

Appendix 4 – Predicting and evaluating the impacts of the whole SPD

SA Objective and Appraisal Questions	Assessment of Effect (-2,-1,0,1,2,?)	Explanation of Assessment	Indicators	Target
01 To support, maintain or enhance the provision of high quality, local or easily accessible employment opportunities, suited to the changing needs of the local workforce				
1.1 Will it maintain or increase current employment rates in knowledge and technology intensive sectors?	+1	Contributions may support new employment opportunities.	Number employed in knowledge and technology intensive industries	Increase the number of people employed in knowledge and technology intensive industries from 9339 to 10,286 by 2007/8
1.2 Will it provide employment land near to the workforce or provide opportunities easily accessible by public transport?	+1	Possible impact in Edgar Street Grid.	Employment land developed by type	
1.3 Will it encourage fair and decent work conditions and increase average salaries?	0		Average level of earnings compared to the West Midlands region	Close the gap between Herefordshire and the rest of the West Midlands and nationally
1.4 Will it help to increase diversity of job opportunities?	+1	Contributions would support the development of new employment.	Employment by sector	
02 Secure a more adaptable and higher skilled workforce				
2.1 Will it provide or facilitate appropriate training and learning to help build, attract and retain a highly skilled workforce that meets existing and future needs?	+1	New training programmes could be provided	Number of 16-19 year olds in education or training	
2.2 Will it reduce inequalities in skills across the county?	0	New training provision.	Percentage of adults without basic numeracy/literacy skills	By 2010 reduce the proportion of adults with low basic skills from 17% to 10%
03 Maintain or enhance conditions that enable sustainable economic growth and investment without environmental damage NB "Environmental Damage" is considered under the "Safer and stronger communities " theme				
3.1 Will it improve the resilience and/or diversity of business and the economy?	0	More business initiatives introduced.	GVA per head	To raise GVA per head above the national average (RSS)
3.2 Will it provide or facilitate availability of appropriate sites and properties for new business opportunities?	+1	Provide employment sites and new business opportunities on the Edgar Street Grid for example.	Amount/area of allocated employment land available for development	
3.3 Will it support social enterprise or the voluntary sector?	0			

Key: - 2 = major negative, -1 = minor negative, 0 =neutral, 1 = minor positive, 2 = major positive, ? = unknown

04 Reduce road traffic and congestion, pollution and accidents and improve sustainable transport choices				
4.1 Will it maintain or provide facilities, services, housing and employment in locations that reduce the need to travel, especially by the private car, or are accessible by sustainable transport modes?	+1	Improved pedestrian/cycle links. Improved public transport / transport infrastructure	Mode of travel to work	
4.2 Will it promote more sustainable transport patterns in areas suffering from congestion?	+1	Improved road network, transport technologies especially around new developments, e.g Edgar Street Grid.	Change in annual average daily traffic volumes in Hereford and on the principle road network	Restrict annual growth to 1%
4.3 Will it improve the quality and/or provision of integrated transport options in areas of need and that are accessible for the disabled?	+1	Improvement to disabled access and routes to be used by disabled. Improve cycle routes and pedestrianisation.	Public transport patronage volumes	Increase by 16% the no. of passenger bus journeys per year
4.4 Will it make it more attractive for pedestrians and cyclists?	+1	Better provision of footpaths and cycleways.	Percentage of resident population that travels to work by public transport, on foot or on cycle	Increase by 18% by 2010/11 (LTP2)
4.5 Will it secure the implementation of green travel plans?	+1	Contributions will be made to go towards green travel plans.	Travel Plan coverage	
4.6 Will it minimise risks associated with car travel?	+1	Improvements to road network and junction should improve safety.	No. of people killed or seriously injured on Herefordshire's roads	Reduce by 30% (from 154/yr to 108/yr by 2010)
05 Improve the health of the people of Herefordshire, reduce disparities in health				
5.1 Will it help to ensure there is adequate provision of healthcare services appropriate to local needs, which are accessible by sustainable modes of transport?	+1	Contribution towards health centres and improved sustainable transport infrastructures. Need to establish formulae.	Percentage of households in rural towns, villages and dispersed areas from key services	
5.2 Will it help to reduce inequalities in health?	+1	Health centres provided in deficient areas.	Life expectancy in males and females	
5.3 Will it encourage healthy lifestyles? E.g. reducing car use and maintaining or enhancing access to physical sports, green space, and recreation?	+2	Provision of open space facilities and sustainable transport infrastructure.	Measures of healthy lifestyles, e.g. physical activity, smoking rates, etc	Reduce smoking rate in 11-15yr olds by 50% from 1998 by 2010
06 Improve access to and engagement in quality cultural, educational, leisure, recreational and community activities for all				
6.1 Will it maintain or increase the type or quality of facilities in areas where there is need, which are accessible by sustainable modes of transport?	+2	Open space facilities, community, education and leisure.		

6.2 Will it promote Herefordshire's facilities to local people and tourists encouraging participation by all?	0		Percentage of residents using authority's cultural and leisure facilities	
6.3 Will it promote the use of inland waterways for leisure, recreation, telecommunication, freight transport and/or as a catalyst for urban and rural regeneration?	+1	Edgar Street Grid.	Number of regeneration projects	
07 Enhance the function and vibrancy of town centres				
7.1 Will it support viability or develop services and facilities appropriate to the community, function, character and scale of the centre and existing facilities?	+1	Edgar Street Grid.	Commercial yields	
7.2 Will it help create an appropriate range of independent, competitive and national retailers?	0			
7.3 Will it help reduce the number of vacant properties and support vitality?	0		Vacancy rate of Hereford and the Market Town premises	
7.4 Will it support or create high quality public realm and community/amenity space that is safe and encourages positive community interaction?	+2	Improvements to landscaping, public space, crime prevention etc.	Planning Obligations received towards improvements to town centres e.g. CCTV	
08 Raise educational achievement levels across the County				
8.1 Will it ensure that education infrastructure meets projected future demand and need?	+2	Contributions towards school places	Percentage of pupils achieving 5+ GCSE's or equivalent at grades A* - C	Increase from 93% to 95% by 2008
09 Reduce and prevent crime/fear of crime and antisocial behaviour in the County				
9.1 Will it enhance safety, security and reduce crime or fear of crime through design or other measures?	+2	Increase in crime prevention through use of CCTV's. Designing out crime.	Violent crimes per 1000 population	Decrease from 2844 to 2533
9.2 Will it help improve quality of life and address the causes of crime or anti-social behaviour?	+1	Increase in crime prevention through use of CCTV's. Designing out crime.	Number of planning applications addressing "designing Out Crime" issues	
9.3 Will it encourage respect for people and property?	0		Percentage of people satisfied with their community as a place to live	Increase proportion of adults satisfied with their community as a place to live

10 Provide everyone with the opportunity to live in decent, affordable housing				
10.1 Will it increase access to good quality housing meeting people's needs? E.g. tenure, aspirations, location, affordability, size and type, accessible to disabled people?	+1	Direct impact in terms of policy already exists, but promoted in SPD	Average property price against median weekly earnings	
10.2 Will it increase the supply of affordable housing?	+1	Policy already exists but promoted in SPD.	Number of affordable housing provided in the County each year as a percentage of all new completions	2300 to be provided up to 2011 (UDP)
10.3 Will it reduce the percentage of unfit homes?	0		Number of unfit and borderline unfit homes	
10.4 Will it improve the energy efficiency of homes and reduce fuel poverty?	+1	Positively promoted in SPD.	Energy efficiency for Decent Homes	Raise to current Building Regulations
10.5 Will it promote the renovation and re-use of existing stock (reduce the number of empty homes?)	0		Empty homes brought back into use	
11 Reduce the amount of waste requiring disposal and minimise the use of non-reusable materials and encourage recycling				
11.1 Will it minimise the use of non re-usable materials?	+1	Waste and Recycling section		
11.2 Will it minimise waste from households, businesses etc including hazardous waste?	+2	Provides adequate facilities for storage and collection of waste/recycling at each dwelling and sink waste disposal units.	Amount of household waste collected per person per annum	Limit increase p.a. to 530.87kg per head
11.3 Will it promote re-use, recovery and recycling of waste?	+2	Actively encourages the recycling of waste.	Amount/percentage of all household waste that is recycled	
11.4 Will it deal with waste locally and/or through the best Practical Environmental Option?	0	Not covered in the SPD.	Number and location of recycling sites	
12 Conserve and enhance Herefordshire's habitats and biodiversity				
12.1 Will it protect or enhance habitats of international, national, regional or local importance – is an Appropriate Assessment required?	0	AA not required	No., area and condition of international, national, regional and locally designated sites	To halt the loss of biodiversity by 2010
12.2 Will it protect international, national, regional or locally important terrestrial or aquatic species	0	Covered by UDP policies.	Changes in area and population of protected species	By 2010 achieve a sustained increase in the regional wild bird population

12.3 Will it maintain wildlife corridors and minimise fragmentation of ecological areas and green spaces?	0	Covered by UDP policies.	No net change in length of hedgerows	
12.4 Will it manage sites in a way that protects or enhances their nature conservation value?	+1	Through contributions towards enhancements.	Percentage of Biodiversity Action Plan habitats restored and created	
12.5 Will it create new appropriate habitats?	+1	Promoted in SPD	No. of Planning Obligations entered into securing new wildlife areas	
13 Use natural resources and energy more efficiently				
13.1 Will it maximise energy efficiency and minimise the consumption of non-renewable energy i.e. from fossil fuels?	0	Will form basis of separate guidance in emerging LDF.	Energy consumption per capita	30% reduction in energy consumption by 2011
13.2 Will it minimise the consumption of water, land, soil, minerals, aggregates and other raw materials by all? E.g. through integrated transport, sustainable design, local supply chains. <i>(During the appraisal, each of these resources should be considered separately)</i>	Water 0 Land +1 Soil 0 Minerals etc 0	Land – covered under transport.	Percentage of homes built on previously developed land	68% of new dwellings to be built on previously developed land (RSS 2004)
13.3 Will it encourage the re-use/enhancement of existing buildings and minimise the need for new build?	0	Not covered in the SPD.	No. of empty homes brought back into use	
14 Maintain and enhance the landscape quality of Herefordshire, including its rural areas and urban open spaces				
14.1 Will it value, enhance and protect natural environmental assets? E.g. AONBs, parks and open spaces	0		Number and area of designated landscapes	
14.2 Will it ensure that environmental impacts caused by mineral operations and the transport of minerals are minimised?	0		No. of applications for mineral operations requiring EIA	
14.3 Will it promote the use of rural areas and open space by all, encourage easy non-car based access and accommodate the needs of disabled users?	0		Percentage of Public rights of Way network that is easy to use and clearly signed	
15 Reduce Herefordshire's vulnerability to the impacts of climate change as well as its contribution to the problem				
15.1 Will it reduce the county's contribution to climate change by reducing greenhouse gas emissions?	+1	Sustainable transport contributions	Co2 emissions per head per year	Reduce carbon emissions per head from baseline of 14.5 tonnes to 11.25 tonnes per head

15.2 Will it prevent inappropriate development of the floodplain and include flood protection systems?	+1	Off site infrastructure works will be required.	No. of planning permissions granted contrary to the advice of the Environment Agency on flood defence grounds	
15.3 Will it promote sustainable urban drainage systems where appropriate?	+1	The disposal of surface water will be a material consideration.	No. of additional developments granted planning permissions with SUDs incorporated	
15.4 Will it increase the proportion of energy generated from renewable and low carbon sources including by micro-generation, Combined Heat and Power (CHP), district heating and in transportation?	0	Not directly covered in SPD	Renewable electricity and CHP generated as percentage of total electricity	Renewables should supply 10% of electricity by 2020
16 Minimise local and global pollution and protect or enhance environmental quality				
16.1 Will it minimise water, air, soil, groundwater, noise and light pollution from current activities and the potential for such pollution?	+1	Contaminated land and flooding.	Annual levels of particles and ozone tranquillity (CPRE)	
16.2 Will it protect and enhance the quality of watercourses?	+1	Through sustainable urban drainage and improvements to contaminated land.	Water Quality	All inland waters to reach good ecological and chemical status by 2015
16.3 Will it reduce contaminated land?	+1	Direct benefits.	No. of known sites affected by contamination	
16.4 Will it help achieve the objectives of Air Quality Management Plans?	+1	Through direct mitigation measures sustainable transport options.	No./percentage population living within Air Quality Management Areas	
16.5 Will it encourage the use of clean technologies?	0		No. of businesses with Environmental Statement ISO 14001/EMAS accreditation	
17 Ensure integrated, efficient and balanced land use				
17.1 Will it ensure new developments are in appropriate locations and are accessible by walking, cycling or sustainable transport and/or will increase the share of these transport modes?	+2	Improvements to public transport, road networks, cycle paths and footpaths.	Access to key services	

17.2 Will it encourage an appropriate density and mix of uses?	0		Percentage of new dwellings completed at: less than 30 dwelling per hectare, Between 30 and 50 dwellings per hectare and over 50 dwellings per hectare	30-70 dwellings per hectare (PPG3, 2000)
17.3 Will it promote ways of meeting local needs locally?	+1	Contributions to community facilities within development areas.		
18 Protect and enhance the built quality of settlements and neighbourhoods and the historic heritage of the county				
18.1 Will it protect and enhance Conservation Areas, Listed Buildings, archaeological features and other sites and areas of historical heritage and cultural value?	+1	Mainly covered under UDP, but restoration works to listed buildings maybe affected, and the undertaking of archaeological work and recording of remains.	No. of conservation areas	
18.2 Will it prevent development which is inappropriate in scale, form or design to its setting or to its function or local area?	0		No. of applications refused for scale, form or design reasons	
18.3 Will it encourage cleanliness and/or improve the general appearance of the area?	0		Public satisfaction surveys	
19 Reduce poverty and promote equality and social inclusion				
19.1 Will it ensure easy and equitable access to and provision of services and opportunities, including jobs and learning, and avoid negative impacts on different groups of people because of their ethnicity, gender, religion, disability, sexuality or age?	+1	Possible employment and skills contributions.	Percentage of Herefordshire households in rural towns, villages and dispersed areas from key services	
19.2 Will it enable the involvement of all affected parties, including hard to reach groups?	+1	Through consultation.	No. of applications involving Statements of Community Involvement	
19.3 Will it retain or provide services and facilities that are appropriate to the needs of different groups/communities?	+1	Community Services contributions.	Percentage of Herefordshire households in rural towns, villages and dispersed areas from key services	
19.4 Will it enable access for all?	+1	Pedestrian Rights of Way provision.	No. of applications involving Access Statements	
19.5 Will it address poverty and disadvantage, taking into account the particular difficulties of those facing multiple disadvantages?	0		Percentage of population who live in areas that rank within the most deprived 20% of most deprived areas in the county	