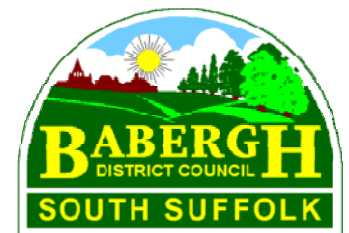


Sustainability Appraisal

Section 11: Physical Infrastructure



Core Strategy Issues and Options: INF2 Opt1: Physical infrastructure secured case by case basis through s106 agreements

Sustainability Objective	Sub Objective	Predicted Effects								Justification for assessment
		Nature of Effect (quantify where possible)	Short Term	Med term	Long term	Secondary	Cumulative	Synergy	Rating	
Social Indicators										
Health	Health facilities	No direct link	0	0	0	0	0	0	0	
	Death rates	No direct link	0	0	0	0	0	0	0	
	Healthy lifestyles	No direct link	0	0	0	0	0	0	0	
Education	Improve Qualifications	No direct link	0	0	0	0	0	0	0	
Crime and anti-social activities	Will reduce crime	Potential for improvement	++	++	++	?	?	?	++	Where large developments take place there would be a requirement for investment in neighbourhood policing
	Reduce fear of crime	Potential for improvement (large developments)	++	++	++	?	?	?	++	As above- a physical police presence can reduce fear of crime.
	Reduce noise and odours	No direct link	0	0	0	0	0	0	0	
Poverty and social exclusion	Reduce poverty	No direct link	0	0	0	0	0	0	0	
Access key services	Access key local services	No direct link	0	0	0	0	0	0	0	Good road/rail links will help this but no significant direct/indirect impacts are expected.
	Accessibility of shopping facilities	No direct link	0	0	0	0	0	0	0	
	Access child care	No direct link	0	0	0	0	0	0	0	
Employment	Unemployment	No direct link	0	0	0	0	0	0	0	
	Job opportunities	No direct link	0	0	0	0	0	0	0	
	Improve earnings	No direct link	0	0	0	0	0	0	0	
Housing	Reduce homelessness	No direct link	0	0	0	0	0	0	0	
	Provide enough housing	No change expected	0	0	0	0	0	0	0	Current system delivers housing so this would not be expected to change.
	Increase range and affordability	No change expected	0	0	0	0	0	0	0	

Core Strategy Issues and Options: INF2 Opt1: Physical infrastructure secured case by case basis through s106 agreements

Sustainability Objective	Sub Objective	Predicted Effects								Justification for assessment
		Nature of Effect (quantify where possible)	Short Term	Med term	Long term	Secondary	Cumulative	Synergy	Rating	
	Reduce no of unfit homes	No direct link	0	0	0	0	0	0	0	
Community participation	Satisfaction of neighbourhood	No direct link	0	0	0	0	0	0	0	
	Increase green space	No direct link	0	0	0	0	0	0	0	
	Engagement in decision making	No direct link	0	0	0	0	0	0	0	
	Involvement in volunteer activities	No direct link	0	0	0	0	0	0	0	
	Improve ethnic relations	No direct link	0	0	0	0	0	0	0	
	Improve access to cultural facilities	No direct link	0	0	0	0	0	0	0	
Summary of appraisal against social objectives			No significant changes to be applied so physical infrastructure will continue to be delivered as currently.							
Environmental Indicators										
Water and air quality	Quality of water	Should be maintained or improved	+	+	+	?	?	?	+	By considering development on a case by case basis, water quality requirements should be met in time with development.
	Quality of air	No direct link	0	0	0	0	0	0	0	
To conserve soil resources and quality	Minimise loss of Greenfield land	No direct link	0	0	0	0	0	0	0	
	Loss agricultural land	No direct link	0	0	0	0	0	0	0	
	Soil quality	No direct link	0	0	0	0	0	0	0	
Use of water and mineral resources	Sustainable use of minerals	No direct link	0	0	0	0	0	0	0	
	Sustainable use of water	No direct link	0	0	0	0	0	0	0	
Reduce waste	Reduce household waste	No direct link	0	0	0	0	0	0	0	

Core Strategy Issues and Options: INF2 Opt1: Physical infrastructure secured case by case basis through s106 agreements

Sustainability Objective	Sub Objective	Predicted Effects								Justification for assessment
		Nature of Effect (quantify where possible)	Short Term	Med term	Long term	Secondary	Cumulative	Synergy	Rating	
	Increase recycling	Potentially improve	+	+	+	0	0	0	+	There may be investment for recycling- particularly for larger sites/developments
Reduce effects of traffic	Effect traffic volumes	Potentially improve	++	++	++	+	?	?	++	In theory, ensuring that the correct infrastructure is in place for each development (as considered on case by case basis) will reduce the traffic at the location and elsewhere in the locality
	Reduce need for local travel	No direct link	0	0	0	0	0	0	0	
	Increase journeys by methods other than personal car	Potentially improve	0	0	0	+	+	+	+	Provision of public transport access or minimised parking (e.g.) can encourage other transport methods where suitable- which would be identified on a case by case assessment of each site.
Reduce contributions to climate change	Reducing energy consumption?	Improve	++	++	++	?	?	?	++	By ensuring that infrastructure is appropriate to the development, less energy will be wasted and it can be designed and phased to minimise energy through development and later use. Also, to comply with low emissions targets, improved infrastructure may be required
	Increase proportion of energy needs met by renewable sources?	Potentially improve	+	+	+	0	0	0	+	In compliance with increasingly strict national targets, case by case studies can assess whether it would be suitable to provide energy through renewable sources where appropriate for each site.
Vulnerability to climatic events	Minimise risk of flooding	Improve	++	++	++	0	0	0	++	By investing in water infrastructure where it will be needed (identified through case study of site) flood risk can be addressed
	Risk damage from storms	No direct link	0	0	0	0	0	0	0	
Conserve and enhance biodiversity	Maintain designated sites	No direct link	0	0	0	0	0	0	0	

Core Strategy Issues and Options: INF2 Opt1: Physical infrastructure secured case by case basis through s106 agreements

Sustainability Objective	Sub Objective	Predicted Effects								Justification for assessment
		Nature of Effect (quantify where possible)	Short Term	Med term	Long term	Secondary	Cumulative	Synergy	Rating	
	Deliver targets of Suffolk Biodiversity Action Plan	No direct link	0	0	0	0	0	0	0	
	Reverse decline in farmland birds	No direct link	0	0	0	0	0	0	0	
Historical and archaeological importance	Protect designated historical sites	No direct link	0	0	0	0	0	0	0	
	Protect designated archaeological sites	No direct link	0	0	0	0	0	0	0	
	Protect designated geological sites	No direct link	0	0	0	0	0	0	0	
Landscapes and townscapes	Reduce underused land	No direct link	0	0	0	0	0	0	0	
	Improve landscape/townscape	No direct link	0	0	0	0	0	0	0	
Summary of appraisal against environmental objectives			By addressing the needs of each site, phasing and infrastructure investment can be timed to provide what is needed for the development. The benefits to the environment include the investments in renewable energy (likely to be a priority) and increased efficiency which will lead to lower emissions.							
Economic Indicators										
Economic growth	Improve business development	No direct link	0	0	0	0	0	0	0	
	Promote growth in key sectors	No direct link	0	0	0	0	0	0	0	
	Economic performance	No effect	0	0	0	0	0	0	0	
	Rural diversification	No direct link	0	0	0	0	0	0	0	

Core Strategy Issues and Options: INF2 Opt1: Physical infrastructure secured case by case basis through s106 agreements

Sustainability Objective	Sub Objective	Predicted Effects								Justification for assessment
		Nature of Effect (quantify where possible)	Short Term	Med term	Long term	Secondary	Cumulative	Synergy	Rating	
To revitalise town centres	Increase range of employment opportunities	No direct link	0	0	0	0	0	0	0	
	Decrease vacant units in town centres?	No direct link	0	0	0	0	0	0	0	
To encourage efficient patterns of movement in support of economic growth	Will it reduce commuting	No direct link	0	0	0	0	0	0	0	
To encourage efficient patterns of movement in support of economic growth	Improve accessibility to work	Potentially improve	0	0	0	+	+	+	+	By ensuring that transport infrastructure is in place we could encourage more people to use it.
	Reduce journey times between employment areas	No direct link	0	0	0	0	0	0	0	
	Increase freight transported	Improve	+	+	+	0	0	0	+	BY considering whether each development will produce an increase in freight, the infrastructure to be provided can be identified.
	Increase consumption of local goods	No direct link	0	0	0	0	0	0	0	
Increase investment	Encourage indigenous business	No direct link	0	0	0	0	0	0	0	

Core Strategy Issues and Options: INF2 Opt1: Physical infrastructure secured case by case basis through s106 agreements

Sustainability Objective	Sub Objective	Predicted Effects								Justification for assessment
		Nature of Effect (quantify where possible)	Short Term	Med term	Long term	Secondary	Cumulative	Synergy	Rating	
	Encourage inward investment	No direct link	--	--	--	0	0	0	--	This method is a reactive process and so is unlikely to attract speculative/investment due to the fact that it only provides infrastructure directly linked to that of the proposed development
	Make land available for business development	No direct link	0	0	0	0	0	0	0	
Summary of appraisal against economic objectives			Limited effects on economic objectives but by using s106/site assessed contributions it is unlikely to attract much business/investment or even support growth as contributions can only be secured when they are related to the development. TO encourage more inward investment we should be providing infrastructure first before development happens.							
<p>Conclusions: Securing physical infrastructure contributions on a case by case basis will ensure that the correct ones are provided- however this may mean that some larger, more significant improvements do not come forwards if they take contributions from more than one development source and these cannot be coordinated. The contributions are agreed only after proposals have been submitted and so it would be difficult to attract external organisations into areas where there may be issues with the infrastructure. That said, it does mean that all contributions are related to the developments There may be reduced contributions for physical infrastructure from smaller developments?</p> <p>Score ++ Major positive + Minor positive - Minor negative - - Major negative 0 Neutral effect ? Uncertain effect</p> <p> 4 7 0 1 50 0</p>										
<p>Recommendations: The value of considering sites on site by site basis is high but there is a risk of the largest projects not being provided for (those which cover more than the area of interest) unless the utility companies (e.g.) are doing them.</p>										

Core Strategy Issues and Options: INF2 Opt1: Physical infrastructure secured case by case basis through s106 agreements

Sustainability Objective	Sub Objective	Predicted Effects							Justification for assessment
		Nature of Effect (quantify where possible)	Short Term	Med term	Long term	Secondary	Cumulative	Synergy	

Key to Appraisal of Effects

Will the policy make a positive or negative contribution to the appraisal objective?

++ Major positive + Minor positive - Minor negative - - Major negative 0 Neutral effect ? Uncertain effect

Core Strategy Issues and Options: INF2 Opt2: Infrastructure contributions sought through standardised local tariff

Sustainability Objective	Sub Objective	Predicted Effects								Justification for assessment
		Nature of Effect (quantify where possible)	Short Term	Med term	Long term	Secondary	Cumulative	Synergy	Rating	
Social Indicators										
Health	Health facilities	No direct link	0	0	0	0	0	0	0	
	Death rates	No direct link	0	0	0	0	0	0	0	
	Healthy lifestyles	No direct link	0	0	0	0	0	0	0	
Education	Improve Qualifications	No direct link	0	0	0	0	0	0	0	
Crime and anti-social activities	Will reduce crime	Improve	++	++	++	?	?	?	++	Investment in police likely to happen, particularly for larger developments.
	Reduce fear of crime	Improve	++	++	++	?	?	?	++	As above- visible investment reduces fear of crime
	Reduce noise and odours	No direct link	0	0	0	0	0	0	0	
Poverty and social exclusion	Reduce poverty	No direct link	0	0	0	0	0	0	0	
Access key services	Access key local services	No direct link	0	0	0	0	0	0	0	Good links will help but not expected to be significant changes
	Accessibility of shopping facilities	No direct link	0	0	0	0	0	0	0	
	Access child care	No direct link	0	0	0	0	0	0	0	
Employment	Unemployment	No direct link	0	0	0	0	0	0	0	
	Job opportunities	No direct link	0	0	0	0	0	0	0	
	Improve earnings	No direct link	0	0	0	0	0	0	0	
Housing	Reduce homelessness	No direct link	0	0	0	0	0	0	0	
	Provide enough housing	No direct link	0	0	0	-	-	-	-	There is a risk that the cost could increase if a tariff system means that a threshold will be imposed above which contributions have to be made and if this threshold is low. Potentially smaller developments may not come forwards

Core Strategy Issues and Options: INF2 Opt2: Infrastructure contributions sought through standardised local tariff

Sustainability Objective	Sub Objective	Predicted Effects								Justification for assessment
		Nature of Effect (quantify where possible)	Short Term	Med term	Long term	Secondary	Cumulative	Synergy	Rating	
	Increase range and affordability	No direct link	0	0	0	0	0	0	0	
	Reduce no of unfit homes	No direct link	0	0	0	0	0	0	0	
Community participation	Satisfaction of neighbourhood	No direct link	0	0	0	0	0	0	0	
	Increase green space	No direct link	0	0	0	0	0	0	0	
	Engagement in decision making	No direct link	0	0	0	0	0	0	0	
	Involvement in volunteer activities	No direct link	0	0	0	0	0	0	0	
	Improve ethnic relations	No direct link	0	0	0	0	0	0	0	
	Improve access to cultural facilities	No direct link	0	0	0	0	0	0	0	
Summary of appraisal against social objectives			Limited impacts on social indicators although investment in road/rail could improve accessibility							
Environmental Indicators										
Water and air quality	Quality of water	Maintained or improved	+	+	+	?	?	?	+	By ensuring that contributions are made, the quality will improve.
	Quality of air	No direct link	0	0	0	0	0	0	0	
To conserve soil resources and quality	Minimise loss of Greenfield land	No direct link	0	0	0	0	0	0	0	
	Loss agricultural land	No direct link	0	0	0	0	0	0	0	
	Soil quality	No direct link	0	0	0	0	0	0	0	
Use of water and mineral resources	Sustainable use of minerals	No direct link	0	0	0	0	0	0	0	
	Sustainable use of water	No direct link	0	0	0	0	0	0	0	

Core Strategy Issues and Options: INF2 Opt2: Infrastructure contributions sought through standardised local tariff

Sustainability Objective	Sub Objective	Predicted Effects								Justification for assessment
		Nature of Effect (quantify where possible)	Short Term	Med term	Long term	Secondary	Cumulative	Synergy	Rating	
Reduce waste	Reduce household waste	No direct link	0	0	0	0	0	0	0	
	Increase recycling	Potentially improve	+	+	+	0	0	0	+	Local tariffs will encourage general investment for all development including recycling
Reduce effects of traffic	Effect traffic volumes	Potentially improve	+	+	+	+	?	?	+	Having the correct physical infrastructure in place will lead to improved traffic control
	Reduce need for local travel	No direct link	0	0	0	0	0	0	0	
	Increase journeys by methods other than personal car	Potentially improve	0	0	0	+	+	?	+	By providing the infrastructure for alternatives to the personal car, it may make it easier for people to use them.
Reduce contributions to climate change	Reducing energy consumption?	Improve	++	++	++	0	0	0	++	Requirements and targets could be set out elsewhere in Core Strategy which will require an increase in efficiency
	Increase proportion of energy needs met by renewable sources?	Potentially improve	+	+	+	0	0	0	+	Similar to above, and by ensuring that infrastructure put in place has energy provided by renewable sources
Vulnerability to climatic events	Minimise risk of flooding	Potentially improve	++	++	++	0	0	0	++	By improving the infrastructure and its ability to deal with water
	Risk damage from storms	No direct link	0	0	0	0	0	0	0	
Conserve and enhance biodiversity	Maintain designated sites	No direct link	0	0	0	0	0	0	0	
	Deliver targets of Suffolk Biodiversity Action Plan	No direct link	0	0	0	0	0	0	0	

Core Strategy Issues and Options: INF2 Opt2: Infrastructure contributions sought through standardised local tariff

Sustainability Objective	Sub Objective	Predicted Effects								Justification for assessment
		Nature of Effect (quantify where possible)	Short Term	Med term	Long term	Secondary	Cumulative	Synergy	Rating	
	Reverse decline in farmland birds	No direct link	0	0	0	0	0	0	0	
Historical and archaeological importance	Protect designated historical sites	No direct link	0	0	0	0	0	0	0	
	Protect designated archaeological sites	No direct link	0	0	0	0	0	0	0	
	Protect designated geological sites	No direct link	0	0	0	0	0	0	0	
Landscapes and townscapes	Reduce underused land	No direct link	0	0	0	0	0	0	0	
	Improve landscape/townscape	No direct link	0	0	0	0	0	0	0	
Summary of appraisal against environmental objectives			Emissions and renewable energy targets will be contributed to by improving infrastructure and also by introducing greater energy supply by renewables. Also travel infrastructure could offer alternatives to the car.							
Economic Indicators										
Economic growth	Improve business development	No direct link	0	0	0	0	0	0	0	
	Promote growth in key sectors	No direct link	0	0	0	0	0	0	0	
	Economic performance	No direct link	0	0	0	0	0	0	0	
	Rural diversification	No direct link	0	0	0	0	0	0	0	
To revitalise town centres	Increase range of employment opportunities	No direct link	0	0	0	0	0	0	0	
	Decrease vacant units in town centres?	No direct link	0	0	0	0	0	0	0	

Core Strategy Issues and Options: INF2 Opt2: Infrastructure contributions sought through standardised local tariff										
Sustainability Objective	Sub Objective	Predicted Effects								Justification for assessment
		Nature of Effect (quantify where possible)	Short Term	Med term	Long term	Secondary	Cumulative	Synergy	Rating	
To encourage efficient patterns of movement in support of economic growth	Will it reduce commuting	No direct link	0	0	0	0	0	0	0	
To encourage efficient patterns of movement in support of economic growth	Improve accessibility to work	Potentially improve	+	+	+	0	0	0	+	By improving the infrastructure relative to the development, there should be greater access to road/rail transport
	Reduce journey times between employment areas	No direct link	0	0	0	0	0	0	0	
	Increase freight transported	No direct link	+	+	+	0	0	0	+	Depending on type of development, there may be some requirement for investment into rail, e.g.
	Increase consumption of local goods	No direct link	0	0	0	0	0	0	0	
Increase investment	Encourage indigenous business	No direct link	0	0	0	0	0	0	0	
	Encourage inward investment	No direct link	0	0	0	0	0	0	0	
	Make land available for business development	No direct link	0	0	0	0	0	0	0	
Summary of appraisal against economic objectives			Limited impacts on economic objectives- mainly only relating to improve road/rail and therefore access. Similarly, to option 1, it is a reactive style and relates specifically to development.							

Core Strategy Issues and Options: INF2 Opt2: Infrastructure contributions sought through standardised local tariff

Sustainability Objective	Sub Objective	Predicted Effects							Justification for assessment
		Nature of Effect (quantify where possible)	Short Term	Med term	Long term	Secondary	Cumulative	Synergy	

Conclusions:
 Using the tariff system may allow greater flexibility of what to do with the money- although it would still have to be relative to the development- and would not necessarily deliver the larger scale infrastructure projects.
 In many ways it is similar to option 1 but details would depend on the thresholds imposed- this could result in greater levels of contributions, or conversely, less development coming forwards due to increased costs.

Score	++ Major positive	+ Minor positive	- Minor negative	- - Major negative	0 Neutral effect	? Uncertain effect
	3	8	1	0	50	

Recommendations:
 This would need to be set out in more detail to compare to the current s.106 system and would need to take into account local circumstances.

Key to Appraisal of Effects

Will the policy make a positive or negative contribution to the appraisal objective?
 ++ Major positive + Minor positive - Minor negative - - Major negative 0 Neutral effect ? Uncertain effect

Core Strategy Issues and Options: INF2 Opt3: Make provision for large scale infrastructure requirements											
Sustainability Objective	Sub Objective	Nature of Effect (quantify where possible)	Short Term	Medium Term	Long term	Secondary	Cumulative	Synergy	Rating	Justification for assessment	
Community participation	Satisfaction of neighbourhood	Improvement	++	++	++	0	0	0	++	Could help by ensuring major projects allowed for and brought forward before development	
	Increase green space	No direct link	0	0	0	0	0	0			
	Engagement in decision making	No direct link	0	0	0	0	0	0			
	Involvement in volunteer activities	No direct link	0	0	0	0	0	0			
Health	Improve ethnic health facilities	No direct link	0	0	0	0	0	0	0		
	Death rates	No direct link	0	0	0	0	0	0	0		
	Healthy lifestyles	No direct link	0	0	0	0	0	0	0		
Education	Improve access to qualifications	No direct link	0	0	0	0	0	0	0		
Summary of appraisal against social objectives	Will require some anti-social	Potential improvement	There are limited impacts on social objectives, but potentially major infrastructure would be committed over a large time and could lead to significant benefits.								Potentially major infrastructure would be committed over a large time and could lead to significant benefits.
Environmental Indicators											
Water and air quality	Reduce fear of crime	Potential improvement	++	++	++	?	?	?	++	AS above- if it is secured Any required water infrastructure would be likely to qualify as larger project and therefore may gain funding	
	Reduce noise and odours	No direct link	0	0	0	0	0	0	0		
	Quality of air	No direct link	0	0	0	0	0	0	0		
Poverty and To conserve social resources and quality	Reduce poverty	No direct link	0	0	0	0	0	0	0	Infrastructure improvements could help with these objectives.	
	Minimise loss of Greenfield land	No direct link	0	0	0	0	0	0	0		
	Access key local services	No direct link	0	0	0	0	0	0	0		
	Loss agricultural land	No direct link	0	0	0	0	0	0	0		
Use of water and mineral resources	Soil quality	No direct link	0	0	0	0	0	0	0		
	Sustainable use of shopping facilities	No direct link	0	0	0	0	0	0	0		
Employment	Access child care	No direct link	0	0	0	0	0	0	0		
	Unemployment	No direct link	0	0	0	0	0	0	0		
	Sustainable use of job opportunities	No direct link	0	0	0	0	0	0	0		
Reduce waste	Reduce household waste	No direct link	0	0	0	0	0	0	0		
Housing	Reduce homelessness	Potentially improve	?	?	?	0	0	0	?	If a major recycling facility gained funding then an improvement would be seen if infrastructure is identified and funded secured prior to development starting- by working with providers and considering phasing this could be done.	
	Increase recycling	No direct link	++	++	++	0	0	0	++		
Reduce effects of traffic	Effect traffic volumes	Potentially improve	++	++	++	?	0	?	++	By improving the roads and rail, potentially could improve traffic problems (likely to be high on agenda)	

Economic Indicators										
Economic growth	Improve business performance Increase employment Promote growth in personal car	Possible positive Potentially improve No direct link	0 0 0	0 0 0	0 0 0	+	+	+	+	Possible improvements by making Babergh more attractive to speculative investors- there is potential for improvement
Reduce contributions to climate change To revitalise town centres	Economic performance? Rural diversification Increase range of employment opportunities Renewable sources? Release vacant buildings? Minimise risk of flooding Will it reduce commuting Risk damage from storms Maintain designated sites	Potentially improve No direct link Potentially improve No direct link Should improve No direct link No direct link	+	+	+	?	?	?	+	National targets for emissions means likely to have funds secured against projects to reduce energy requirements National targets on energy generation mean that energy will have to be generated using renewables.
Vulnerability to climatic events To encourage efficient patterns of movement in support of economic biodiversity	Renewable sources? Release vacant buildings? Minimise risk of flooding Will it reduce commuting Risk damage from storms Maintain designated sites	No direct link Should improve No direct link No direct link No direct link	0 ++ 0 0 0	0 ++ 0 0 0	0 ++ 0 0 0	0 ?	0 ?	0 ?	0 ++	Areas at risk of flooding would be expected to be covered under major projects and so may receive funding from government where they would not otherwise receive anything.
To encourage efficient patterns of movement in support of economic biodiversity	Deliver targets of Suffolk Biodiversity Action Plan Reverse decline in farmland birds Protect designated areas Reduce journey times between employment areas Protect designated archaeological sites Increase road traffic Protect designated archaeological sites Reduce energy consumption Reduce goods used Encourage indigenous business Encourage landscape/ townscape	No direct link Potentially improve No direct link No direct link Potential improvement No direct link No direct link No direct link Potential improvement	0 0 0 0 +	0 0 0 0 +	0 0 0 0 +	0 ?	0 ?	0 ?	0 +	By improving infrastructure there is the chance that people will use more sustainable methods where available There may be benefit to securing major infrastructure in terms of road/rail
Landscapes and townscape	Encourage indigenous business Encourage landscape/ townscape	No direct link Potential improvement	0 0	0 0	0 0	0 ?	0 ?	0 ?	0 ?	If investment in significant infrastructure projects makes the district more attractive, then inwards investment may follow
Summary of appraisal against environmental objectives			Large investments required for (e.g.) renewable energy mean that if money was secured in addition to local contributions for each development, far more could come forward							

	Make land available for business development	No direct link	0	0	0	0	0	0	0	
Summary of appraisal against economic objectives			Generally positive as it would improve the infrastructure prior to specific developments being proposed.							
Conclusions:										
More proactive than options 1 and 2 and need can be identified and remedied before development takes place.										
Score	++ Major positive	+ Minor positive	- Minor negative	-- Major negative	0 Neutral effect	? Uncertain effect				
	7	8	0	0	46	1				
Recommendations:										
This may work in conjunction with other policies relating to more local infrastructure requirements. Mustn't concentrate too much on the larger projects- think of smaller and soft infrastructure too.										
Key to Appraisal of Effects										
Will the policy make a positive or negative contribution to the appraisal objective?										
++ Major positive + Minor positive - Minor negative -- Major negative 0 Neutral effect ? Uncertain effect										

Core Strategy Issues and Options: INF2 Opt4 Larger physical infrastructure projects secured through national government by grant funding										
Sustainability Objective	Sub Objective	Predicted Effects								Justification for assessment
		Nature of Effect (quantify where possible)	Short Term	Med term	Long term	Secondary	Cumulative	Synergy	Rating	
Social Indicators										
Health	Health facilities	No direct link	0	0	0	0	0	0	0	
	Death rates	No direct link	0	0	0	0	0	0	0	
	Healthy lifestyles	No direct link	0	0	0	0	0	0	0	
Education	Improve Qualifications	No direct link	0	0	0	0	0	0	0	
Crime and anti-social activities	Will reduce crime	Potential improvement	+	+	+	0	0	0	+	Grant funding may cover additional facilities/schemes
	Reduce fear of crime	Potential improvement	++	++	++	0	0	0	++	Babergh has a low crime rate but a higher fear of crime
	Reduce noise and odours	No direct link	0	0	0	0	0	0	0	
Poverty and social exclusion	Reduce poverty	No direct link	0	0	0	0	0	0	0	
Access key services	Access key local services	No direct link	0	0	0	0	0	0	0	Infrastructure improvements could help with these objectives.
	Accessibility of shopping facilities	No direct link	0	0	0	0	0	0	0	
	Access child care	No direct link	0	0	0	0	0	0	0	
Employment	Unemployment	No direct link	0	0	0	0	0	0	0	
	Job opportunities	No direct link	0	0	0	0	0	0	0	
	Improve earnings	No direct link	0	0	0	0	0	0	0	
Housing	Reduce homelessness	No direct link	0	0	0	0	0	0	0	
	Provide enough housing	Possible improvement	++	++	++	?	?	?	++	If infrastructure is in place./secured it may be easier to bring forward housing development
	Increase range and affordability	No direct link	0	0	0	0	0	0	0	

Core Strategy Issues and Options: INF2 Opt4 Larger physical infrastructure projects secured through national government by grant funding										
Sustainability Objective	Sub Objective	Predicted Effects								Justification for assessment
		Nature of Effect (quantify where possible)	Short Term	Med term	Long term	Secondary	Cumulative	Synergy	Rating	
	Reduce no of unfit homes	No direct link	0	0	0	0	0	0	0	
Community participation	Satisfaction of neighbourhood	Improvement	++	++	++	0	0	0	++	Could help by ensuring major projects allowed for and brought forward before development
	Increase green space	No direct link	0	0	0	0	0	0	0	
	Engagement in decision making	No direct link	0	0	0	0	0	0	0	
	Involvement in volunteer activities	No direct link	0	0	0	0	0	0	0	
	Improve ethnic relations	No direct link	0	0	0	0	0	0	0	
	Improve access to cultural facilities	No direct link	0	0	0	0	0	0	0	
Summary of appraisal against social objectives			Limited impacts on social objectives but planning in advance may help bring forward delivery of housing.							
Environmental Indicators										
Water and air quality	Quality of water	Improve	++	++	++	?	?	?	++	Larger projects, including water, may get financial support through the government where identified as being required for development (e.g. through Water Cycle Study). The funding will ensure that this is in place prior to development starting
	Quality of air	No direct link	0	0	0	0	0	0	0	
To conserve soil resources and quality	Minimise loss of Greenfield land	No direct link	0	0	0	0	0	0	0	
	Loss agricultural land	No direct link	0	0	0	0	0	0	0	
	Soil quality	No direct link	0	0	0	0	0	0	0	

Core Strategy Issues and Options: INF2 Opt4 Larger physical infrastructure projects secured through national government by grant funding										
Sustainability Objective	Sub Objective	Predicted Effects								Justification for assessment
		Nature of Effect (quantify where possible)	Short Term	Med term	Long term	Secondary	Cumulative	Synergy	Rating	
Use of water and mineral resources	Sustainable use of minerals	No direct link	0	0	0	0	0	0	0	
	Sustainable use of water	No direct link	0	0	0	0	0	0	0	
Reduce waste	Reduce household waste	No direct link	0	0	0	0	0	0	0	
	Increase recycling	Potentially improve	?	?	?	0	0	0	?	If a major recycling facility gained funding then an improvement would be seen if funding secured
Reduce effects of traffic	Effect traffic volumes	Potentially improve	++	++	++	?	0	?	++	By improving the roads and rail- potentially could improve traffic problems (likely to be high on agenda)
	Reduce need for local travel	No direct link	0	0	0	0	0	0	0	
	Increase journeys by methods other than personal car	Potentially improve	0	0	0	+	+	?	+	By allowing for improvement of the infrastructure, improvements may be seen where more people are able to use alternative methods of transport.
Reduce contributions to climate change	Reducing energy consumption?	Potentially improve	++	++	++	?	?	?	++	National targets for emissions means likely to have funds secured against projects to reduce energy requirements
	Increase proportion of energy needs met by renewable sources?	Potentially improve	++	++	++	?	?	?	++	National targets on energy generation mean that energy will have to be generated using renewables.
Vulnerability to climatic events	Minimise risk of flooding	Should improve	++	++	++	0	0	0	++	Areas at risk of flooding would be expected to be covered under major projects and so may receive funding from government where they would not otherwise receive anything.
	Risk damage from storms	No direct link	0	0	0	0	0	0	0	

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Sustainability Objective	Sub Objective	Predicted Effects								Justification for assessment
		Nature of Effect (quantify where possible)	Short Term	Med term	Long term	Secondary	Cumulative	Synergy	Rating	
Conserve and enhance biodiversity	Maintain designated sites	No direct link	0	0	0	0	0	0	0	
	Deliver targets of Suffolk Biodiversity Action Plan	No direct link	0	0	0	0	0	0	0	
	Reverse decline in farmland birds	No direct link	0	0	0	0	0	0	0	
Historical and archaeological importance	Protect designated historical sites	No direct link	0	0	0	0	0	0	0	
	Protect designated archaeological sites	No direct link	0	0	0	0	0	0	0	
	Protect designated geological sites	No direct link	0	0	0	0	0	0	0	
Landscapes and townscapes	Reduce underused land	No direct link	0	0	0	0	0	0	0	
	Improve landscape/townscape	No direct link	0	0	0	0	0	0	0	
Summary of appraisal against environmental objectives			General improvement by ensuring sites brought forwards sustainably with appropriate infrastructure							
Economic Indicators										
Economic growth	Improve business development	Possible positive	0	0	0	+	+	+	+	Possible improvements by making Babergh more attractive to speculative/investors.
	Promote growth in key sectors	No direct link	0	0	0	0	0	0	0	
	Economic performance	Positive	0	0	0	+	+	+	+	Possibly improve if infrastructure improvements make Babergh a more attractive place for inward investment

Core Strategy Issues and Options: INF2 Opt4 Larger physical infrastructure projects secured through national government by grant funding										
Sustainability Objective	Sub Objective	Predicted Effects								Justification for assessment
		Nature of Effect (quantify where possible)	Short Term	Med term	Long term	Secondary	Cumulative	Synergy	Rating	
	Rural diversification	No direct link	0	0	0	0	0	0	0	
To revitalise town centres	Increase range of employment opportunities	No direct link	0	0	0	0	0	0	0	
	Decrease vacant units in town centres?	No direct link	0	0	0	0	0	0	0	
To encourage efficient patterns of movement in support of economic growth	Will it reduce commuting	No direct link	0	0	0	0	0	0	0	
To encourage efficient patterns of movement in support of economic growth	Improve accessibility to work	Potentially improve	0	0	0	+	+	+	+	By improving infrastructure there is the chance that people will use more sustainable methods where available
	Reduce journey times between employment areas	No direct link	0	0	0	0	0	0	0	
	Increase freight transported	Potential improvement	+	+	+	?	?	?	+	There may be benefit to securing major infrastructure in terms of road/rail
	Increase consumption of local goods	No direct link	0	0	0	0	0	0	0	
Increase investment	Encourage indigenous business	No direct link	0	0	0	0	0	0	0	

Core Strategy Issues and Options: INF2 Opt4 Larger physical infrastructure projects secured through national government by grant funding

Sustainability Objective	Sub Objective	Predicted Effects								Justification for assessment
		Nature of Effect (quantify where possible)	Short Term	Med term	Long term	Secondary	Cumulative	Synergy	Rating	
	Encourage inward investment	Potential improvement	0	0	0	+	+	+	+	If investment in significant infrastructure projects makes the district more attractive, then inwards investment may follow
	Make land available for business development	No direct link	0	0	0	0	0	0	0	

Summary of appraisal against economic objectives Generally positive as it would improve the infrastructure prior to specific developments being proposed.

Conclusions:

More proactive than options 1 and 2 and need can be identified and remedied before development takes place. Similar to 3 in terms of effects- different sources of funding.

Score	++ Major positive	+ Minor positive	- Minor negative	- - Major negative	0 Neutral effect	? Uncertain effect
	8	7	0	0	46	1

Recommendations:

This may work in conjunction with other policies relating to more local infrastructure requirements.

Mustn't concentrate too much on the larger projects- think of smaller and soft infrastructure too.

Key to Appraisal of Effects

Will the policy make a positive or negative contribution to the appraisal objective?

++ Major positive + Minor positive - Minor negative - - Major negative 0 Neutral effect ? Uncertain effect