

CS18: SUSTAINABLE RESOURCE USE AND CLIMATE CHANGE

The council will actively promote development that utilises natural resources as efficiently and sustainably as possible. This will include:

1. Meeting high water efficiency standards, and incorporating new technologies to recycle and conserve water resources.
2. Requiring the use of Sustainable Urban Drainage Systems (SuDS) where practicable.
3. Supporting the necessary improvement of flood defences and surface water infrastructure required against the actions of climate change, and preventing development in high flood risk areas wherever practicable and possible.
4. Meeting required national reductions of predicted CO₂ emissions by at least 34% in 2020 and 80% in 2050 by applying the following measures on development proposals. Requiring all industrial and commercial premises greater than 1000 square metres to provide 20% of their expected energy demand from on site renewable energy until the code for such buildings is applied nationally. Where developers consider these Codes and targets cannot be met on the basis of viability they will be required to provide proof through open book discussions with the council at the planning application stage.
5. Ensuring building design reduces energy consumption by appropriate methods such as high standards of insulation, avoiding development in areas subject to significant effects from shadow, wind and frost, using natural lighting and ventilation, capturing the sun's heat, where appropriate.
6. Supporting development that minimises the consumption and extraction of minerals by making the greatest possible reuse or recycling of materials in new construction, and by making best use of existing buildings and infrastructure.
7. Supporting development that seeks to minimise waste and facilitates recycling and using waste for energy where appropriate.
8. Ensuring that development and land use in areas close to the Humber Estuary and rivers responds appropriately to the character of the area, in the interests of preserving and making best use of limited resources.
9. Supporting development that will help to reduce the need to travel for people using that development.
10. Ensuring development and land use helps to protect people and the environment from unsafe, unhealthy and polluted environments, by protecting and improving the quality of the air, land and water.
11. Supporting renewable sources of energy in appropriate locations, where possible, and ensuring that development maximises the use of combined heat and power, particularly at the South Humber Bank employment site and where energy demands for more than 2MW are required for development.
12. Supporting new technology and development for carbon capture and the best available clean and efficient energy technology, particularly in relation to the heavy industrial users in North Lincolnshire, to help reduce CO₂ emissions.
13. Promote the use of a greenspace strategy and a green infrastructure plan, where applicable, which could help reduce the effects of climate change.

- 11.41 This policy aims to reduce the size of North Lincolnshire's ecological footprint, reduce the causes of climate change, and move North Lincolnshire towards a more resource efficient future. It will be implemented through specific resource use policies and proposals in relevant Action Plans, and through the planning application and building control processes. The issue of renewable energy will be amplified through a Supplementary Planning Document. Examples of this include using renewable energy technology, being positive about supporting new carbon capture technologies, concentrating more on waste minimisation, reuse and recycling by applying the national waste hierarchy and delivering cleaned up, previously used contaminated land where it is sustainably located and where practicable, in accordance with Environment Agency and local guidance.
- 11.42 The Outline Water Cycle Strategy shows that there will be a need for major improvements to the sewage network to accommodate growth within and adjoining Scunthorpe. This policy makes it clear that development will need to be phased in a way that ensures that infrastructure is provided either before or alongside development for it to be sustainable. The phasing of development will need to be informed by further evidence on infrastructure as part of the development of the Lincolnshire Lakes Area Action Plan and the Housing and Employment Development Plan Document. This is necessary to ensure the protection of the water environment and to meet the objectives of the Water Framework Directive as set out in the Humber River Basin Management Plan.

CS19: FLOOD RISK

The council will support development proposals that avoid areas of current or future flood risk, and which do not increase the risk of flooding elsewhere. This will involve a risk based sequential approach to determine the suitability of land for development that uses the principle of locating development, where possible, on land that has a lower flood risk, and relates land use to its vulnerability to flood. Development in areas of high flood risk will only be permitted where it meets the following prerequisites:

1. It can be demonstrated that the development provides wider sustainability benefits to the community and the area that outweigh flood risk.
2. The development should be on previously used land. If not, there must be no reasonable alternative developable sites on previously developed land.
3. A flood risk assessment has demonstrated that the development will be safe, without increasing flood risk elsewhere by integrating water management methods into development.

Development within the Lincolnshire Lakes area will comply with the flood management principals set out in the Western Scunthorpe Urban Extension Exception Test Strategy. Any further flood management proposals will have to be agreed by both the council and the Environment Agency during the process of the Lincolnshire Lakes Area Action Plan. Development proposals in flood risk areas which come forward in the remainder of North Lincolnshire shall be guided by the Strategic Flood Risk Assessment for North Lincolnshire and North East Lincolnshire. This will ensure that proposals include site specific flood risk assessments which take into account strategic flood management objectives and properly apply the Sequential and, where necessary, Exception Tests.

In addition development will be required, wherever practicable, to incorporate Sustainable Urban Drainage Systems (SUDS) to manage surface water drainage. The Council will also seek to reduce the increase in flood risk due to climate change through measures to reduce carbon dioxide emissions.

- 11.43 This policy is needed to safeguard people and property from the risks of flooding. The risks of flooding in North Lincolnshire are forecasted to increase due to climate change.