

Belfast Local Development Plan

Addendum May 2022 - Appendix 2 Sustainability Appraisal of the Draft Plan Strategy 2035 Incorporating Strategic Environmental Assessment



Sustainability Appraisal incorporating Sustainable Environmental Assessment Belfast Draft Plan Strategy Addendum to SA Report 2022 Appendix 2

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1. Sustainability Objectives

Figure 1: SA Objectives

Theme	SA OBJECTIVES
	Reduce deprivation and encourage an inclusive and equal society
	2. Improve health and wellbeing for an improved quality of life.
-	 To provide opportunity for good quality housing and enable people to meet their housing needs
Social	 Increase community safety by supporting the reduction of crime and antisocial behaviour
	To improve skills & education of residents by providing high quality, accessible lifelong learning opportunities
	6. Retain and enhance access to local services and facilities
	7. To ensure local residents have access to employment opportunities
Economic	Support economic development of Belfast as a competitive place& contribute to its role as a regional economic driver
ECO	Promote an integrated transport system and encourage sustainable travel
	10. Maintain and enhance biodiversity assets, protect habitats and species
	11.Protect and enhance soil quality
	12.Protect, enhance & manage the quality of the built & historic environment
<u> </u>	13.Protect, maintain & enhance the quality of Belfast's distinctive landscape & geodiversity.
Environmental	14.Protect and enhance open space and natural greenspace including Belfast's countryside asset
ıviro	15.Promote the sustainable management of waste
Ē	16.Promote the quality and efficient use of water resources
	17.Reduce air pollution and ensure continued improvements to air quality
	18. Support the transition to a Low Carbon Economy
	19. Support the adaptation to Climate Change and effectively manage flood risk

2. Appraisal scoring methodologies & formulas

Figure 2: SA Appraisal Key (applicable to all tables)

	-	?	+/-	0	+	++
Significant	Minor	Unknown	Mixed	No Effect or	Minor	Significant
Negative	Negative	Effect	Effects	Relationship	Positive	Positive

Figure 3: Policy scoring ranges (to calculate total scores in Tables A3, A4, A6 & A7)

	Effect Scoring: Applicable to all Effects											
Libeba		-	?	+/-	0	+	++					
Likely Effect	Significant Negative	Minor Negative	Unknown Effect	Mixed Effects	No Effect or Relationship	Minor Positive	Significant Positive					
Ranking Score	-2	-1	0	0	0	1	2					

Figure 4: Policy scoring formula (to calculate what effect the total policy score equates to in Tables A3 & A4)

Individual Policy - Scoring Formula & Range												
FORMULA	19 Objectives multiply by 2			=	Minor Range		Significant Range					
Negative scoring	-19 x 2			=	-1 to -19	-	-20 to -38	-				
Positive scoring	19 x 2			=	1 to 19 + 20 to 38			++				
Unknown, mixed, no effect	?	+/-	0	=	0 score							

Figure 5: Updated total effects scoring formula (to calculate what effect the total effects score equates to – for Strategic Policies in Table A6 and all Plan Policies in Table A7)

Total Effects: Updated Scoring Formula & Range (Strategic Policies & All Plan Policies)												
FORMULA	M	icies*/the ultiply by usly 5 pc	/ 2	=	Minor	Range	Significant Range					
Negative scoring		-6 x 2		=	-1 to -6	-	-7 to -12	-				
Positive scoring	6 x 2			=	1 to 6 + 7 to 12 ++			++				
Unknown, mixed, no effect	?	+/-	0	=	0 score							

^{*9} policies in total, however 3 are appraised later in the 2018 SA Report, so the formula only requires 6 to be multiplied by two

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3. Sustainability appraisal

 Table A2:
 Narrative Table – Consideration of reasonable alternatives for new policy SP1A

	STRATEGIC POLICIES									
Policy name	SP1A – MANAGING GROWTH AND SUPPORTING INFRASTRUCTURE DELIVERY									
Reasons for Alternatives Considered	Growth Strategy as well as Policies HOU1 and EC2. However, following the Commission's (PAC) suggested through recommended amendment 'RA05' was outlined at Paragraph 3.42, which also highlighted the potential need for In addition, 'RA06' and Paragraph 3.43 of the PAC report also suggested the subject to the availability of adequate sewerage infrastructure in order to ensumendment RA06 could be incorporated into the same policy that would add Both RA05 and RA06 of the PAC report were reiterated through required moissued to the council by the Department for Infrastructure (DfI). The council has developed two options for the strategic policy to deal with the Option 1 reflects the wording suggested in the PAC report to address RA05 policy', as it envisages a strict separation of land into specific phasing. Option 2 represents the Council's response to RA05/MOD05 and RA06/MO policy that has a similar effect to the PAC's proposed wording but with more Plan Strategy (most notably Policies EC2 and HOU1) and the need for phas Whilst the Council's initial preferred approach was to have no such policy, the	cort also suggested the need for all uncommitted land to be developed during the plan period to be tructure in order to ensure deliverability of the growth strategy. This same paragraph advised that e policy that would address the issue of phasing. Ed through required modifications 'MOD05' and 'MOD06' detailed in Schedule 1 of the direction ure (Dfl). Ici policy to deal with the issues above: Export to address RA05/MOD05 and RA06/MOD06. It is referred to as the 'Prescriptive phasing specific phasing. MOD05 and RA06/MOD06 and is referred to as the "Strategic policy plus LPP". It is a strategic wording but with more flexibility in-built, referring to existing provisions within the broader draft								
	scoped out. Option 1	Option 2								
Option	Prescriptive phasing policy	Strategic policy plus LPP								
Summary	A policy based on the phasing of land so that only committed housing and employment developments (i.e. those with extant planning permission) can be delivered prior to any further infrastructure investment. New, Phase 2 sites, would then only be released for development when it is established that the necessary water and sewerage infrastructure is in place.	Strategic policy that flags up the role that infrastructure capacity has to play in delivering growth and to alert developers to the need for associated infrastructure to be available to enable development. It references the role of the LPP in managing growth through new zonings, phased as required to take account of existing commitments, projected requirements and infrastructure provision.								
Social Effects	Significant negative effects: Providing good quality housing Minor negative effects: Access to local services and facilities	Minor positive effects: Access to local services and facilities Minor negative effects: Providing good quality housing								
Economic Effects	Significant negative effect: Ensuring increased access to employment opportunities; Allowing Belfast to compete economically and encouraging sustainable travel Minor negative effects: Integrated transport and sustainable travel	Minor positive effect: Integrated transport and sustainable travel Minor negative effects: Ensuring increased access to employment opportunities; Allowing Belfast to compete economically and encouraging sustainable travel								

STRATEGIC POLICIES										
Policy name	SP1A – MANAGING GROWTH AND SUPPORTING INFRASTRUCTURE DELIVERY									
	Significant positive effect: Protecting biodiversity, habitats and species; Promoting efficient use of water resources	Significant positive effect: Protecting biodiversity, habitats and species; Promoting efficient use of water resources								
Environmental Effects	Minor positive: Protecting soil quality Minor negative effect: Reducing greenhouse gas emissions, air quality and transition to a low carbon economy	Minor positive effect: Protecting soil quality; Reducing greenhouse gas emissions, air quality and transition to a low carbon economy								
Reasons for Selecting Preferred Option	Option 2 has been selected as the council's preferred option. Whilst both options have a number of positive effects in relation to a number of environmental objectives, there are inherent negative implications in relation to some of the social and economic objectives of Option 1 as a result of the potential to constrain the provision of land for both new homes and new employment opportunities. The flexibility afforded by Option 2 however, and the ability to bring forward land through a plan-led approach as guided by the LPP, helps to mitigate some of these negative effects.									
Mitigation	Mitigation is afforded through the development management process to ensure sufficient infrastructure is in place, limiting impacts on biodiversity, flood risk, etc. The use of indicative annual rates within Policy HOU1 is also a measure which has been proposed as mitigation, in light of known infrastructure constraints in Belfast in the short term.									
Mitigation	The LPP process also affords the opportunity to further mitigate potential negative effects by ensuring, if required, that land is phased in an appropriate manner to take account of existing commitments, development requirements and infrastructure constraints. When allocating land as part of the LPP process, zonings can also minimise distances between resident population and their places of work.									
Timescale of effect	The difficulties facing the City's sewerage infrastructure are current and ongo are not currently clear. The effects, both positive and negative, are therefore medium and into the longer-term until such time as the constraints are rectification.	e likely to be realised in the short-term and may continue through the								

Table A3: SA assessment matrix for new policy SP1A

STRATEGIC POLICIES			ES	SP1A Managing growth and supporting infrastructure delivery						
CA Ob:		Opt	ions	Comments						
SA Obj	ectives	1	2	Comments						
	1	0	0	There is not considered to be any effect on or relationship with this SA objective.						
	2	0	0	There is not considered to be any effect on or relationship with this SA objective.						
	3	_	-	Option 1 – Limiting growth to existing consents may serve to severely reduce the provision of good quality housing. This policy has an inherent lack of flexibility and may prevent development even where there exists infrastructure capacity, leading to a significant negative impact on this SA Objective. Option 2 – As with Option 1, limiting growth may severely reduce the provision of good quality housing, but a less strict approach,						
Social				relying on detailed site assessment at LPP stage is likely to mitigate this to a certain extent, reducing the assessment to a minor negative.						
37	4	0	0	There is not considered to be any effect on or relationship with this SA objective.						
	5	0	0	There is not considered to be any effect on or relationship with this SA objective.						
	6	-	+	Option 1 – Extant consents are less likely than a plan-led approach to have regard to existing or future service provision, so this strict policy approach risks a disconnect between the location of new housing and local services and facilities needed to support them.						
				Option 2 – A plan-led approach to delivering new residential development through the LPP will allow local infrastructure services and facilities to be effectively planned alongside.						
Economic	7	_	-	Option 1 – Limiting growth to existing consents may serve to severely reduce the provision of new employment opportunities. This policy has an inherent lack of flexibility and may prevent development even where there exists infrastructure capacity. It is also more likely than a plan-led approach to risk a disconnect between the location of homes and job opportunities. It is therefore assessed to have a significant negative impact on this SA Objective.						
Ecc				Option 2 – As with Option 1, limiting growth may severely reduce the provision of employment floorspace, but a less strict approach, relying on detailed site assessment at LPP stage is likely to mitigate this to a certain extent, reducing the assessment to a minor negative.						

	STRATE	GIC POLICII	ES	SP1A Managing growth and supporting infrastructure delivery
SA Obj	ootivos	Opt	ions	Comments
SA ODJ	ectives	1	2	Comments
	8	_		Option 1 – Limiting growth to existing consents may serve to severely reduce the provision of new opportunities for economic development. This policy has an inherent lack of flexibility and may prevent development even where there exists infrastructure capacity, leading to a significant negative impact on this SA Objective.
				Option 2 – As with Option 1, limiting growth may severely reduce the provision of new opportunities for economic development, but a less strict approach, is likely to mitigate this to a certain extent, reducing the assessment to a minor negative.
	9	_	+	Option 1 – Extant consents are less likely than a plan-led approach to have regard to existing or future service provision, so this strict policy approach risks a disconnect between the location of homes and jobs and services, undermining opportunities for sustainable travel.
				Option 2 – A plan-led approach to delivering new homes and employment floorspace through the LPP will allow local better spatial synergy, helping support the plan's objectives to promote integrated and sustainable travel.
	10			Both options will ensure that the appropriate wastewater treatment and sewerage infrastructure is in place to enable development without the risk of untreated wastewater damaging any biodiversity habitats, protected habitats or species.
				The stricter policy approach of Option 1 seeks to introduce a blanket approach to the restriction of development at an early stage.
		++	**	Option 2 , through a strategic policy approach, seeks to provide scope for development on an ongoing basis based on the individual circumstances and the ability to address the obligations in respect of appropriate infrastructure alongside the required safeguards. This is likely to include those provisions which will support the protection and enhancement of biodiversity, including protected habitats and species.
ental	11	•	+	Both options will ensure that the appropriate wastewater treatment and sewerage infrastructure is in place to enable development without the risk of untreated wastewater leaching into soil or watercourses. This is only likely to be a minor positive effect in both cases.
Environmental	12	0	0	There is not considered to be any effect on or relationship with this SA objective.
ш	13	0	0	There is not considered to be any effect on or relationship with this SA objective.
	14	0	0	There is not considered to be any effect on or relationship with this SA objective.
	15	0	0	There is not considered to be any effect on or relationship with this SA objective.

	STRATEGIC POLICIES		ES	SP1A Managing growth and supporting infrastructure delivery
CA Obj		Opt	ions	0
SA Obj	ectives	1	2	Comments
	16	++	++	Both options will ensure that the appropriate wastewater treatment and sewerage infrastructure is in place to prior to development being approved as part of the development management process.
	17	-	+	Option 1 – As a strict policy approach risks a disconnect between the location of homes and jobs and services, it could serve to undermine opportunities for sustainable travel options, with associated negative effects on pollution and air quality. Option 2 – A plan-led approach to delivering new homes and employment floorspace through the LPP will allow local better spatial synergy, helping support the plan's objectives to promote integrated and sustainable travel, which could in turn have a minor positive effect by reducing pollution and air quality.
	18	-	+	Option 1 – As with SA9, extant consents may have little regard to existing or future service provision, so a strict policy approach risks a disconnect between the location of homes and jobs and services. This could undermine opportunities for sustainable travel and greater reliance on longer journeys and private car use, with consequent implications for greenhouse gas emissions. Option 2 – As with SA9, a plan-led approach to delivering new homes and employment floorspace through the LPP will allow local better spatial synergy, helping support the plan's objectives to promote integrated and sustainable travel, with consequential positive implications for reducing greenhouse gases and transitioning to a low carbon economy.
	19	0	0	There is not considered to be any effect on or relationship with this SA objective.
Sum	mary _	Options		Comments
Sum	mary	1	2	Comments
Total	scores	- 5	6	Option 1 scores -5, which equates to a minor negative total score Option 2 scores 6, which equates to a minor positive total score This demonstrates that Option 2, as the council's preferred option, would perform better against the SA objectives.

 Table A4:
 Updated Total Strategic Policy scores, including new policy SP1A

	STRATEGY ->				STR	ATEGIC POLIC	CIES			
	POLICY ->		SP1A	SP2	SP3	SP4	SP5	SP6	SP7	SP8
	SA1	++	0	+		+	++		++	
	SA2	+	0	+		+	++		++	
Social	SA3	+	-	+		++	+		+	
Soc	SA4	0	0	+		+	+		0	
	SA5	0	0	+		?	0	m	0	
	SA6	++	+	+		?	+	Appraised under draft Policies ENV2 & ENV3	+	
	Social Scoring	6	0	6	5	5	7	м	6	<u>70</u>
JE .	SA7	++	-	+	Ĭ	?	+	₹	+	<u> </u>
Economic	SA8	+	-	+	olic	+	+	ω ω	++	olic
ы	SA9	+	+	+	Appraised under draft Policy HC1	?	+	icie	++	#
E	conomic Scoring	4	-1	3	dra	1	3	Pol	5	dra
	SA10	-	++	+	der	0	+	raft	0	ıder
	SA11	+	+	+	, is	0	0	er d	0	in p
	SA12	++	0 +	+	ise	0	+	pur	+	isec
ntal	SA13	+	0	+	opra	0	+	ed 1	0	Appraised under draft Policy GB1
Environmental	SA14	+/-	0	+	¥	0	+	rais	0	
/iror	SA15	+	0	-		0	0	дд√	0	
Ë	SA16	+/-	++	+/-		0	0		0	
	SA17	+	+	+		0	+		++	
	SA18	+	+	+		0	+		++	
	SA19	+/-	0	+		0	+		++	
Env	ironmental Scoring	6	7	7		0	7		7	
				_						
		SP1	SP1A	SP2	SP3	SP4	SP5	SP6	SP7	SP8
То	otal Policy Score	16	6	16		6	17		18	
		+	+	+		+	+		+	

Impact: The total policy score for Policy SP1A is a minor positive

Table A5: Updated All Policy Scores table, including new policy SP1A



Impact: The total scoring for all policies in the plan has been updated to include SP1A, which introduces an additional positive impact

Table A6: Updated Total Effects of the Strategic Policies on the SA Objectives, including new policy SP1A

STRATEGY	POLICY	Social							Economic			Environmental										
		SA1	SA2	SA3	SA4	SA5	SA6	SA7	SA8	SA9	SA10	SA11	SA12	SA13	SA14	SA15	SA16	SA17	SA18	SA19		
STRATEGIC POLICIES	SP1	++	+	+	0	0	++	++	+	+	-	+	++	+	+/-	+	+/-	+	+	+/-		
	SP1A	0	0	-	0	0	+	-	-	+	++	+	0	0	0	0	++	+	+	0		
	SP2	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+/-	+	+	+		
	SP3		Appraised under draft Policy HC1																			
	SP4	+	+	++	+	?	?	?	+	?	0	0	0	0	0	0	0	0	0	0		
	SP5	++	++	+	+	0	+	+	+	+	+	0	+	+	+	0	0	+	+	+		
	SP6		Appraised under draft Policies ENV2 & ENV3																			
	SP7	++	++	+	0	0	+	+	++	++	0	0	+	0	0	0	0	++	++	++		
	SP8		Appraised under draft Policy GB1																			
SA Objective		1	2	3	4	5	6	7	8	9*	10	11	12	13	14	15	16	17	18	19		
Previous Total Effects (scoring formula based on 5 policies)		8	7	6	3	1	5	5	6	5*	1	2	5	3	2	0	0	5	5	4		
		++	++	++	+	+	+	+	++	+*	+	+	+	+	+	0	0	+	+	+		
Updated Total Effects (scoring formula based on 6 policies)		8	7	5	3	1	6	4	5	6	3	3	5	3	2	0	2	6	6	4		
		++	++	+	+	+	+	+	+	+	+	+	+	+	+	0	+	+	+	+		

Impact: The introduction of SP1A has affected ten individual scores.

Of these, based on the updated scoring formula, the final total effects have now changed for three SA Objectives:

The total positive effects of the Strategic Policies on SA Objectives 3 & 8 have **decreased from significant positive to minor positive** (yellow boxes)

The total effects of the Strategic Policies on SA Objective 16 have increased from neutral to minor positive (green boxes)

^{*} Mistake from 2018 SA Report corrected for SA Objective 9 – previously shown total effects score of 'o' & 'o' corrected to '5' & '+'. Policy SP1A has no impact on this

^{*} This correction has no impact on the final 'All Policy' scores. The Total Effects of the LDP table has been updated to reflect the same correction

 Table A7:
 Updated Total Effects of the LDP, including new policy SP1A

Total Effects of the LDP

SA Sustainability Objectives →																					
LDP ♦	SOCIAL							ECONOMIC			ENVIRONMENTAL										
LDP V	1	2	3	4	5	6	7	8	9*	10	11	12	13	14	15	16	17	18	19		
Strategic Policies	++	++	+	+	+	+	+	+	+	+	+	+	+	+	0	+	+	+	+		
Spatial Development	++	+	+	+	+	++	+	+	0	+	+	+	+	+	-	0	+	+	+		
Shaping a Liveable Place	+	++	++	+	+	+	+	++	+	+	+	+	+	+	+	+	+	+	+		
Creating a Vibrant Economy	++	++	+	+	+	+	++	++	+	+	+	+	+	+	-	+	+	+	+		
Building a Smart Connected Resilient Place	+	++	+	+	+	+	+	++	+	+	+	+	+	+	+	+	+	+	+		
Promoting a Green & Active Place	++	+	++	+	0	+	+	++	+	**	++	++	++	++	0	++	++	++	++		
PREVIOUS TOTAL PLAN EFFECTS	10	10	9	6	5	7	7	11	5*	7	7	7	7	7	0	5	7	7	7		
UPDATED TOTAL PLAN EFFECTS	10	10	8	6	5	7	7	10	5	7	7	7	7	7	0	6	7	7	7		

Impact: The introduction of SP1A has impacted the total effects of three Strategic Policies, with two decreasing and one increasing, however when these are equated into effect, there is no impact on the 'total effect' of the plan as a whole on any SA Objective.

^{*} Previous total effects of Strategic Policies against SA Objective 9 updated to correct typing error from 2018 SA Report – '0' score now corrected to '5'

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