



2006 - 2021

Wrexham Local Development Plan

**Sustainability Appraisal of
Key Issues and Strategy Options**

December 2006



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1 Introduction

- 1.1 Developing the Vision: Key Issues and Strategy Options. (Nov 2006) seeks to encourage dialogue and consensus in developing a County Borough-wide planning and land use vision and strategy by:
- Considering key strategic issues, trends, constraints and opportunities in relation to national and regional policy and other plans and programmes; and
 - Identifying and assessing strategic spatial options, and their likely effect in delivering or hindering community aspirations.
- 1.2 This report sets out the findings of the Sustainability Appraisal of the growth and spatial options set out in the Wrexham Local Development Plan: Developing the Vision: Key Issues and Strategy Options (Nov 2006) in accordance with national policy guidance.
- 1.3 The purpose of a Sustainability Appraisal is to provide decisionmakers with the social, economic and environmental evidence needed to ensure sustainable development is at the heart of the Local Development Plan. This report will:
- map and provide conclusions of the overall sustainability of the options; and
 - highlight any inconsistencies between the preferred option and the sustainability objectives
- 1.4 This Sustainability Appraisal incorporates the requirements of the Strategic Environmental Assessment (SEA) regulations.

2 Context

- 2.1 In preparation for the Sustainability Appraisal of the Key Issues and Strategy Options, Wrexham County Borough Council prepared and consulted on a Stage A Scoping Report (Aug 2006). The Council consulted with the principal statutory environmental conservation bodies and a range of stakeholders in July 2006 to assess the 15 Sustainability Appraisal objectives proposed, as well as publishing the Scoping Report on our website for comments. Some minor amendments were made to the Scoping Report in light of the comments received.
- 2.2 This is an evolving process. The Scoping Report is a key document which underpins the Sustainability Appraisal proposal and its content will be revised as new data about local conditions becomes available to reflect changes in priorities.

3 Methodology

- 3.1 This stage B report entails appraising the growth and spatial options identified in Key Issues and Strategy Options against each of the 15 sustainable development objectives. These are specific statements of desired outcomes for the Local Development Plan, reflecting the sustainability issues affecting the County Borough.
- 3.2 Key Issues and Strategy Options examines how much growth is needed in the County Borough over the life of the Local Development Plan, and broadly where this growth could go. The six options for housing growth identified have been combined into options covering high, medium and low growth and the four options for employment land growth have been combined into options covering high, medium and low growth. Finally the five spatial options that have been proposed are evaluated.
- 3.3 Appendix 1 shows the range of questions asked of each growth and spatial option against each sustainability objective. These questions were identified in the Stage A Scoping Report, and the same range of questions is asked of each option for

consistency in order to test how that option will contribute to the overall objective of the Local Development Plan that the County Borough is a sustainable place to live, work and play.

- 3.4 The three tables in Appendix 2 appraise the growth and spatial options to assess which long term sustainability objectives are most appropriate to pursue. This brings this information together into a single place to enable the options to be compared against each other.

4 Summary of findings

4.1 The main area of conflict between the Sustainability objectives and the growth and spatial options is where those options which will encourage development, whilst meeting the social and economic sustainability objectives may conflict with those that seek to promote or maintain the natural, historic and built environment.

4.2 This conflict must be taken into account in developing the growth and spatial options, and placing development needs against conservation priorities on a site by site basis.

Housing Growth Options			
	Social	Economic	Environmental
Low	Neutral	Slightly negative	Mainly positive with some negative aspects
Medium	Mainly negative	Slightly positive	Mainly negative
High	Mainly negative	Mixture of positive and negative effects	Very negative
Employment Land Growth Options			
	Social	Economic	Environmental
Low	Very negative	Slightly negative	Mainly positive
Medium	Mixture of positive and negative effects	Fairly positive	Very negative
High	Mixture of positive and negative effects	Fairly positive	Very negative
Spatial Growth			
	Social	Economic	Environmental
A: Wrexham Focused	Slightly negative	Slightly negative	Mixture of positive and negative effects
B: Dispersal	Very positive	Slightly negative	Mixture of positive and negative effects
C: Regeneration	Fairly positive	Slightly positive	Mainly neutral
D: Rail Transport	Fairly negative	Mixture of positive and negative effects	Mixture of positive and negative effects
E: Employment Centres	Very positive	Mixture of positive and negative effects	Very negative, with some positive effects

5 Forthcoming work

- 5.1 Consultation workshops in January 2007 will provide an opportunity for key stakeholders to:
- Test how robust the SEA/SA objectives are
 - Propose changes to the sustainability appraisals of each option
- 5.2 Any proposed changes to the sustainability appraisal of the spatial and growth options will be considered and tested to see how these changes can inform the Scoping Report and will underpin the emerging Local Development Plan
- 5.3 If you would like to make any comments or suggestions on this sustainability appraisal then please contact:

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Key Sustainability Objectives – Appendix 1

Ref.	Objective	Key Questions/ Guidance	SEA Requirement
	Social		
SO1	To raise levels of employability and meet skills needs	<p>Will it improve basic skill levels?</p> <p>Will it encourage lifelong learning?</p> <p>Will it increase bi-lingual education provision?</p> <p>Will it encourage education provision for young and adult learners?</p> <p>Will it provide opportunities for education?</p> <p>Is there sufficient education capacity in the areas of high demand?</p>	<p>Human Health</p> <p>Economic</p>
SO2	To develop and support/ maintain social and physical environments that create the necessary conditions to protect, promote and support health and well being	<p>Will it reduce accident levels?</p> <p>Will it contribute to promoting good health and well being?</p> <p>Will it ensure that healthcare and social services are effective, efficient and accessible to all?</p> <p>Will it promote healthy lifestyles?</p> <p>Will it reduce isolation for vulnerable people?</p> <p>Will it reduce health inequalities among different groups in the community?</p> <p>Will it encourage an efficient and integrated transport system that promotes walking and public transport?</p> <p>Has the current and likely future mix of population been considered (i.e. balanced community service needs)?</p> <p>What impact will the development have on the health infrastructure?</p> <p>Will it encourage public spaces for play/recreation?</p> <p>Will it lead to increased risk from flooding?</p> <p>Will public access to inland waterways impact on flood defences and river activities?</p> <p>Will it help address the legacy of contaminated land in the area?</p>	<p>General</p> <p>Human Health</p> <p>Crime and Safety</p> <p>Economic</p> <p>Biodiversity, Fauna, Flora and Environment</p> <p>Air</p> <p>Water and Soil</p>
SO3	To provide a framework so our children and young people can have high aspirations and realise their dreams	<p>Will it reduce poverty and social exclusion in those areas and communities most affected?</p> <p>Will it ensure that all children and young people have the opportunity to learn and achieve?</p> <p>Will it ensure that all children and young people are protected and kept safe from harm?</p> <p>Will it ensure that all children and young people have the opportunity to be healthy and active?</p> <p>Will it ensure that all children and young people have opportunities to enjoy themselves, actively participate and express their views and feel they are valued?</p>	<p>General</p> <p>Human Health</p> <p>Crime and Safety</p> <p>Economic</p>
SO4	To promote community	Will it create a sense of belonging and	General

	viability and cohesion and access to essential services	<p>well being for all members of the community? Will it support community development? Will it ensure the protection, creation and access to green spaces? Will it improve the range and quality of cultural, sporting and leisure facilities? Will it protect and enhance the historic environment (e.g. historic landscapes, SAM's, Listed Buildings, Registered Parks and Gardens, Conservation Areas) ? Will it improve access to cultural, sporting, community and leisure facilities? Will it provide physical access to goods, services and amenities for all groups especially those excluded? Will it provide access to employment opportunities especially for those in deprived areas? Will it provide affordable housing for local people? Will it contribute to the preservation of the Welsh language?</p>	<p>Human Health</p> <p>Crime and Safety</p> <p>Economic</p> <p>Material Assets, Cultural Heritage and Landscape</p>
SO5	To reduce crime, fear of crime and anti-social behaviour	<p>Will it create communities where people feel safe and secure with low levels of crime and disorder? Will it promote design that discourages crime? Will it reduce the fear of crime? Will it encourage opportunities for social integration?</p>	<p>General</p> <p>Human Health</p> <p>Crime and Safety</p>
	Economic		
EC1	To attract and promote investment and to support business in order to create and safeguard jobs	<p>Will it improve the quality of jobs on offer? Will it lead to employment for the indigenous population or lead to the importation of labour? Will it inhibit expansion of existing businesses? Will it develop an enterprise culture and stimulate new business starts? Will it contribute to the creation of knowledge centres and a knowledge economy? Will it promote a culture of enterprise amongst young people? Will it encourage business start-ups? Will it encourage employment growth? Will it encourage higher value employment? Will it help broaden the employment base? Will it provide a sustainable use for the industrial remains of the area? Will it encourage new enterprises and high growth businesses? Will it expand the economic base? Will it encourage graduates to stay? Will it bring people currently economically inactive into the workforce?</p>	<p>General</p> <p>Human Health</p> <p>Crime and Safety</p> <p>Economic</p> <p>Material Assets, Cultural Heritage and Landscape</p>

EC2	To create and support the provision of informal and formal learning opportunities to help local people participate in all aspects of economic life	Will it support the capacity of local residents to participate within their own communities? Will it engage local people in the regeneration of their communities? Will it support learning in the workplace?	General Human Health Crime and Safety Economic
EC3	To improve the quality of life for local people by improving the quality and diversity of the built and natural environment in which they work, live and play	Will it improve access to employment, retail, residential, leisure and cultural facilities? Will it protect and enhance the historic environment (e.g. historic landscapes, SAMs, Listed Buildings, Registered Parks and Gardens, Conservation Areas) ? Will it protect the best and most valuable agricultural land? Will it lead to high quality design in the built environment? Will it lead to a high quality natural environment? Will it lead to high quality open spaces/play areas within the built environment? Will it enhance the character of the natural and built environment? Will it maintain or enhance air quality?	General Human Health Crime and Safety Economic Biodiversity, Fauna, Flora and Environment Air Water and Soil Climatic Factors Material Assets, Cultural Heritage and Landscape
EC4	To engage local people in the regeneration of their communities through the provision of appropriate support in order to overcome barriers to employment and to take advantage of economic opportunities	Will it encourage economic inclusion and availability to all members of society? Will it improve economic performance in disadvantaged areas?	General Economic
Environmental			
EN1	To ensure that the local environment supports the largest possible range of native animals and plants, and it is supported by sustainable agricultural and forestry land use	Will it protect and enhance existing designated wildlife/landscape areas? Will it protect and enhance endangered species, habitats and sites? Will it protect and enhance existing wildlife and provide opportunities for new habitat creation? Will it minimise the fragmentation of corridors and networks? Will it increase tree cover and ensure the sustainable management of woodlands? Will it protect or enhance habitats of biodiversity value as identified in the LBAP? Will it protect or enhance species of biodiversity value as identified in the LBAP? Will it maintain or enhance river biology quality?	General Human Health Biodiversity, Fauna, Flora and Environment Air Water and Soil Climatic Factors Material Assets, Cultural Heritage and Landscape

		<p>What impact will it have on the biodiversity value of derelict/industrial and brownfield land?</p> <p>Will the sewerage infrastructure feeding the River Gwenfro cope with proposed development?</p> <p>What impact will development have on diffuse pollution e.g. Clywedog and the WIE?</p> <p>What impact will it have on invasive species?</p> <p>What impact will development in former mining areas have on water quality?</p> <p>Will it lead to diffuse water pollution or nitrate pollution from agricultural practices?</p> <p>Will it lead to an increased use of SUDS?</p> <p>Will it protect the best and most valuable agricultural land?</p> <p>Will it maintain or enhance air quality?</p>	
EN2	To make careful use of resources, encourage recycling with minimal amounts of unnecessary waste and as little pollution as possible	<p>Will it promote 'Reduce, Reuse and Recycle?' Will it reduce the amount the derelict, contaminated, degraded and vacant/underused land?</p> <p>Will it encourage the development of brownfield land in preference to greenfield?</p> <p>Will it minimise the demand for raw materials?</p> <p>Will it reduce minerals extracted and imported?</p> <p>Will it promote the use of recycled and secondary materials?</p> <p>Will it safeguard non-renewable resources and promote reuse of primary resources</p> <p>Will it protect and enhance surface and groundwater quality and the environment to help reduce vulnerability to the effects of climate change, limit surface and groundwater pollution and maintain water within carrying capacity?</p> <p>Will it minimise the use of water?</p> <p>Will it minimise the adverse effects on ground and surface water quality?</p> <p>Will it minimise light pollution?</p> <p>Will it minimise noise pollution?</p> <p>Will it lead to unsustainable levels of water abstraction?</p> <p>Will it provide new waste facilities?</p> <p>Will adequate land be made available for specific types of waste facility according to the Regional needs?</p>	<p>General</p> <p>Human Health</p> <p>Biodiversity, Fauna, Flora and Environment</p> <p>Air</p> <p>Water and Soil</p> <p>Climatic Factors</p> <p>Material Assets, Cultural Heritage and Landscape</p>

EN3	Preserve and enhance landscape character, SAMS, archaeological sites, listed buildings and other culturally important features	Will it protect and enhance the historic environment (e.g. historic landscapes, SAMS, Listed Buildings, Registered Parks and Gardens, Conservation Areas) ?	Material Assets, Cultural Heritage and Landscape
EN4	To provide an efficient and integrated transport system that promotes walking, cycling and public transport	Will it encourage people to travel by foot? Will it encourage people to use public transport? Will it reduce the number of car journeys? Will it encourage cycling?	General Human Health Economic Air Climatic Factors Water and Soil Material Assets, Cultural Heritage and Landscape
EN5	To minimise energy use and increase the proportion of energy both purchased and generated from renewable and sustainable sources	Will it lead to greater energy efficiency? Will it lead to greater energy demand? Will it lead to a reduction in the demand for electricity? Will it support electricity network related development (e.g. new substations, overhead lines, and underground cabling) that could be required to service development? Will it lead to a reduction in carbon emissions? Will it lead to a reduction in greenhouse gases? Will it maximise the production and/or use of renewable energy? Will it increase energy efficiency (e.g. energy efficiency in buildings, changing transport modes, etc) Will it minimise the use of fossil fuels? Will it compromise the ability to use renewable energy resources?	General Human Health Economic Biodiversity, Fauna, Flora and Environment Air Climatic Factors Water and Soil Material Assets, Cultural Heritage and Landscape
EN6	To develop towns, villages and buildings which respect social, environmental and cultural needs and enhance local character	Will it improve the environment of town and village centres as well as other urban and rural areas? Will it use architectural design to enhance the local character and “sense of place” of development? Will it help protect or enhance buildings and landscapes of historic/cultural value? Will it maintain and enhance landscape quality? Will it protect and enhance the historic environment (e.g. historic landscapes, SAM's, Listed Buildings, Registered Parks and Gardens, Conservation Areas) ? Will it protect the best and most valuable agricultural land?	General Human Health Crime and Safety Economic Biodiversity, Fauna, Flora and Environment Water and Soil Material Assets, Cultural Heritage and Landscape

Sustainability Appraisal of Housing Growth

		Low	Medium	High
	Social			
SO1	To raise levels of employability and meet skills needs	No clear link	No clear link	No clear link
SO2	To develop and support/ maintain social and physical environments that create the necessary conditions to protect, promote and support health and well being	Places no new additional pressure on health facilities, but provides little opportunity for improved services ☹️	Increased car use could impact negatively on health and well being because of growth of congestion and greenhouse gas emissions ☹️	High growth of housing could reduce opportunities for walking, cycling and exercise, and increase car use ☹️
SO3	To provide a framework so our children and young people can have high aspirations and realise their dreams	Provides limited additional facilities or community provision as new infrastructure directly proportionate to growth ☹️	Medium growth could provide improved or additional facilities for children and young people ☺️	High growth could enable a range of additional facilities such as schools, youth club, theatres to be provided ☺️
SO4	To promote community viability and cohesion and access to essential services	May preserve community viability through not overdeveloping local settlements, but limits opportunities for affordable housing. ☹️	Could have a negative impact on local identity, and increase demand on local services ☹️	Could have a detrimental impact on local identity, and increase demand on local services ☹️
SO5	To reduce crime, fear of crime and anti-social behaviour	No clear impact on crime ☹️	Increased crime levels through increasing housing numbers and population growth ☹️	Increased crime levels through increasing housing numbers and population growth ☹️
	Economic			
EC1	To attract and promote investment and to support business in order to create and safeguard jobs	Minimal growth fails to keep up with demand for of affordable housing. ☹️	Provides a greater amount of affordable housing options to complement business investment. ☺️	Provides a significant number of affordable housing options to attract and promote business investment. ☺️
EC2	To create and support the provision of informal and formal learning opportunities to help local people participate in all aspects of economic life	No clear link	No clear link	No clear link
EC3	To improve the quality of life for local people by improving the	Minimal impact on existing built and natural environment	Opportunity to improve built environment, but medium growth could place pressure on the	Opportunity to improve built environment but high growth could place significant pressure on

	quality and diversity of the built and natural environment in which they work, live and play	☺	natural environment ☺	natural environment. ☹
EC4	To engage local people in the regeneration of their communities through the provision of appropriate support in order to overcome barriers to employment and to take advantage of economic opportunities	No clear link	No clear link	No clear link
	Environmental			
EN1	To ensure that the local environment supports the largest possible range of native animals and plants, and it is supported by sustainable agricultural and forestry land use	Low levels of development minimises impact on local biodiversity ☺	Possible negative impact on local biodiversity, but also provides market for sustainable agriculture and forestry land use ☺	High levels of housebuilding could place a detrimental impact on biodiversity and compete with agricultural land and forestry ☹
EN2	To make careful use of resources, encourage recycling with minimal amounts of unnecessary waste and as little pollution as possible	Low rate of new housebuilding to minimise use of new resources and generate pollution ☺	Medium levels of new construction will use more resources causing increased waste and pollution ☹	High levels of construction resources causing increased waste and pollution, and new opportunities to increase recycling. ☹

EN3	To preserve and enhance landscape character, SAMs, archaeological sites, listed buildings and other culturally important features.	Minimal impact on historic environment 😊	Potential to disrupt the historic environment through insensitive development 😞	High levels of housebuilding, especially on greenfield sites could negatively impact on historic environment. 😞
EN4	To provide an efficient and integrated transport system that promotes walking, cycling and public transport	Provides limited opportunities for sustainable transport options. 😊	Potential to increase car use could increase ability to sustain integrated transport 😊	Higher car use could increase ability to sustain integrated transport, but could cause congestion and increase emissions 😊
EN5	To minimise energy use and increase the proportion of energy both purchased and generated from renewable and sustainable sources	Low additional housebuilding limits potential for communities to exploit new technologies 😊	Medium housing growth could offer new potential to exploit new technology into new development 😊	Increased housing density could offer potential to exploit new technology into new development 😊
EN6	To develop towns, villages and buildings which respect social, environmental and cultural needs and enhance local character	Minimal impact on historic environment 😊	Potential to disrupt the historic environment through insensitive development 😞	High levels of housebuilding, especially on greenfield sites could negatively impact on historic environment. 😞

Key to the appraisal

Symbol	Likely effect on the SEA/SA objective
😊	The option is likely to have a positive impact
😊	No significant link, or insufficient information on which to determine impact
😞	The option is likely to have a negative impact
🟡	No clear link

Sustainability Appraisal of Employment Land Growth

		Low	Medium	High
	Social			
SO1	To raise levels of employability and meet skills needs	No clear link	No clear link	No clear link
SO2	To develop and support/ maintain social and physical environments that create the necessary conditions to protect, promote and support health and well being	Doesn't provide new employment site to promote sustainable communities and improve health and well being ☹️	Medium allocation complements local economic growth to promote health and well being across the County Borough 😊	High allocation complements local economic growth to promote health and well being across the County Borough 😊
SO3	To provide a framework so our children and young people can have high aspirations and realise their dreams	Doesn't provide a range of sites to provide future employment and training opportunities ☹️	May provide a number of new sites to enable future employment opportunities 😊	May provide a high number of sites to enable future employment opportunities 😊
SO4	To promote community viability and cohesion and access to essential services	Limited scope to provide new employment opportunities ☹️	May provide future employment opportunities to support community vitality 😊	May enable community viability through future employment opportunities 😊
SO5	To reduce crime, fear of crime and anti-social behaviour	Low increase in employment land growth not likely to have an impact on crime. 😊	May increase potential for business crime, but could increase overall personal wealth through new jobs 😊	May increase potential for business crime, but could increase overall personal wealth through new jobs 😊
	Economic			
EC1	To attract and promote investment and to support business in order to create and safeguard jobs	Low increase offers limited scope to attract new investment ☹️	Medium scope to offer a wider range of new sites and attract new high quality opportunities 😊	High scope to offer a wider range of new sites and attract new high quality opportunities 😊
EC2	To create and support the provision of informal and formal learning opportunities to help local people participate in all aspects of economic life	No clear link	No clear link	No clear link

EC3	To improve the quality of life for local people by improving the quality and diversity of the built and natural environment in which they work, live and play	Limited impact on quality of local built environment ☺	Medium impact on quality of local built environment ☺	Could lead to high impact on quality of local built environment ☺
EC4	To engage local people in the regeneration of their communities through the provision of appropriate support in order to overcome barriers to employment and to take advantage of economic opportunities	No clear link	No clear link	No clear link
	Environmental			
EN1	To ensure that the local environment supports the largest possible range of native animals and plants, and it is supported by sustainable agricultural and forestry land use	Minimise impact of new employment sites and encourage brownfield development ☺	Could mean developing greenfield sites and leading to increased car use ☹	Could mean developing greenfield sites and leading to increased car use ☹
EN2	To make careful use of resources, encourage recycling with minimal amounts of unnecessary waste and as little pollution as possible	Low number of new employment sites could minimise waste and pollution ☺	Greater range of employment sites could mean increased resource use, waste and pollution ☹	Greater range of employment sites could mean increased resource use, waste and pollution ☹

EN3	To preserve and enhance landscape character, SAMs, archaeological sites, listed buildings and other culturally important features.	Could minimise impact on landscape and encourage sensitive brownfield development 😊	Could mean developing greenfield sites and increased car use leading to congestion and greenhouse gas emissions 😞	Could mean developing greenfield sites and increased car use leading to congestion and greenhouse gas emissions 😞
EN4	To provide an efficient and integrated transport system that promotes walking, cycling and public transport	No new employment sites means limited opportunity to build up integrated transport system 😊	Medium growth in employment sites needing access could mean opportunity to improve integrated transport system but may also increase levels of car use. 😊	Increased number of sites needing access could mean opportunity to improve integrated transport system but could also result in detrimental levels of car use. 😞
EN5	To minimise energy use and increase the proportion of energy both purchased and generated from renewable and sustainable sources	Limited scope to attract high value added investment needed to increase energy from renewable sources 😊	Medium levels of new business investment may increase take up of renewable energy and microgeneration. 😊	Significant business growth could act as a catalyst to increase use of renewable energy and microgeneration 😊
EN6	To develop towns, villages and buildings which respect social, environmental and cultural needs and enhance local character	Current levels of development minimise impact and encourage development on brownfield sites 😊	UDP policy figure could result in a reasonable loss in greenfield sites and increasing car use 😞	1980s rate of employment land growth could mean potential to develop greenfield sites and increase car use 😞

Key to the appraisal

Symbol	Likely effect on the SEA/SA objective
😊	The option is likely to have a positive impact
😊	No significant link, or insufficient information on which to determine impact
😞	The option is likely to have a negative impact
🟡	No clear link

Sustainability Appraisal of Spatial Options

		Option A: Wrexham Focused	Option B: Dispersal	Option C: Regeneration	Option D: Rail Transport	Option E: Employment Centres
	Social					
SO1	To raise levels of employability and meet skills needs	<p>May encourage additional economic migrants and commuters bringing opportunities without raising skill needs amongst economically inactive</p> <p>Could retain professionals/graduates if Wrexham by capitalising on economic growth of sub region. ☹️</p>	<p>Strengthen training opportunities for the indigenous population. However, doesn't build up Wrexham as a regional centre to encourage professionals/graduates ☹️</p>	<p>Strengthen skills training opportunities for the indigenous population and aid professional/graduate retention 😊</p>	<p>May encourage additional economic migrants and commuters bringing opportunities without raising skill needs amongst economically inactive, and may lose sense of identity.</p> <p>Could retain professionals/graduates if Wrexham by capitalising on economic growth of sub region. ☹️</p>	<p>Could provide new community facilities to raise skills levels locally.</p> <p>Could retain professionals/graduates if Wrexham by capitalising on economic growth of sub region 😊</p>
SO2	To develop and support/ maintain social and physical environments that create the necessary conditions to protect, promote and support health and well being	<p>Health Impact Assessment recommended</p> <p>Developing in Wrexham could increase the opportunities to deliver specialised healthcare ☹️</p>	<p>HIA recommended</p> <p>Could encourage an active, healthier lifestyle through opportunities for walking, cycling and exercise. ☹️</p>	<p>HIA recommended</p> <p>Could encourage an active, healthier lifestyle through opportunities for walking, cycling and exercise. ☹️</p>	<p>HIA recommended</p> <p>Could encourage an active, healthier lifestyle through opportunities for walking, cycling and exercise. ☹️</p>	<p>HIA recommended</p> <p>Could encourage an active, healthier lifestyle through opportunities for walking, cycling and exercise. ☹️</p>
SO3	To provide a framework so our children and young people can have high aspirations and realise their dreams	<p>Opportunities to improve facilities for learning and achievement. Focus on Wrexham will not reduce poverty and social exclusion in deprived areas. ☹️</p>	<p>Improved community facilities across County Borough will provide greater opportunities for children and young people. 😊</p>	<p>Could place local services and facilities in regeneration areas under pressure. ☹️</p>	<p>Development would not benefit the majority of deprived communities or rural areas. ☹️</p>	<p>Opportunity to provide new community facilities, especially where services currently under pressure. 😊</p>
SO4	To promote community viability and cohesion and access to	<p>Could lead to an increase in commuting, force house</p>	<p>Positive impact on selected communities by</p>	<p>Concentrates development in locations most in need of</p>	<p>Development would not benefit the majority of</p>	<p>Dispersed pattern of development, close to key</p>

	essential services	prices up and fail to meet local needs. No development in rural areas will not support use of Welsh language. ☹️	meeting local housing needs, supporting community facilities, local shops and the use of Welsh language, outweighs any increase in commuting. 😊	physical and social regeneration, providing local affordable housing and opportunities for use of Welsh language 😊	deprived communities or rural areas and unlikely to contribute to the use of the Welsh language ☹️	employment centres. No real impact on the use of Welsh language ☹️
SO5	To reduce crime, fear of crime and anti-social behaviour	May increase crime in Wrexham as population grows plus increase perception of crime in outlying areas. ☹️	New community facilities could help to reduce anti-social behaviour 😊	Unsuitable edge of settlement sites or town cramming could impact on the character of settlements, increasing crime. ☹️	Development would not benefit the majority of deprived communities or rural areas ☹️	New community facilities could help to reduce anti-social behaviour 😊
	Economic					
EC1	To attract and promote investment and to support business in order to create and safeguard jobs	Maximise quality and number of new employment opportunities, bringing economically inactive people back into the workforce with support and training. 😊	Broaden economic base of County Borough but may prove difficult to attract new investment because of lack of infrastructure. Could also lead to increased car use for work, shopping and leisure. ☹️	New job opportunities in regeneration areas but may prove difficult to attract high value added businesses to locate in regeneration areas. ☹️	Could mean County Borough becomes a commuting area, and so doesn't attract new investment. Need to drive to employment sites. ☹️	Development would address the oversupply of traditional industrial estates but no certainty that these areas will attract new investment ☹️
EC2	To create and support the provision of informal and formal learning opportunities to help local people participate in all aspects of economic life	Good provision of HE/FE/schools and encourage young professionals/graduates to stay through high added value developments. However, minimal investment outside Wrexham may prove socially divisive, and could result in decay of infrastructure and drift towards centre. ☹️	Doesn't support Wrexham as a regional centre for learning to benefit local people who need further education and to encourage graduates/professionals to stay. ☹️	Services closest to some of the highest concentrations of social exclusion would be enhanced and could aid graduate/professional retention. 😊	Commuting corridors from outside of the County Borough would build few opportunities to develop new learning provision. ☹️	New community facilities in locations where they currently don't exist could expand learning opportunities and complement Wrexham town provision. 😊
EC3	To improve the quality of life for local people by improving the	Pressure on green barriers and individual identity of	Reduced need for greenfield sites.	Concentrated development in regeneration areas could	Services and community facilities become less	Services and community facilities become less

	quality and diversity of the built and natural environment in which they work, live and play	settlements could change significantly. Maintained investment in outlying areas and improvements in public transport needed to maintain community viability – otherwise could lead to unsustainable growth in car use. ☹	Maintained investment in outlying areas and improvements in public transport needed to maintain community viability – otherwise could lead to unsustainable growth in car use. ☹	exacerbate greenhouse gas emissions, whilst services and community facilities become less viable in rural areas ☹	viable in rural areas or areas needing regeneration and employment growth which could lead to unsustainable growth in car use, and deterioration of local quality of life. ☹	viable in rural areas or areas needing regeneration which could lead to unsustainable growth in car use, and deterioration of local quality of life. ☹
EC4	To engage local people in the regeneration of their communities through the provision of appropriate support in order to overcome barriers to employment and to take advantage of economic opportunities	Minimal investment outside Wrexham may prove socially divisive, and could result in decay of infrastructure in local communities. ☹	Dispersal and smaller size of development reduces the ability to attract investment in local communities to support regeneration. ☹	Could be an opportunity to pump prime new investment in deprived areas, enabling communities to grow stronger and increase their employment and economic opportunities. ☺	Capitalise on economic growth of subregion to retain/attract economically active people. ☺	Complement development of Wrexham as a regional centre, encouraging balanced economic growth in the County Borough. ☺
	Environmental					
EN1	To ensure that the local environment supports the largest possible range of native animals and plants, and it is supported by sustainable agricultural and forestry land use	Pressure on green barriers, meaning the loss of good quality landscape and agricultural land or an intensification of existing land uses in Wrexham with possible negative consequences for biodiversity, and increased flooding issues. ☹	Reduced need for greenfield sites could enable smaller, sensitive sustainable construction ☹	Extensive use of brownfield sites and little development in rural areas would help conserve sites of environmental value ☺	Minimise fragmentation of green corridors and little development in rural areas would help conserve sites of environmental value ☺	Could mean the use of greenfield sites and the loss of open countryside. ☹
EN2	To make careful use of resources, encourage recycling with minimal amounts of unnecessary waste and as little pollution as possible	Good opportunities to promote efficient use of kerbside recycling, but only limited opportunity to redevelop brownfield sites, meaning new construction materials imported. ☹	Some reuse of construction materials and reduce the distance of travel for raw materials. Increased car use leading to greater greenhouse gas emissions. ☹	Good opportunities for reuse of materials and to minimise waste. Increased car use leading to greater greenhouse gas emissions. ☹	Concentrating resources in established centres could lead to some opportunities for reuse of construction materials and to minimise waste. Increased car use leading to greater greenhouse gas emissions. ☹	The use of greenfield sites and the loss of open countryside might lead to an increase in use of new resources. Increased car use leading to greater greenhouse gas emissions. ☹

EN3	To preserve and enhance landscape character, SAMs, archaeological sites, listed buildings and other culturally important features.	May preserve and enhance historic landscape, although development place pressure on conservation area. ☺	Dispersed development could enable communities to be closer to historic environment of the County Borough. ☺	Possible contamination issues for local communities ☹	Increased travel to areas of historic environment need to be sensitively managed ☹	Dispersed development could enable communities to be closer to historic environment of the County Borough. ☺
EN4	To provide an efficient and integrated transport system that promotes walking, cycling and public transport	Wrexham is accessible, but public transport needs to be improved, integrated and extended (evenings and Sundays), especially to allow access to health and learning facilities. ☺	Could increase car use for work, shopping and leisure because dispersed settlements often are not well served by public transport. ☹	New services and job opportunities could reduce car use (although increased prosperity may increase it). Low development in rural areas needs an improved system of public transport to tackle social exclusion ☹	Small scale of development in other areas needs an improved system of public transport to tackle social exclusion, and existing rail network might have difficulties meeting increased demand. ☹	Could increase car use as people travel to employment, schools, shops and leisure. Need to improve public transport to tackle social exclusion. ☹
EN5	To minimise energy use and increase the proportion of energy both purchased and generated from renewable and sustainable sources	Potential for increasing use of renewables and develop an efficient energy distribution system. ☺	Opportunity to develop community owned generating schemes, and to extend energy efficiency through Warm Wales. ☺	Opportunity to develop community owned generating schemes, and to extend energy efficiency through Warm Wales. However, low market demand may make private investment difficult. ☹	Opportunity to develop community owned generating schemes, and to extend energy efficiency through Warm Wales ☺	Opportunity to develop community owned generating schemes, and to extend energy efficiency through Warm Wales ☺
EN6	To develop towns, villages and buildings which respect social, environmental and cultural needs and enhance local character	Pressure on green barriers could alter character of settlements around Wrexham. Opportunity to improve cultural and leisure facilities (Racecourse, theatre etc) Local community viability of outlying areas need support. ☹	Increased use of car could affect community identity if local services aren't supported. ☹	Focus on regeneration areas means services and community identity becomes less sustainable in rural areas. ☹	Could negatively impact on settlement character in development areas and result in unsustainable community identity in rural areas. ☹	Increased use of car could affect community identity if local services aren't supported ☹

Key to the appraisal

Symbol	Likely effect on the SEA/SA objective
☺	The option is likely to have a positive impact
☹	No significant link, or insufficient information on which to determine impact
☹	The option is likely to have a negative impact
☺	No clear link