

POLICY NRG 1***Climate Change and Sustainability***

The reduction of greenhouse gas emissions through a wide range of measures designed to mitigate and adapt to climate change is a strategic over-arching set of principles which will be promoted by having the statutory requirements of The Climate Change (Scotland) Act 2009 enforced in relation to:

- assisting in achieving the Scottish Government's renewable energy targets set out in the Act;
- assisting in achieving the Scottish Government's Climate Change Adaptation Programme (May 2014) to address identified impacts and build resilience for a climate ready natural environment, society, buildings and infrastructure networks;
- protecting and enhancing land uses that act as 'carbon sinks' (for example extending woodland cover and protecting valued peat lands);
- protecting the amenity of new and existing development including environmental quality;
- assisting the move to zero waste; and
- influencing reduction in environmental impacts of production and consumption, particularly energy efficiency and waste reduction.

Sustainable land use will be promoted through:

- assisting in achieving compliance with the long-term objectives of the Scottish Government's Land Use Strategy (2011): delivery of multiple benefits from land based businesses; responsible stewardship of natural resources and partnerships with nature; and better linkages of communities to the land;
- integrating land use with sustainable transport approaches through safeguarding and enhancing the network of sustainable forms of transport: walking and cycling, public transport, rail, park and ride and water-borne traffic;
- directing new developments to locations accessible by a choice of modes of transport and which specifically encourage walking, cycling, and public transport in preference to the private car; and
- encouraging more sustainable forms of transport and active travel.

Sustainable design and development will be promoted through:

- building in harmony with the site including optimising orientation and relationships to land contours, improvements to micro-climate, and utilising natural features;
- addressing sustainable energy approaches;
- facilitating designs for passive heating and cooling including natural ventilation and supportive landscape schemes;
- fostering and maintaining the site's biodiversity and maintaining and enhancing connections with local habitat networks;
- facilitating accessibility and adaptability;
- treating and conserving water on site in line with best practice and guidance on sustainable drainage;
- recycling of construction materials and minimising the use of non-renewable resources; and
- providing for waste minimisation and recycling incorporating high speed broadband connections and other digital technologies.

The council will expect development proposals to have regard to the above principles, and further detailed policy throughout the Local Development Plan for reducing climate change and increasing sustainability.

POLICY NRG 1a***Low and Zero Carbon Generating Technology***

Proposals for all new buildings will be required to demonstrate that at least 10% of the current carbon emission reduction set by Scottish Building Standards will be met through the installation and operation of low and zero-carbon generating technologies. A statement will be required to be submitted demonstrating compliance with this requirement. The percentage will increase at the next review of the Local Development Plan

This requirement will apply to:

- Alterations and extensions to buildings;
- Change of use or conservation of buildings
- Ancillary buildings that stand alone and cover less than 50 square metres
- Buildings which will not be heated or cooled, other than by heating provided solely for frost protection;
- Buildings which have an intended life of less than two years.