2.5 & PM10), from extraction activities → pollution and airborne particulate matter hazardous to the health of workers and the public. Each policy → support employment → reduces poverty and deprivation → improves mental and physical well-being. Recommendations: Increase protections for workers, increase access to healthcare (CO2)
		EN12	-	Bradford District	T/R	LT	M	
		EN12R A1	-	Bradford District	T/R	LT	M	
		EN13	-	Bradford District	T/R	LT	M	
		EN14	-	Bradford District	T/R	LT	M	
		EN14R A1	-	Bradford District	T/R	LT	M	
		EN15	-	Bradford District	T/R	LT	M	
		EN15R A1	-	Bradford District	T/R	LT	M	
		EN16	-	Bradford District	T/R	LT	M	
		EN17	-	Bradford District	T/R	LT	M	
		EN17R A1	-	Bradford District	T/R	LT	M	
		EN17R A2	-	Bradford District	T/R	LT	M	
17. Education		EN10	+	Bradford District	T/R	LT	M	EN11, EN12, EN13, EN14 → new and expanded extraction sites → enhanced employment opportunities in this sector -> potential opportunities for local people to learn new on-the-job skills.
		EN11	+	Bradford District	T/R	LT	M	
		EN12	+	Bradford District	T/R	LT	M	
		EN12R A1	+	Bradford District	T/R	LT	M	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		EN13	O	n/a	n/a	n/a	H	All other policies → no discernible impacts. Recommendations: None.
		EN14	O	n/a	n/a	n/a	H	
		EN14R A1	O	n/a	n/a	n/a	H	
		EN15	O	n/a	n/a	n/a	H	
		EN15R A1	O	n/a	n/a	n/a	H	
		EN16	O	n/a	n/a	n/a	H	
		EN17	O	n/a	n/a	n/a	H	
		EN17R A1	O	n/a	n/a	n/a	H	
18. Employment		EN11	+	Bradford District	T/R	LT	M	EN11, EN12, EN13 → Support quarrying + mineral extraction → maintains/increases employment in District EN13 → support the extraction of coal, gravel and sand where future changes in technology and commodity prices may make renewed extraction viable → future employment. EN11 & EN12 & EN13 → new and expanded extraction sites → significant boost to this industry in Bradford → boost to local economy. Recommendations: None.
		EN12	+	Bradford District	T/R	LT	M	
		EN12R A1	+	Bradford District	T/R	LT	M	
		EN13	+	Bradford District	T/R	LT	M	
		EN14	+	Bradford District	T/R	LT	M	
		EN14R A1	+	Bradford District	T/R	LT	M	
		EN15	+	Bradford District	T/R	LT	M	
		EN15R A1	+	Bradford District	T/R	LT	M	
		EN16	+	Bradford District	T/R	LT	M	
		EN17	+	Bradford District	T/R	LT	M	
		EN17R A1	+	Bradford District	T/R	LT	M	
19. Economy		EN10	+	Bradford District	T/R	LT	M	Each option → boost to an unsustainable industry that is unlikely to remain competitive in the long-term given the UK's transition towards a low-carbon economy and energy sector. Recommendations: None.
		EN11	+	Bradford District	T/R	LT	M	
		EN12	+	Bradford District	T/R	LT	M	
		EN12R A1	+	Bradford District	T/R	LT	M	
		EN13	+	Bradford District	T/R	LT	M	
		EN14	+	Bradford District	T/R	LT	M	
		EN14R A1	+	Bradford District	T/R	LT	M	
		EN15	+	Bradford District	T/R	LT	M	
		EN15R A1	+	Bradford District	T/R	LT	M	
		EN16	+	Bradford District	T/R	LT	M	
EN17	+	Bradford District	T/R	LT	M			

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		EN17R A1	+	Bradford District	T/R	LT	M	
		EN17R A2	+	Bradford District	T/R	LT	M	

Summary of and assumptions in Planning for Places and Communities EN18-21

Policy EN18 Waste Management Development – This policy is under review. The policy states that proposals for all waste management facilities will be permitted provided that it can be demonstrated that any impacts of development will not adversely affect people, land, infrastructure, natural resources or the historic environment. Proposals must be in line with Bradford’s waste hierarchy and there must be an identified need for the waste facilities. The design and siting of the facility are to be appropriate to the location and landscape setting and must wherever possible enhance the surrounding environment and maximise opportunities to recover energy and make efficient use of heat and water resources. Proposals for landfill sites must be able to prove that waste cannot be handled in a more sustainable manner, and must be accompanied by proposals to provide high quality restoration.

- **EN18 Reasonable Alternative 1 (EN18RA1)** – the alternative is to retain existing waste management policies as set out in the Waste Management DPD. This would result in minor amendments to the policies and policy repetition.

Policy EN19 Waste Management Allocations – This policy is under review. The policy identifies potential future sites for waste management facilities

- **EN19 Reasonable Alternative 1 (EN19RA1)** – The policy would be removed, and potential facilities would rely on criteria to assess sites on a case-by-case basis.

Policy EN20 Safeguarding Waste Management Facilities – This policy is under review. This policy confirms the Council’s commitment to safeguarding the facilities stated in EN19 by resisting the loss of existing facilities and allocated sites, unless proposals can demonstrate there is no longer any need for the facility in that location.

Policy EN21 Waste Management Within Development is under review. The policy supports the expansion of existing developments and construction of new developments where they demonstrate the use of secondary materials in construction, energy efficient design and appropriate measures are taken to ensure waste arisings are handled adequately. Proposals should maximise opportunities to mitigate climate change, and minimise environmental, social, or economic impacts.

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
1. Energy & GHGs		EN18	+	Bradford District	T/R	LT	M	

Appendix D – Policies Assessments

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		EN18RA1	+	Bradford District	T/R	LT	M	<p>EN18 & EN18RA1 → provision to be energy + heat efficient + BREEAM ‘excellent’ → improve energy efficiency + reduce energy consumption</p> <p>EN21 → encourage opportunities to minimise gas emissions + energy efficient design + on-site generation of electricity where possible → reduce contribution to GHG emissions + increase energy efficiency.</p> <p>EN19 and EN20 → no discernible impacts.</p> <p>Recommendations: None.</p>
		EN19	O	n/a	n/a	n/a	H	
		EN19RA1	O	n/a	n/a	n/a	H	
		EN20	O	n/a	n/a	n/a	H	
		EN21	++	Bradford District	T/R	LT	M	
2. Waste		EN18	++	Bradford District	T/R	LT	H	<p>EN18 & EN18RA1 & EN20 → provision of appropriate waste management facilities only when no alternative → minimise landfill waste</p> <p>EN19 → allocation of waste management sites → ensure adequate facilities throughout Plan period.</p> <p>EN19RA1 → relies on site-by-site criteria for assessing proposals → provide adequate facilities but not to same extent as EN19</p> <p>EN21 → encourage use of secondary materials → minimise waste created</p> <p>All other policies → no discernible impacts.</p> <p>Recommendations: None.</p>
		EN18RA1	++	Bradford District	T/R	LT	H	
		EN19	++	Bradford District	T/R	LT	H	
		EN19RA1	+	Bradford District	T/R	LT	H	
		EN20	++	Bradford District	T/R	LT	H	
		EN21	++	Bradford District	T/R	LT	M	
3. Land & buildings		EN18	+	Bradford District	T/R	LT	M	<p>EN18 & EN18RA1 → site preferential sequence → ensure fewer waste facility developments on Green Belt / greenfield sites.</p> <p>All other policies → no discernible impacts.</p> <p>Recommendations: Prioritise facilities on brownfield / previously developed sites.</p>
		EN18RA1	+	Bradford District	T/R	LT	M	
		EN19	O	n/a	n/a	n/a	H	
		EN19RA1	O	n/a	n/a	n/a	H	
		EN20	O	n/a	n/a	n/a	H	
		EN21	O	n/a	n/a	n/a	H	
4. Climate change vulnerability		EN18	O	n/a	n/a	n/a	H	<p>All policies → do not reduce or manage impacts of climate change</p> <p>Recommendations: None.</p>
		EN18RA1	O	n/a	n/a	n/a	H	
		EN19	O	n/a	n/a	n/a	H	
		EN19RA1	O	n/a	n/a	n/a	H	
		EN20	O	n/a	n/a	n/a	H	
		EN21	O	n/a	n/a	n/a	H	
5. Water resources		EN18	O	n/a	n/a	n/a	L	<p>EN18, EN19, EN20 → no discernible impacts on water resources.</p> <p>EN21 → encourage water efficient design, including water recycling and sustainable drainage → safeguard of water resources and minimise opportunities for pollution</p>
		EN18RA1	O	n/a	n/a	n/a	L	
		EN19	O	n/a	n/a	n/a	H	
		EN19RA1	O	n/a	n/a	n/a	H	
		EN20	O	n/a	n/a	n/a	H	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		EN21	++	Bradford District	T/R	LT	M	Recommendations: None.
6. Biodiversity & geodiversity		EN18	+	Bradford District	T/R	LT	L	EN18 & EN18RA1 → proposals for landfills must ensure high quality restoration + ecological assessment → return of land for biodiversity enhancement Recommendations: Encourage biodiversity net gain from developments
		EN18RA1	+	Bradford District	T/R	LT	L	
		EN19	○	n/a	n/a	n/a	H	
		EN19RA1	○	n/a	n/a	n/a	H	
		EN20	○	n/a	n/a	n/a	H	
		EN21	○	n/a	n/a	n/a	H	
7. Landscape & townscape		EN18	○	n/a	n/a	n/a	L	EN19, EN20 & EN21 → provision of new waste management facilities → potential to negatively impact character of District All other policies → no discernible impacts. Recommendations: None.
		EN18RA1	○	n/a	n/a	n/a	L	
		EN19	-	Bradford District	T/R	LT	L	
		EN19RA1	+/-	Bradford District	T/R	LT	L	
		EN20	-	Bradford District	T/R	LT	L	
		EN21	-	Bradford District	T/R	LT	L	
8. Cultural heritage		EN18	+	Bradford District	T/R	LT	L	EN18 & EN18RA1 → must minimise impacts, or enhance where possible, visual and landscape amenity → improve condition of views All other policies → no discernible impacts. Recommendations: Encourage sites to fit character of District.
		EN18RA1	+	Bradford District	T/R	LT	L	
		EN19	○	n/a	n/a	n/a	H	
		EN19RA1	○	n/a	n/a	n/a	H	
		EN20	○	n/a	n/a	n/a	H	
		EN21	○	n/a	n/a	n/a	H	
9. Air quality		EN18	○	n/a	n/a	n/a	L	EN21 → must minimise contribution to air pollution → air pollution occurs to a lesser degree. All other policies → no discernible impacts. Recommendations: None.
		EN18RA1	○	n/a	n/a	n/a	L	
		EN19	○	n/a	n/a	n/a	H	
		EN19RA1	○	n/a	n/a	n/a	H	
		EN20	○	n/a	n/a	n/a	H	
		EN21	+/-	Bradford District	T/R	LT	M	
10. Transport		EN18	○	n/a	n/a	n/a	L	All policies → no discernible impacts. Recommendations: None.
		EN18RA1	○	n/a	n/a	n/a	L	
		EN19	○	n/a	n/a	n/a	H	
		EN19RA1	○	n/a	n/a	n/a	H	
		EN20	○	n/a	n/a	n/a	H	
		EN21	○	n/a	n/a	n/a	H	
11. Housing		EN18	○	n/a	n/a	n/a	L	All policies → no discernible impacts. Recommendations: None.
		EN18RA1	○	n/a	n/a	n/a	L	
		EN19	○	n/a	n/a	n/a	H	
		EN19RA1	○	n/a	n/a	n/a	H	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		EN20	O	n/a	n/a	n/a	H	
		EN21	O	n/a	n/a	n/a	H	
12. Range of accessible services		EN18	O	n/a	n/a	n/a	L	All policies → no discernible impacts. Recommendations: None.
		EN18RA1	O	n/a	n/a	n/a	L	
		EN19	O	n/a	n/a	n/a	H	
		EN19RA1	O	n/a	n/a	n/a	H	
		EN20	O	n/a	n/a	n/a	H	
		EN21	O	n/a	n/a	n/a	H	
13. Social Cohesion		EN18	O	n/a	n/a	n/a	L	All policies → no discernible impacts. Recommendations: None.
		EN18RA1	O	n/a	n/a	n/a	L	
		EN19	O	n/a	n/a	n/a	H	
		EN19RA1	O	n/a	n/a	n/a	H	
		EN20	O	n/a	n/a	n/a	H	
		EN21	O	n/a	n/a	n/a	H	
14. Culture & leisure		EN18	O	n/a	n/a	n/a	L	All policies → no discernible impacts. Recommendations: None.
		EN18RA1	O	n/a	n/a	n/a	L	
		EN19	O	n/a	n/a	n/a	H	
		EN19RA1	O	n/a	n/a	n/a	H	
		EN20	O	n/a	n/a	n/a	H	
		EN21	O	n/a	n/a	n/a	H	
15. Safe & secure		EN18	O	n/a	n/a	n/a	L	All policies → no discernible impacts. Recommendations: None.
		EN18RA1	O	n/a	n/a	n/a	L	
		EN19	O	n/a	n/a	n/a	H	
		EN19RA1	O	n/a	n/a	n/a	H	
		EN20	O	n/a	n/a	n/a	H	
		EN21	O	n/a	n/a	n/a	H	
16. Health		EN18	O	n/a	n/a	n/a	L	EN21 → minimise air, noise, odour, dust pollution → minimise impacts on human health All other policies → no discernible impacts. Recommendations: None.
		EN18RA1	O	n/a	n/a	n/a	L	
		EN19	O	n/a	n/a	n/a	H	
		EN19RA1	O	n/a	n/a	n/a	H	
		EN20	O	n/a	n/a	n/a	H	
		EN21	++	Bradford District	T/R	LT	M	
17. Education		EN18	O	n/a	n/a	n/a	H	
		EN18RA1	O	n/a	n/a	n/a	H	
		EN19	O	n/a	n/a	n/a	H	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement	
		EN19RA1	O	n/a	n/a	n/a	H	All policies → no discernible impacts. Recommendations: None.	
		EN20	O	n/a	n/a	n/a	H		
		EN21	O	n/a	n/a	n/a	n/a		H
18. Employment		EN18	O	n/a	n/a	n/a	H	All policies → no discernible impacts. Recommendations: None.	
		EN18RA1	O	n/a	n/a	n/a	H		
		EN19	O	n/a	n/a	n/a	n/a		H
		EN19RA1	O	n/a	n/a	n/a	n/a		H
		EN20	O	n/a	n/a	n/a	n/a		H
		EN21	O	n/a	n/a	n/a	n/a		H
19. Economy		EN18	O	n/a	n/a	n/a	H	All policies → no discernible impacts. Recommendations: None.	
		EN18RA1	O	n/a	n/a	n/a	H		
		EN19	O	n/a	n/a	n/a	n/a		H
		EN19RA1	O	n/a	n/a	n/a	n/a		H
		EN20	O	n/a	n/a	n/a	n/a		H
		EN21	O	n/a	n/a	n/a	n/a		H

Summary of, and assumptions in, Planning for Places and Communities DS1-5

Policy DS1 Achieving Good Design – this policy is under review. The policy states that planning decisions, including plans, development proposals and investment decisions should contribute to achieving good design and high quality places. The policy outlines the Council’s commitment to getting the process right through a collaborative approach to design, by working with key stakeholders and local communities and taking a comprehensive approach to redevelopment to ensure quality is prioritised. Where appropriate, schemes will be referred to design review and the recommendations of the review will be acted on. The policy supports guidance in the Homes and Neighbourhoods SPD.

- **DS1 Reasonable Alternative 1 (DS1RA1)** – This option would not update the policy. This would leave less comprehensive policy support for the Homes and Neighbourhoods: a guide to designing in Bradford SPD.
- **DS1 Reasonable Alternative 2 (DS1RA2)** – This alternative would extensively rewrite the policy to allow for easier cross-reference between the policy documents and the Homes and Neighbourhood SPD. This would likely lead to overlap with related policies and reduced clarity.

Policy DS2 Working with the Landscape – this policy is under review. The policy ensures proposals take advantage of existing features, integrating development into the wider landscape. Through this policy, developments should create new, quality green spaces and aim to retain existing landscape and ecological features. Opportunities to link developments to the wider landscape and extend local green and blue infrastructure should be taken wherever possible and should be visually attractive and fit for purpose.

- **DS2 Reasonable Alternative 1 (DS2RA1)** – This alternative is not to update the policy. This would leave less comprehensive policy support for the Homes and Neighbourhoods: a guide to designing in Bradford SPD.
- **DS2 Reasonable Alternative 2 (DS2RA2)** - This alternative would extensively rewrite the policy to allow for easier cross-reference between the policy documents and the Homes and Neighbourhood SPD. This would likely lead to overlap with related policies and reduced clarity.

Policy DS3 Urban Character – this policy is under review. The policy seeks to ensure development proposals create a strong sense of place and reflect the District’s varied character. Designs should respond to existing patterns of development and complement the local context and identity. Designs can take the opportunity to create new public spaces and landscape features, including creating attractive streetscapes and skylines where appropriate. The architecture of designs should be of high quality and be consistent with the local environmental conditions and character.

- **DS3 Reasonable Alternative 1 (DS3RA1)** - This alternative is not to update the policy. This would leave less comprehensive policy support for the Homes and Neighbourhoods: a guide to designing in Bradford SPD.
- **DS3 Reasonable Alternative 2 (DS3RA2)** - This alternative would extensively rewrite the policy to allow for easier cross-reference between the policy documents and the Homes and Neighbourhood SPD. This would likely lead to overlap with related policies and reduced clarity.

Policy DS4 Streets and Movement – This policy is under review. The policy indicates that plans and proposals should take the opportunities to encourage people to walk, cycle and use public transport. The aim of the policy is to create a connected network of routes that are convenient for users by upgrading existing streets and cycle paths and introducing new routes. Car and cycle parking should be integrated into the design to provide a convenient and secure street scene and pedestrian environment.

- **DS4 Reasonable Alternative 1 (DS4RA1)** - This alternative is not to update the policy. This would leave less comprehensive policy support for the Homes and Neighbourhoods: a guide to designing in Bradford SPD.
- **DS4 Reasonable Alternative 2 (DS4RA2)** - This alternative would extensively rewrite the policy to allow for easier cross-reference between the policy documents and the Homes and Neighbourhood SPD. This would likely lead to overlap with related policies and reduced clarity.

Policy DS5 Safe and Inclusive Places – This policy is under review. The policy would require development proposals to design neighbourhoods, streets and spaces to be inclusive and accessible to all, including older people, children and those with disabilities. Developments should be designed to reduce the opportunity for crime as much as possible and should provide focal spaces to encourage interaction. Appropriate arrangements should be made for waste handling and recycling.

- **DS5 Reasonable Alternative 1 (DS5RA1)** - This alternative is not to update the policy. This would leave less comprehensive policy support for the Homes and Neighbourhoods: a guide to designing in Bradford SPD.
- **DS5 Reasonable Alternative 2 (DS5RA2)** This alternative would extensively rewrite the policy to allow for easier cross-reference between the policy documents and the Homes and Neighbourhood SPD. This would likely lead to overlap with related policies and reduced clarity.

Appendix D – Policies Assessments

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
1. Energy & GHGs		DS1	O	n/a	n/a	n/a	H	<p>DS2 & alternatives → protection & enhancement of greenfield sites, greenspaces and urban tree cover → protection and enhancement of important carbon sinks → some degree of offsetting of Bradford's GHG contributions</p> <p>DS4 → Promotion of sustainable transport methods → reduction in car usage + emissions</p> <p>DS1, DS3, DS5 & all alternatives no discernible impact on causes of climate change</p> <p>Recommendations: DS1 or DS3 could include provisions for designing in renewable energy solutions, for example encouraging developments to provide solar panels.</p>
		DS1RA1	O	n/a	n/a	n/a	H	
		DS1RA2	O	n/a	n/a	n/a	H	
		DS2	+	Bradford District	T/R	LT	L	
		DS2RA1	+	Bradford District	T/R	LT	L	
		DS2RA2	+	Bradford District	T/R	LT	L	
		DS3	O	n/a	n/a	n/a	H	
		DS3RA1	O	n/a	n/a	n/a	H	
		DS3RA2	O	n/a	n/a	n/a	H	
		DS4	+	Bradford District	T/R	LT	L	
		DS4RA1	+	Bradford District	T/R	LT	L	
		DS4RA2	+	Bradford District	T/R	LT	L	
		DS5	O	n/a	n/a	n/a	H	
		DS5RA1	O	n/a	n/a	n/a	H	
DS5RA2	O	n/a	n/a	n/a	H			
2. Waste		DS1	+	Bradford District	n/a	n/a	H	<p>DS1 → efficient design and use of materials → reduction in material consumption and waste generation.</p> <p>All other policies - no discernible effect on SA Objective</p> <p>DS5 & alternatives → provision of public waste arrangements → increase volume of municipal waste sent to recycling</p> <p>Recommendations: None.</p>
		DS1RA1	+	Bradford District	n/a	n/a	H	
		DS1RA2	+	Bradford District	n/a	n/a	H	
		DS2	O	n/a	n/a	n/a	H	
		DS2RA1	O	n/a	n/a	n/a	H	
		DS2RA2	O	n/a	n/a	n/a	H	
		DS3	O	n/a	n/a	n/a	H	
		DS3RA1	O	n/a	n/a	n/a	H	
		DS3RA2	O	n/a	n/a	n/a	H	
		DS4	O	n/a	n/a	n/a	H	
		DS4RA1	O	n/a	n/a	n/a	H	
		DS4RA2	O	n/a	n/a	n/a	H	
		DS5	+	Bradford District	T/R	LT	L	
		DS5RA1	+	Bradford District	T/R	LT	L	
DS5RA2	+	Bradford District	T/R	LT	L			
3. Land & buildings		DS1	+	Bradford District	T/R	LT	L	<p>DS1& alternatives → taking opportunities to transform areas + support regeneration → make efficient use of previously developed land + may remediate contaminated land.</p> <p>All other policies → no discernible impact on land and buildings SA Objective.</p> <p>Recommendations: None.</p>
		DS1RA1	+	Bradford District	T/R	LT	L	
		DS1RA2	+	Bradford District	T/R	LT	L	
		DS2	O	n/a	n/a	n/a	H	
		DS2RA1	O	n/a	n/a	n/a	H	
		DS2RA2	O	n/a	n/a	n/a	H	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		DS3	+	Bradford District	T/R	LT	L	
		DS3RA1	+	Bradford District	T/R	LT	L	
		DS3RA2	+	Bradford District	T/R	LT	L	
		DS4	O	n/a	n/a	n/a	H	
		DS4RA1	O	n/a	n/a	n/a	H	
		DS4RA2	O	n/a	n/a	n/a	H	
		DS5	O	n/a	n/a	n/a	H	
		DS5RA1	O	n/a	n/a	n/a	H	
4. Climate change vulnerability		DS1	O	n/a	n/a	n/a	H	<p>DS2 & alternatives integrate green spaces + extend green infrastructure → maintain and increase infiltration and interception of rainwater → reduce flood risk.</p> <p>DS4 & alternatives expansion and improvement of paths, cycle route network and sustainable transport methods reduce emissions + contribution to climate change.</p> <p>All other policies → no discernible impacts.</p> <p>Recommendations: None.</p>
		DS1RA1	O	n/a	n/a	n/a	H	
		DS1RA2	O	n/a	n/a	n/a	H	
		DS2	++	Bradford District	T/R	LT	L	
		DS2RA1	++	Bradford District	T/R	LT	L	
		DS2RA2	++	Bradford District	T/R	LT	L	
		DS3	O	n/a	n/a	n/a	H	
		DS3RA1	O	n/a	n/a	n/a	H	
		DS3RA2	O	n/a	n/a	n/a	H	
		DS4	++	Bradford District	T/R	LT	L	
		DS4RA1	++	Bradford District	T/R	LT	L	
		DS4RA2	++	Bradford District	T/R	LT	L	
		DS5	O	n/a	n/a	n/a	H	
DS5RA1	O	n/a	n/a	n/a	H			
DS5RA2	O	n/a	n/a	n/a	H			
5. Water resources		DS1	O	n/a	n/a	n/a	H	<p>DS2 & alternatives → protect & enhance habitats and greenspaces → protect & enhance quality of water resources within these spaces + preserve natural water filtration properties of green areas</p> <p>All other policies → no discernible impacts.</p> <p>Recommendations: None.</p>
		DS1RA1	O	n/a	n/a	n/a	H	
		DS1RA2	O	n/a	n/a	n/a	H	
		DS2	++	Bradford District	T/R	LT	L	
		DS2RA1	++	Bradford District	T/R	LT	L	
		DS2RA2	++	Bradford District	T/R	LT	L	
		DS3	O	n/a	n/a	n/a	H	
		DS3RA1	O	n/a	n/a	n/a	H	
		DS3RA2	O	n/a	n/a	n/a	H	
		DS4	O	n/a	n/a	n/a	H	
		DS4RA1	O	n/a	n/a	n/a	H	
		DS4RA2	O	n/a	n/a	n/a	H	
		DS5	O	n/a	n/a	n/a	H	
DS5RA1	O	n/a	n/a	n/a	H			

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
6. Biodiversity & geodiversity		DS5RA2	O	n/a	n/a	n/a	H	<p>DS2 & alternatives → protect & enhance habitats and greenspaces + introduce appropriate plant species → increase in green spaces and green infrastructure → increase ecological connectivity → enhance biodiversity</p> <p>All other policies → no discernible impacts.</p> <p>Recommendations: DS2 could include wording or provisions to enhance rather than retain existing landscape and ecological features, for example aim for 10% BNG.</p>
		DS1	O	n/a	n/a	n/a	H	
		DS1RA1	O	n/a	n/a	n/a	H	
		DS1RA2	O	n/a	n/a	n/a	H	
		DS2	++	Bradford District	T/R	LT	L	
		DS2RA1	++	Bradford District	T/R	LT	L	
		DS2RA2	++	Bradford District	T/R	LT	L	
		DS3	O	n/a	n/a	n/a	H	
		DS3RA1	O	n/a	n/a	n/a	H	
		DS3RA2	O	n/a	n/a	n/a	H	
		DS4	O	n/a	n/a	n/a	H	
		DS4RA1	O	n/a	n/a	n/a	H	
		DS4RA2	O	n/a	n/a	n/a	H	
		DS5	O	n/a	n/a	n/a	H	
	DS5RA1	O	n/a	n/a	n/a	H		
	DS5RA2	O	n/a	n/a	n/a	H		
7. Landscape & townscape		DS1	+	Bradford District	T/R	LT	L	<p>DS1 & alternatives → taking opportunities to improve places + transform areas, supporting regeneration → reduce quantity of derelict land / properties</p> <p>DS2 & alternatives → retain existing landscape and features + take opportunities to link development to landscape → protect and enhance natural and man-made landscape and townscape</p> <p>DS3 & alternatives → enhance streetscape and townscape in keeping with town character → improve town setting</p> <p>All other policies → no discernible impacts.</p> <p>Recommendations: None.</p>
		DS1RA1	+	Bradford District	T/R	LT	L	
		DS1RA2	+	Bradford District	T/R	LT	L	
		DS2	++	Bradford District	T/R	LT	L	
		DS2RA1	++	Bradford District	T/R	LT	L	
		DS2RA2	++	Bradford District	T/R	LT	L	
		DS3	++	Bradford District	T/R	LT	L	
		DS3RA1	++	Bradford District	T/R	LT	L	
		DS3RA2	++	Bradford District	T/R	LT	L	
		DS4	O	n/a	n/a	n/a	H	
		DS4RA1	O	n/a	n/a	n/a	H	
		DS4RA2	O	n/a	n/a	n/a	H	
		DS5	O	n/a	n/a	n/a	H	
		DS5RA1	O	n/a	n/a	n/a	H	
	DS5RA2	O	n/a	n/a	n/a	H		
8. Cultural heritage		DS1	+	Bradford District	T/R	LT	L	<p>DS1 & alternatives → taking opportunities to improve places + transform areas, supporting regeneration → reduce quantity of derelict land / properties → improve setting of heritage assets</p> <p>DS2 & alternatives → integrating development into wider landscape + ensure visual attractiveness → improve setting of heritage assets and condition of views to/from Saltaire World Heritage Site.</p>
		DS1RA1	+	Bradford District	T/R	LT	L	
		DS1RA2	+	Bradford District	T/R	LT	L	
		DS2	+	Bradford District	T/R	LT	L	
		DS2RA1	+	Bradford District	T/R	LT	L	
		DS2RA2	+	Bradford District	T/R	LT	L	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>	
		DS3	+	Bradford District	T/R	LT	L	DS3 & alternatives → enhance streetscape and townscape in keeping with town character → improve town setting	
		DS3RA1	+	Bradford District	T/R	LT	L		
		DS3RA2	+	Bradford District	T/R	LT	L		
		DS4	O	n/a	n/a	n/a	n/a	H	All other policies → no discernible impacts. Recommendations: None.
		DS4RA1	O	n/a	n/a	n/a	H		
		DS4RA2	O	n/a	n/a	n/a	H		
		DS5	O	n/a	n/a	n/a	H		
		DS5RA1	O	n/a	n/a	n/a	H		
DS5RA2	O	n/a	n/a	n/a	H				
9. Air quality		DS1	O	n/a	n/a	n/a	H	DS2 & alternatives → improve and integrate green space and green infrastructure into development → enhance extent of vegetation → increase natural air filtration → improvements to air quality DS4 & alternatives → promotion of sustainable transport methods → reduce emissions → improve air quality All other policies → no discernible impacts. Recommendations: None.	
		DS1RA1	O	n/a	n/a	n/a	H		
		DS1RA2	O	n/a	n/a	n/a	H		
		DS2	++	Bradford District	T/R	LT	L		
		DS2RA1	++	Bradford District	T/R	LT	L		
		DS2RA2	++	Bradford District	T/R	LT	L		
		DS3	O	n/a	n/a	n/a	H		
		DS3RA1	O	n/a	n/a	n/a	H		
		DS3RA2	O	n/a	n/a	n/a	H		
		DS4	++	Bradford District	T/R	LT	L		
		DS4RA1	++	Bradford District	T/R	LT	L		
		DS4RA2	++	Bradford District	T/R	LT	L		
		DS5	O	n/a	n/a	n/a	H		
DS5RA1	O	n/a	n/a	n/a	H				
DS5RA2	O	n/a	n/a	n/a	H				
10. Transport		DS1	O	n/a	n/a	n/a	H	DS4 & alternatives → provide new sustainable transport routes → increase proportion of people using sustainable transport methods All other policies → no discernible impacts. Recommendations: DS5 could include provisions for improving the accessibility of transport systems for vulnerable populations, for example ensuring minimum walking distance for a bus stop.	
		DS1RA1	O	n/a	n/a	n/a	H		
		DS1RA2	O	n/a	n/a	n/a	H		
		DS2	O	n/a	n/a	n/a	H		
		DS2RA1	O	n/a	n/a	n/a	H		
		DS2RA2	O	n/a	n/a	n/a	H		
		DS3	O	n/a	n/a	n/a	H		
		DS3RA1	O	n/a	n/a	n/a	H		
		DS3RA2	O	n/a	n/a	n/a	H		
		DS4	++	Bradford District	T/R	LT	L		
		DS4RA1	++	Bradford District	T/R	LT	L		
		DS4RA2	++	Bradford District	T/R	LT	L		
		DS5	O	n/a	n/a	n/a	H		

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		DS5RA1	O	n/a	n/a	n/a	H	
		DS5RA2	O	n/a	n/a	n/a	H	
11. Housing		DS1	++	Bradford District	T/R	LT	L	<p>DS1 & alternatives → taking opportunities to improve places + transform areas, supporting regeneration → reduce number of vacant/ empty properties.</p> <p>DS1 & alternatives → achieve good design → increase number of new dwellings meeting housing and space standards.</p> <p>Recommendations: None.</p>
		DS1RA1	++	Bradford District	T/R	LT	L	
		DS1RA2	++	Bradford District	T/R	LT	L	
		DS2	O	n/a	n/a	n/a	H	
		DS2RA1	O	n/a	n/a	n/a	H	
		DS2RA2	O	n/a	n/a	n/a	H	
		DS3	O	n/a	n/a	n/a	H	
		DS3RA1	O	n/a	n/a	n/a	H	
		DS3RA2	O	n/a	n/a	n/a	H	
		DS4	O	n/a	n/a	n/a	H	
		DS4RA1	O	n/a	n/a	n/a	H	
		DS4RA2	O	n/a	n/a	n/a	H	
		DS5	O	n/a	n/a	n/a	H	
		DS5RA1	O	n/a	n/a	n/a	H	
	DS5RA2	O	n/a	n/a	n/a	H		
12. Range of accessible services		DS1	O	n/a	n/a	n/a	H	<p>DS5 & alternatives → encourage inclusivity and accessibility for all to allow equal participation → improve quality of life for vulnerable populations</p> <p>All other policies: no discernible impacts.</p> <p>Recommendations: None.</p>
		DS1RA1	O	n/a	n/a	n/a	H	
		DS1RA2	O	n/a	n/a	n/a	H	
		DS2	O	n/a	n/a	n/a	H	
		DS2RA1	O	n/a	n/a	n/a	H	
		DS2RA2	O	n/a	n/a	n/a	H	
		DS3	O	n/a	n/a	n/a	H	
		DS3RA1	O	n/a	n/a	n/a	H	
		DS3RA2	O	n/a	n/a	n/a	H	
		DS4	O	n/a	n/a	n/a	H	
		DS4RA1	O	n/a	n/a	n/a	H	
		DS4RA2	O	n/a	n/a	n/a	H	
		DS5	+	Bradford District	T/R	LT	L	
		DS5RA1	+	Bradford District	T/R	LT	L	
	DS5RA2	+	Bradford District	T/R	LT	L		
13. Social Cohesion		DS1	O	n/a	n/a	n/a	H	<p>DS2 & alternatives → provision of quality green infrastructure → improved access to open space → facilitate outdoor socialisation</p>
		DS1RA1	O	n/a	n/a	n/a	H	
		DS1RA2	O	n/a	n/a	n/a	H	
		DS2	++	Bradford District	T/R	LT	L	
		DS2RA1	++	Bradford District	T/R	LT	L	

Appendix D – Policies Assessments

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		DS2RA2	++	Bradford District	T/R	LT	L	DS5 & alternatives → encourage inclusivity and accessibility for all to allow equal participation + provide focal spaces for social interaction → improve quality of life for vulnerable populations + improve social cohesion. DS1, DS3 & DS4 → no discernible impacts. Recommendations: None.
		DS3	O	n/a	n/a	n/a	H	
		DS3RA1	O	n/a	n/a	n/a	H	
		DS3RA2	O	n/a	n/a	n/a	H	
		DS4	O	n/a	n/a	n/a	H	
		DS4RA1	O	n/a	n/a	n/a	H	
		DS4RA2	O	n/a	n/a	n/a	H	
		DS5	++	Bradford District	T/R	LT	L	
		DS5RA1	++	Bradford District	T/R	LT	L	
DS5RA2	++	Bradford District	T/R	LT	L			
14. Culture & leisure		DS1	O	n/a	n/a	n/a	H	DS2 & alternatives → enhance green infrastructure provision + ensure functionality → facilitate leisure opportunities + increase access to green services DS2 & alternatives → extend blue infrastructure networks → increased opportunities for water-based leisure activities DS1 & DS4 → no discernible impacts. DS5 & alternatives → provision of community focal space → encourage activity and leisure activities Recommendations: None.
		DS1RA1	O	n/a	n/a	n/a	H	
		DS1RA2	O	n/a	n/a	n/a	H	
		DS2	+	Bradford District	T/R	LT	L	
		DS2RA1	+	Bradford District	T/R	LT	L	
		DS2RA2	+	Bradford District	T/R	LT	L	
		DS3	O	n/a	n/a	n/a	H	
		DS3RA1	O	n/a	n/a	n/a	H	
		DS3RA2	O	n/a	n/a	n/a	H	
		DS4	O	n/a	n/a	n/a	H	
		DS4RA1	O	n/a	n/a	n/a	H	
		DS4RA2	O	n/a	n/a	n/a	H	
		DS5	+	Bradford District	T/R	LT	L	
DS5RA1	+	Bradford District	T/R	LT	L			
DS5RA2	+	Bradford District	T/R	LT	L			
15. Safe & secure		DS1	O	n/a	n/a	n/a	H	DS1, DS2 , DS3 → no discernible impact. DS4 & alternatives → increase provision and priority of cycle routes + paths → increased protection for cyclists and pedestrians → fewer road traffic accidents DS4 & alternatives → provision of safe and secure car and cycle parking → reduced theft of cars and bikes. DS5 & alternatives → reduce opportunities for crime → reduce crime rates + increase proportion of people who feel safe in their communities Recommendations: May need additional clarity for how the opportunities for crime might be reduced in DS5.
		DS1RA1	O	n/a	n/a	n/a	H	
		DS1RA2	O	n/a	n/a	n/a	H	
		DS2	O	n/a	n/a	n/a	H	
		DS2RA1	O	n/a	n/a	n/a	H	
		DS2RA2	O	n/a	n/a	n/a	H	
		DS3	O	n/a	n/a	n/a	H	
		DS3RA1	O	n/a	n/a	n/a	H	
		DS3RA2	O	n/a	n/a	n/a	H	
		DS4	+	Bradford District	T/R	LT	L	
		DS4RA1	+	Bradford District	T/R	LT	L	
DS4RA2	+	Bradford District	T/R	LT	L			
DS5	++	Bradford District	T/R	LT	L			

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
16. Health		DS5RA1	++	Bradford District	T/R	LT	L	<p>DS2 & alternatives → provide outdoor spaces and GI → provide spaces for sport and exercise + natural air filtration → improved physical and mental health</p> <p>DS4 & alternatives → provision of cycle routes and footpaths → encourage active travel → improve health of local population</p> <p>DS5 & alternatives → provision of outdoors community space accessible for all → encourage active lifestyle → improve physical health</p> <p>DS5 & alternatives → reduce opportunities for crime → people feel safer in their communities → reduce stress + improve mental health</p> <p>Recommendations: None</p>
		DS5RA2	++	Bradford District	T/R	LT	L	
		DS1	O	n/a	n/a	n/a	H	
		DS1RA1	O	n/a	n/a	n/a	H	
		DS1RA2	O	n/a	n/a	n/a	H	
		DS2	+	Bradford District	T/R	LT	L	
		DS2RA1	+	Bradford District	T/R	LT	L	
		DS2RA2	+	Bradford District	T/R	LT	L	
		DS3	O	n/a	n/a	n/a	H	
		DS3RA1	O	n/a	n/a	n/a	H	
		DS3RA2	O	n/a	n/a	n/a	H	
		DS4	+	Bradford District	T/R	LT	L	
		DS4RA1	+	Bradford District	T/R	LT	L	
		DS4RA2	+	Bradford District	T/R	LT	L	
		DS5	+	Bradford District	T/R	LT	L	
DS5RA1	+	Bradford District	T/R	LT	L			
DS5RA2	+	Bradford District	T/R	LT	L			
17. Education		DS1	O	n/a	n/a	n/a	H	<p>All policies no discernible impact on education SA Objective.</p> <p>Recommendations: None</p>
		DS1RA1	O	n/a	n/a	n/a	H	
		DS1RA2	O	n/a	n/a	n/a	H	
		DS2	O	n/a	n/a	n/a	H	
		DS2RA1	O	n/a	n/a	n/a	H	
		DS2RA2	O	n/a	n/a	n/a	H	
		DS3	O	n/a	n/a	n/a	H	
		DS3RA1	O	n/a	n/a	n/a	H	
		DS3RA2	O	n/a	n/a	n/a	H	
		DS4	O	n/a	n/a	n/a	H	
		DS4RA1	O	n/a	n/a	n/a	H	
		DS4RA2	O	n/a	n/a	n/a	H	
		DS5	O	n/a	n/a	n/a	H	
		DS5RA1	O	n/a	n/a	n/a	H	
		DS5RA2	O	n/a	n/a	n/a	H	
18. Employment		DS1	O	n/a	n/a	n/a	H	<p>All policies and alternatives → no discernible impact.</p> <p>Recommendations: None</p>
		DS1RA1	O	n/a	n/a	n/a	H	
		DS1RA2	O	n/a	n/a	n/a	H	
		DS2	O	n/a	n/a	n/a	H	
		DS2RA1	O	n/a	n/a	n/a	H	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>	
		DS2RA2	O	n/a	n/a	n/a	H		
		DS3	O	n/a	n/a	n/a	H		
		DS3RA1	O	n/a	n/a	n/a	H		
		DS3RA2	O	n/a	n/a	n/a	H		
		DS4	O	n/a	n/a	n/a	H		
		DS4RA1	O	n/a	n/a	n/a	H		
		DS4RA2	O	n/a	n/a	n/a	H		
		DS5	O	n/a	n/a	n/a	H		
		DS5RA1	O	n/a	n/a	n/a	H		
DS5RA2	O	n/a	n/a	n/a	n/a	H			
19. Economy		DS1	O	n/a	n/a	n/a	H	DS2 & alternatives → protect and enhance setting of District's heritage features → support tourism in the District → boost to local economy	
		DS1RA1	O	n/a	n/a	n/a	H		
		DS1RA2	O	n/a	n/a	n/a	H		
		DS2	+	Bradford District	T/R	LT	L	DS5 & alternatives → increase accessibility → allow more access to services increase spending + boost local economy	
		DS2RA1	+	Bradford District	T/R	LT	L		
		DS2RA2	+	Bradford District	T/R	LT	L		
		DS3	O	n/a	n/a	n/a	n/a	H	DS1, DS3, DS4 → no discernible impact. Recommendations: None
		DS3RA1	O	n/a	n/a	n/a	H		
		DS3RA2	O	n/a	n/a	n/a	H		
		DS4	O	n/a	n/a	n/a	H		
		DS4RA1	O	n/a	n/a	n/a	H		
		DS4RA2	O	n/a	n/a	n/a	H		
		DS5	+	Bradford District	T/R	LT	L		
		DS5RA1	+	Bradford District	T/R	LT	L		
DS5RA2	+	Bradford District	T/R	LT	L				

Summary of, and assumptions in Implementation, Delivery and Monitoring ID1-ID3

Policy ID1 Infrastructure Delivery – This policy is under review. Development will be expected to provide or contribute to the provision of essential infrastructure items as identified in the Local Infrastructure Plan, and to mitigate the impacts of the development. Essential infrastructure will have been identified on the Policies Map to safeguard its future provision. The Council will work with a range of partners to ensure infrastructure needs and services are met. Digital and utilities infrastructure, including ultrafast broadband, will be supported through this policy, subject to environmental and safety evaluation. All major developments shall deliver Fibre To The Premises (FTTP) wherever possible, or instead provide non-Next Generation Access technologies in excess of 24Mbps. Radio, mobile and electronic communications masts should be designed to be sympathetic to their wider environments and future proofed for consumer and network demands.

- **ID1 Reasonable Alternative 1 (ID1RA1)** – This alternative would not include this policy.
- **ID1 Reasonable Alternative 2 (ID1RA2)** – This alternative would split the policy into specific topic items. This may be more comprehensive, but the single policy option remains clear and provides quick access to material.
- **ID1 Reasonable Alternative 2 (ID1RA3)** - Set an alternative standard for Non-Next Generation Access Technologies – standard level has been set in light of technical advice

Policy ID2 Developer Contributions – Development proposals will be expected to contribute towards the cost of providing infrastructure and of meeting social and environmental requirements necessary. The contribution sought from the developer will be proportional to the scale and form of development, the potential impact for the development upon the surrounding area and economic viability. Where the development will have a significant impact on the Strategic Road Network, developer contributions will be sought through Section 278 agreements and contributions will be in line with the adopted Community Infrastructure Levy (CIL).

Policy ID3 Viability – This policy is under review. Viability is to be considered as part of the plan-making process through the Whole Plan Viability Assessment. The Council will only consider the viability of development proposals at the planning application stage, where circumstances may impact the ability of a project to meet planning policy requirements. Where a viability assessment is submitted at the planning application stage, an ‘open book’ approach should be followed to allow for a full review of evidence and transparency.

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
1. Energy & GHGs		ID1	-	Bradford District	T/R	LT	L	All policies & alternatives → provision of additional infrastructure → increased demands on energy. <i>Recommendations: ID1 could include provisions for renewable energy infrastructure, meeting BREEAM standards or high energy efficiency in new developments.</i>
		ID1RA1	-	Bradford District	T/R	LT	L	
		ID1RA2	-	Bradford District	T/R	LT	L	
		ID2	-	Bradford District	T/R	LT	L	
		ID3	-	Bradford District	T/R	LT	L	
2. Waste		ID1	-	Bradford District	T/R	LT	L	

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		ID1RA1	-	Bradford District	T/R	LT	L	All policies & alternatives → provision of new infrastructure → increased production of waste associated with construction + operational phase of use Recommendations: None
		ID1RA2	-	Bradford District	T/R	LT	L	
		ID2	-	Bradford District	T/R	LT	L	
		ID3	-	Bradford District	T/R	LT	L	
3. Land & buildings		ID1	-	Bradford District	T/R	LT	L	All policies & alternatives → provision of new infrastructure → increased development on previously undeveloped land. Recommendations: Prevent the release of greenfield sites for development where possible (HO1, SP8)
		ID1RA1	-	Bradford District	T/R	LT	L	
		ID1RA2	-	Bradford District	T/R	LT	L	
		ID2	-	Bradford District	T/R	LT	L	
4. Climate change vulnerability		ID1	-	Bradford District	T/R	LT	L	ID1 & alternatives → support significant infrastructure development → likely loss of greenfield → increase in impermeable surfaces could alter flood risk. Recommendations: Encourage sustainable construction methodology and provision of GI in masterplans (CO1, EN1, EN6)
		ID1RA1	-	Bradford District	T/R	LT	L	
		ID1RA2	-	Bradford District	T/R	LT	L	
		ID2	-	Bradford District	T/R	LT	L	
5. Water resources		ID1	○	Bradford District	n/a	n/a	H	All policies → no discernible impact. Recommendations: None
		ID1RA1	○	Bradford District	n/a	n/a	H	
		ID1RA2	○	Bradford District	n/a	n/a	H	
		ID2	○	Bradford District	n/a	n/a	H	
6. Biodiversity & geodiversity		ID1	-	Bradford District	T/R	LT	L	ID1 & alternatives → support significant infrastructure development → likely loss of greenfield → likely loss of habitats and biodiversity Recommendations: ID3 could be expanded to include viability assessments for environmental impacts to ensure no net loss of biodiversity.
		ID1RA1	-	Bradford District	T/R	LT	L	
		ID1RA2	-	Bradford District	T/R	LT	L	
		ID2	○	Bradford District	n/a	n/a	H	
7. Landscape & townscape		ID1	+/-	Bradford District	T/R	LT	L	ID1 & alternatives → development on brownfield site → reduce quantity of vacant land properties ID1 & alternatives → development on greenfield site → loss of area's natural character Recommendations: None
		ID1RA1	+/-	Bradford District	T/R	LT	L	
		ID1RA2	+/-	Bradford District	T/R	LT	L	
		ID2	○	Bradford District	n/a	n/a	H	
8. Cultural heritage		ID1	+	Bradford District	T/R	LT	L	ID1 & alternatives → increase development of required infrastructure + reduce number of derelict buildings+ requirement for telecommunications to be sympathetic to environment → improve setting of heritage assets + maintain views around Saltaire World Heritage Site. Recommendations: None
		ID1RA1	+	Bradford District	T/R	LT	L	
		ID1RA2	+	Bradford District	T/R	LT	L	
		ID2	○	Bradford District	n/a	n/a	H	
9. Air quality		ID1	○	Bradford District	n/a	n/a	H	All policies → no discernible impact.

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SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects Recommendations for avoidance, mitigation or enhancement
		ID1RA1	o	Bradford District	n/a	n/a	H	Recommendations: None
		ID1RA2	o	Bradford District	n/a	n/a	H	
		ID2	o	Bradford District	n/a	n/a	H	
		ID3	o	Bradford District	n/a	n/a	H	
10. Transport		ID1	o	Bradford District	n/a	n/a	H	ID2 Section 278 agreements could result in improved roads network and reduction in road congestion. Recommendations: ID1 could ensure new essential infrastructure is easily accessible by public transport systems and walking/cycle routes.
		ID1RA1	o	Bradford District	n/a	n/a	H	
		ID1RA2	o	Bradford District	n/a	n/a	H	
		ID2	+	Bradford District	T/R	LT	L	
		ID3	o	Bradford District	n/a	n/a	H	
11. Housing		ID1	o	Bradford District	n/a	n/a	H	All policies → no discernible impact. Recommendations: None.
		ID1RA1	o	Bradford District	n/a	n/a	H	
		ID1RA2	o	Bradford District	n/a	n/a	H	
		ID2	o	Bradford District	n/a	n/a	H	
		ID3	o	Bradford District	n/a	n/a	H	
12. Range of accessible services		ID1	+	Bradford District	T/R	LT	L	ID1 & alternatives → support of essential infrastructure → improve access to essential services ID3 → viability assessments → ensure new developments are financially viable → improve range of successful services for local communities Recommendations: None.
		ID1RA1	+	Bradford District	T/R	LT	L	
		ID1RA2	+	Bradford District	T/R	LT	L	
		ID2	o	Bradford District	n/a	n/a	H	
		ID3	+	Bradford District	T/R	LT	L	
13. Social Cohesion		ID1	+	Bradford District	T/R	LT	L	ID1 & alternatives → support of essential infrastructure → improve access to essential services + improve quality of life Recommendations: ID3 could be expanded to ensure developments are viable in their location and will promote use by the local community.
		ID1RA1	+	Bradford District	T/R	LT	L	
		ID1RA2	+	Bradford District	T/R	LT	L	
		ID2	o	Bradford District	n/a	n/a	H	
		ID3	o	Bradford District	n/a	n/a	H	
14. Culture & leisure		ID1	o	Bradford District	n/a	n/a	H	All policies → no discernible impact on culture and leisure in the District. Recommendations: None
		ID1RA1	o	Bradford District	n/a	n/a	H	
		ID1RA2	o	Bradford District	n/a	n/a	H	
		ID2	o	Bradford District	n/a	n/a	H	
		ID3	o	Bradford District	n/a	n/a	H	
15. Safe & secure		ID1	o	Bradford District	n/a	n/a	H	All policies → no discernible impact. Recommendations: None.
		ID1RA1	o	Bradford District	n/a	n/a	H	
		ID1RA2	o	Bradford District	n/a	n/a	H	
		ID2	o	Bradford District	n/a	n/a	H	
		ID3	o	Bradford District	n/a	n/a	H	
16. Health		ID1	+	Bradford District	T/R	LT	L	

Appendix D – Policies Assessments

SA Objective	Baseline trend	Policy or RA	Effect	Geographical extent	P/T I/R	Time	Prob.	Summary of effects <i>Recommendations for avoidance, mitigation or enhancement</i>
		ID1RA1	-	Bradford District	T/R	LT	L	ID1 & alternatives → provision of essential infrastructure → improved access to healthcare facilities and essential infrastructure → improve health of population <i>Recommendations: None.</i>
		ID1RA2	+	Bradford District	T/R	LT	L	
		ID2	○	Bradford District	n/a	n/a	H	
		ID3	○	Bradford District	n/a	n/a	H	
17. Education		ID1	++	Bradford District	T/R	LT	L	ID1 & ID1RA2 → improve access to high speed internet → increase access to training opportunities. ID1RA1 would not have the same impact. ID1 & alternatives → development of essential infrastructure including educational facilities → improved access to education. ID1RA1 would not have the same impact. <i>Recommendations: None.</i>
		ID1RA1	-	Bradford District	T/R	LT	L	
		ID1RA2	++	Bradford District	T/R	LT	L	
		ID2	○	Bradford District	n/a	n/a	H	
		ID3	○	Bradford District	n/a	n/a	H	
18. Employment		ID1	+	Bradford District	T/R	LT	L	ID1 & ID1RA2 → improve access to high speed internet → increase access to employment + business opportunities. ID1RA1 would not have the same impact. ID3 → ensure viability of developments → provide consistent jobs for local communities <i>Recommendations: None.</i>
		ID1RA1	-	Bradford District	T/R	LT	L	
		ID1RA2	+	Bradford District	T/R	LT	L	
		ID2	○	Bradford District	n/a	n/a	H	
		ID3	+	Bradford District	T/R	LT	L	
19. Economy		ID1	+	Bradford District	T/R	LT	L	ID1 & ID1RA2 → improve access to high speed internet → increase access to employment + business opportunities → boost to local economy. ID1RA1 would not have the same impact. ID2 → gain funding for large infrastructure projects → maintain Council budgets for other projects. ID3 → ensure financial viability for developments → guarantee developments will be financially beneficial for local District. <i>Recommendations: None.</i>
		ID1RA1	-	Bradford District	T/R	LT	L	
		ID1RA2	+	Bradford District	T/R	LT	L	
		ID2	+	Bradford District	T/R	LT	L	
		ID3	++	Bradford District	T/R	LT	L	