

Appendix A

SAD & AAP – Review of SA and SEA Topics (July 2015):

Relationship of SA Objectives to SEA Topics following Review of Plans and Programmes and Evidence Base

SA Topics	Issues Covered	Relevant SEA Topics	Relationship to SEA Topics – Update @ July 2015
1: Air Quality	Impacts on air quality , such as impacts from emission of pollutants into the atmosphere generally, impacts on areas where limit values for pollutants identified in European and UK legislation are already being breached.	Air Climatic Factors Human Health Material Assets	It is clear from review of Plans and Programmes and Evidence that there are inter-relationships between air pollution and transport networks, and therefore that material assets should be identified as a Relevant SEA Topic.
2: Biodiversity and Geodiversity	Impacts on biodiversity and geodiversity , such as impacts on designated sites, impacts on other important wildlife habitats (e.g. BAP habitats) and protected species, impacts on linkages between sites, such as wildlife corridors, and sites at risk.	Air Biodiversity Flora Fauna Landscape Water	It is clear from review of Plans and Programmes and Evidence that air pollution and water quality and supply can have impacts on biodiversity and ecological networks, and therefore that air and water should also be identified as Relevant SEA Topics.
3: Climate Change	Impacts on climate change mitigation and adaptation , such as impacts on causes (e.g. greenhouse gas emissions), and impacts on adaptation to unavoidable effects (e.g. vulnerability of key infrastructure to effects, implementation of measures to mitigate effects and improve resilience).	Air Climatic Factors Material Assets Water	No change required to Relevant SEA Topics.
4: Communities and Population	Impacts on development of sustainable and inclusive communities , such as impacts on quality and amenity of residential areas, impacts on meeting housing needs, impacts on ability of communities to access the services and facilities they need, impacts on social deprivation.	Human Health Material Assets Population	It is clear from review of Plans and Programmes and Evidence that there are inter-relationships between health and the well-being of local communities, and therefore that human health should also be identified as a Relevant SEA Topic.
5: Cultural Heritage	Impacts on the historic environment , such as impacts on heritage assets, including historic buildings and structures, conservation areas, registered parks and gardens, historic landscapes and archaeological remains, impacts on sites at risk.	Cultural Heritage, including architectural and archaeological heritage Landscape	No change required to Relevant SEA Topics.
6: Economy and Centres	Impacts on economic sustainability , such as impacts on infrastructure needed to support and sustain economic growth, impacts on existing businesses, jobs and employment land, impacts on investment, impacts on access to jobs and training.	Material Assets Population	No change required to Relevant SEA Topics.
7: Equality and Diversity	Impacts on equality and diversity , such as potential for unlawful discrimination (direct or indirect), disproportionate impacts on people with “protected characteristics” (= age, disability, gender reassignment, marriage and civil partnership, pregnancy and maternity, race, religion or faith, sex, sexual orientation), impacts on integration and community cohesion.	Human Health Material Assets Population	It is clear from review of Plans and Programmes and Evidence that there are inter-relationships between health and equality, and therefore that human health should also be identified as a Relevant SEA Topic.

SA Topics	Issues Covered	Relevant SEA Topics	Relationship to SEA Topics – Update @ July 2015
8: Health and Wellbeing	Impacts on physical and mental health and well-being , such as impacts on the quality of the environment, impacts from specific hazards, impacts on encouraging participation in health activities such as walking, cycling, sport and recreation, access to health and social care facilities.	Air Human Health Landscape Material Assets Population Soil Water	It is clear from review of Plans and Programmes and Evidence that air and water pollution and ground contamination/ mining risks, and lack of access to health care, recreational facilities, open spaces and active transport networks could impact on health and well-being. Therefore air, landscape, material assets, soil and water should also be identified as Relevant SEA Topics.
9: Landscape and Townscape	Impacts on landscape and townscape , such as impacts on areas of local landscape and townscape value (e.g. Green Belt, conservation areas), impacts on visual amenity, local character and sense of place.	Cultural Heritage, including architectural and archaeological heritage, Fauna Flora Landscape Material Assets Soil Water	It is clear from review of Plans and Programmes and Evidence that there are inter-relationships between landscape, cultural heritage and the natural environment including soil, geology and land, and therefore that cultural heritage, flora and fauna, material assets, soil and water should also be identified as Relevant SEA Topics.
10: Material Resources	Impacts on material resources , particularly waste and minerals, such as impacts on safeguarding potentially valuable mineral resources, impacts on maintaining supplies of minerals to meet current and future needs, impacts on waste avoidance and sustainable waste management.	Climatic Factors Human Health Material Assets Soil Water	It is clear from review of Plans and Programmes and Evidence that there are inter-relationships between climate change, human health and mineral and waste development, and between soils, hydrology and mineral resources, and therefore that climatic factors, human health, soil and water should also be identified as Relevant SEA Topics.
11: Renewable and Low Carbon Energy	Impacts on energy consumption and production , such as impacts on energy generating infrastructure, impacts on reducing reliance on non-renewable, carbon based energy sources, impacts on rising energy costs, security of supply and fuel poverty.	Climatic Factors Material Assets Population	It is clear from review of Plans and Programmes and Evidence that there are inter-relationships between renewable energy and local communities with the objective of reducing fuel poverty and improving security of supply, and therefore that population should also be identified as a Relevant SA Topic.
12: Soil and Ground Conditions	Impacts on the quality and condition of land and soils , such as impacts on the best and most versatile agricultural land and other land not affected by dereliction, impacts on addressing “legacy” issues arising from contamination and instability.	Human Health Landscape Material Assets Soil Water	It is clear from review of Plans and Programmes and Evidence that surface and groundwater quality may impact on soil quality, that soil type and quality may affect landscape character, and that ground contamination/ mining risks could be harmful to health, and therefore that human health, landscape and water should also be identified as Relevant SEA Topics.
13: Transport and Accessibility	Impacts on transport and accessibility , such as impacts on transport infrastructure, impacts on reducing the effects of transport on the environment and health (e.g. from emission of pollutants, noise), impacts on encouraging smarter transport choices and improving accessibility to key jobs and services.	Air Climatic Factors Human Health Material Assets Population	It is clear from review of Plans and Programmes and Evidence that there are inter-relationships between climate change adaptation and transport infrastructure, and therefore that climatic factors should also be identified as a Relevant SEA Topic.
14: Water Environment	Impacts on water resources, quality and management , such as impacts on water consumption, water supplies and water management infrastructure, impacts on water quality (e.g. from pollution), impacts on management of flood risk and surface water management.	Climatic Factors Human Health Material Assets Soil Water	It is clear from review of Plans and Programmes and Evidence that there are inter-relationships between climate change adaptation and flood risk, and climate change and water treatment and supply infrastructure, and potential impacts/ risks to health and well-being and to soils from water pollution and flood risk, and therefore that climatic factors, human health and soil should also be identified as Relevant SEA Topics.