

North East Lincolnshire - Local Flood Risk Management Strategy - Appendix A - Strategic Measures

Climate Resilient Places	
Working with partners to bolster resilience to flooding and coastal change across the nation, both now and in the face of climate change	
Objective	Strategic measure
1 We will increase our skills, capabilities and understanding of local flood risk through investigations and continually improving data	<p>By 2024, NELC will have established and continue to monitor the ongoing maintenance of SuDS by working with the Doncaster, Immingham, and Grimsby (DIG) surface water resilience project in order to assess resource requirements and install SuDS that will be functional and efficient for longer.</p> <p>The North East Lincolnshire Strategic Flood Risk Board will identify funding opportunities in North East Lincolnshire by sharing information of upcoming grants and working with wider stakeholders including the RFCC.</p> <p>NELC will continue to maintain existing traditional drainage infrastructure and new SuDS infrastructure in North East Lincolnshire in order to preserve functionality and efficiency.</p> <p>The North East Lincolnshire Strategic Flood Risk Board will maximise the benefits of funding through partnership working and identifying opportunities to work together to achieve common goals in reducing local flood risk and increasing local flood resilience.</p> <p>The North East Lincolnshire Strategic Flood Risk Board will improve understanding of local flood risk through the use of new data where they become available, in particular the updated reservoir inundation mapping, NaFRA2 and the Environment Agency Coastal Hazard Mapping. This will then be used alongside planning considerations.</p>
2 We will work with development planning to seek opportunities to improve resilience through new and existing development, to encourage environmental net gain	<p>North East Lincolnshire Local Planning Authority in consultation with RMAs will encourage SuDS retrofit on brownfield sites and enhanced green infrastructure to mitigate the existing flood risk to urban areas.</p> <p>By 2030, NELC LLFA will increase the uptake of green infrastructure on new and existing development in order to maximise biodiversity net gain and water quality by working with the Green Infrastructure in Greater Lincolnshire (GIGL) scheme.</p>
3 We will strive for sustainability in all aspects of flood risk management in order to meet the Council's goals of cutting carbon emissions to net zero by 2040	<p>By 2040, NELC will, where possible, minimise carbon emissions in undertaking flood risk mitigation works in order to meet North East Lincolnshire Council's goal of reducing carbon emissions to net zero by 2040 as set out in the Net Zero Carbon Roadmap.</p> <p>By 2030, Lincolnshire Wildlife Trust will use the Natural Environmental Investment Readiness Fund (NEIRF) in order to expand current environmental initiatives and support new investment into the natural environment in North East Lincolnshire.</p> <p>By 2026, NELC LPA and LLFA will encourage the use of nature-based solutions and reduction of carbon emissions by setting out in the planning system guidance and NELC requirements for use of SuDS and nature-based solutions for new development to incorporate these in preference to hard engineering in North East Lincolnshire.</p>
Today's growth and infrastructure resilient in tomorrow's climate	
Making the right investment and planning decisions to secure sustainable growth and environmental improvements, as well as infrastructure resilient to flooding and coastal change	
Objective	Strategic measure
4 We will seek opportunities for innovation in flood risk management duties and schemes to adapt to a changing climate	<p>The North East Lincolnshire Strategic Flood Risk Board will undertake a coordinated approach to flood risk mitigation works through consideration of the objectives and requirements within all relevant plans and strategies when undertaking flood defence works, development of future environmental changes in the Humber Estuary.</p> <p>Planners will work with internal and external Risk Management Authorities to reduce flood risk, where suitable, when redeveloping brownfield sites.</p> <p>North East Lincolnshire LLFA will work with the Local Plan team to develop Critical Drainage Areas to allow surface water drainage and flood risk to be adequately assessed during the planning process.</p> <p>The Local Planning Authority and Lead Local Flood Authority will work with developers through the planning process and provision of pre-application advice to achieve biodiversity net gain and encourage use of green infrastructure and SuDS in all new developments across North East Lincolnshire.</p>
5 Plan and adapt to a changing climate through developing longer term adaptive approaches	<p>By 2030, North East Lincolnshire Council LLFA will lead Property Flood Resilience schemes where appropriate, to mitigate the risk of flooding to individual properties, by applying to local sources of funding in order to address the flood risk to key residential areas in North East Lincolnshire.</p> <p>Anglian Water will invest £12 million to improvements to the drainage and wastewater network between 2025-2050 as set out in the Drainage and Wastewater Management Plan.</p> <p>Define critical assets within the Flood Risk Asset Register and develop an asset management plan to ensure the long term maintenance of Flood Risk Assets.</p> <p>North East Lincolnshire Council in partnership with Anglian Water will invest in disconnecting the sewer networks and seek opportunities through wider schemes to separate the current combined network across the authority.</p>
A nation ready to respond and adapt to flooding and coastal change	
Ensuring local people understand their risk to flooding and coastal change, and know their responsibilities and how to take action	
Objective	Strategic measure
6 We will build upon and improve existing resilience at a community level through increasing awareness and understanding of flood risk and working together to embed resilience in buildings and planning.	<p>By 2030, the Lead Local Flood Authority will improve the resilience of communities responding to flooding by engaging with communities and the National Flood Forum to support new emergency flood plans so that residents know how and when to respond in flood events in North East Lincolnshire.</p> <p>By 2025, the North East Lincolnshire Strategic Flood Risk Board and Local Planning Authority will consult with the EA on planning applications in the floodplain to seek to reduce displacement of fluvial flood risk from Main Rivers.</p> <p>The Local Resilience Forum will continue to increase community flood resilience by encouraging residents to sign up for flood warnings, where suitable to increase preparedness and resilience during flood events in North East Lincolnshire.</p>
7 We will continue to review preparedness in responding to flood events and update accordingly through working with the Local Resilience Forum and communities so that communities and RMAs alike can better prepare and respond to flooding and coastal change	<p>Following flood events, the Lead Local Flood Authority will work with homeowners and insurers to look to build back better, working alongside the Environment Agency to fund future mitigation works and encourage flood resistance and resilience.</p> <p>By 2025, RMAs will encourage the next generation of RMAs to support future resource by working with higher education programmes and placement providers to influence and tailor course content to the requirements of local flood risk management and make contacts for attendees to consider the career path.</p>