

A monitoring framework/ Plan for an example SEA - Soil

Example SEA: Local Plan

SEA sub-objective	Positive/negative effect	Mitigation/enhancement measure	Monitoring indicator (monitoring frequency)	Target	Responsibility for Monitoring	Trigger Action
To reduce soil sealing/ loss	Increased levels of land take and conversion to hard end uses (soil sealing) of previously greenfield land	<p>Incorporate a planning policy that reduces the availability of Greenfield sites for hard end uses.</p> <p>Promote areas of (permeable) open space within development sites.</p>	<p>Area of land sealed (hectares per year within Plan area)</p> <p>Area of greenfield land (hectares per year within Plan area)</p> <p>Area of brownfield land (hectares per year within Plan area)</p>	<p><X% net loss of Greenfield sites within the local Plan area (hectares within Plan area)</p>	Local Authority planning department	<p>Monitoring demonstrates successive increases in soil sealing within the Plan area during a specified monitoring period (e.g. 1 year).</p> <p>Contingency actions:</p> <ul style="list-style-type: none"> • Audit planning application decisions for developments featuring soil sealing for compliance with planning policy on areas of open space. • Consider an amendment to planning policy that reduces the availability of Greenfield sites for hard end uses. • Consider an amendment to planning policy on open space requirements for developments.
To reduce soil erosion	Creation of woodland in farms leading to a reduction in soil erosion rates.	Locate woodland in areas most susceptible to soil erosion (e.g. steeper slopes) and/ or in proximity of sensitive receptors (e.g. riparian zone).	<p>Area of new (sustainable) woodland in farms (e.g. hectares within Plan area).</p> <p>Rate of soil erosion in rural areas (e.g. tonnes per year).</p>	<p>Increase surface area of (sustainable) woodland in farms by 10% in 5 years.</p> <p>Reduce rate of soil erosion in rural areas by 5% within 5 years.</p>	<p>Local Authority planning department.</p> <p>Environmental regulatory bodies e.g. NIEA, SEPA etc.</p>	<p>Monitoring demonstrates increase in soil erosion in rural areas within the Plan area during a specified monitoring period (e.g. 5 year).</p> <p>Contingency actions:</p> <ul style="list-style-type: none"> • Consider an amendment to planning policy on creation of woodland areas on farmland. • Consider enforcing good management practices for the creation of woodland areas on farmland.

Note: This table provides a framework to illustrate how this guidance could be used.