

| National Objective | Local Objective | Measure | Actions | Time Frame (short 0-2 years, medium 2-5 years and long term over 5 years) | Lead RMA and any key stakeholders | Date to review | Links to other plans or strategies |
|----------------------|---|---|---|---|-----------------------------------|----------------|------------------------------------|
| Understand the risks | Improve Knowledge and understanding of flood risk throughout Northumberland | Identify and prioritise local flood risks, whilst taking into account the anticipated effects of climate change. | Ensure Flood and Coastal Erosion Risk Management Team involvement in pre-planning consultation with developers to ensure appropriate studies are undertaken to identify and understand local flood risk | short | NCC | Sep-16 | |
| | | | Use local knowledge and indicative flood risk areas to ensure our limited resources are used to investigate and understand local flood risk in higher risk priority areas | short | NCC | Sep-16 | |
| | | | Continue to improve knowledge of local flood risk issues through liaison with established community groups and Town and Parish Councils | short | NCC | Sep-16 | |
| | | | In higher risk priority areas investigate local flood risks and identify how future development and climate change impacts may affect local communities | medium | NCC | Mar-17 | |
| | | Work in collaboration with other Risk Management Authorities to ensure a holistic approach to flood risk. | Continue to work in collaboration and build relationships with other Risk Management Authorities (RMAs) to share best practice and develop a consistent approach to flood risk | short | NCC/ NWL/ EA | Sep-16 | |
| | | | Continue to liaise with risk management authorities in accordance with existing governance and communication arrangements | short | NCC | Sep-16 | |
| | | Investigate and record details of flood events to improve understanding and build-up an evidence base. | Define impact criteria by adopting a risk based approach to investigating flooding which considers human, social and economic impacts | medium | NCC | Mar-17 | |
| | | | Publish Flood Investigation Reports in line with Section 19 of the Flood and Water Management Act requirements on the Council website | short | NCC | Sep-16 | |
| | | Develop and maintain the Flood Risk Asset Register to identify key flood risk assets and who is responsible for their maintenance | Flood Investigation Reports to build-up the evidence base and prioritise | short | NCC | Sep-16 | |
| | | | Identify key flood risk asset owners and develop a maintenance programme with them (particularly key for riparian owners); | medium | NCC | Mar-17 | |
| | | | Continue to update the Flood Risk Asset Register with significant assets identified during flood investigations and the preparation of flood risk studies | short | NCC | Sep-16 | |
| | | | Establish effective regimes to share flood risk asset information between Council departments and risk management authorities | medium | NCC | Mar-17 | |

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| Prevent inappropriate development | Promote sustainable development to reduce local flood risk with consideration to the anticipated impact of climate change | Inform planning policy to encourage new development in low risk areas and to restore flood plains and promote sustainable, resilient development | Ensure the evidence base is up to date and regular updates are made as necessary (significant flood event, update to the Northumberland Local Plan evidence base, new legislation); | short | NCC | Sep-16 | NCC Core Strategy |
| | | | Continue to work with Development and Delivery and Planning and Housing Policy Teams to provide advice on local flooding matters and assist with the development of policies that are informed by a sound evidence base | short | NCC | Sep-16 | NCC Core Strategy |
| | | | Follow established protocols on consultation on planning applications to enforce planning policies from a flood risk perspective | medium | NCC | Mar-17 | NCC Core Strategy |
| | | | Where reasonably practicable require all new development located in catchments with known flood risk issues to achieve a reduction in greenfield runoff (50% reduction in brownfield runoff). | medium | NCC | Mar-17 | NCC Core Strategy |
| | | Ensure appropriate and adequate sustainable drainage solutions are included in all new developments | Continue to promote awareness of flood risk implications and the use of SuDS in planning decision making | short | NCC | Sep-16 | NCC Core Strategy |
| | | | Produce local SuDS guidance to guide developers and their consultants seeking adoption of SuDS by Northumberland County Council | medium | NCC | Mar-17 | NCC Core Strategy |
| | | | Approve, adopt and maintain SuDS, in line with statutory requirements and arrangements set out in the local SuDS guidance and where the criteria for adoption is met | medium | NCC | Mar-17 | NCC Core Strategy |
| | | | Work in partnership with Northumbrian Water Limited to understand existing capacity of sewage treatment works and sewerage systems to ensure that new development does not increase surface water flooding as a consequence of capacities being exceeded | medium/ long | NCC/ NWL | Mar-17 | |
| | | | Identify contributions to flood mitigation schemes through the development management process | medium | NCC | Mar-17 | |
| | | Advocate a catchment wide approach to sustainable development and land management practices to contribute towards reducing flood risk, better water quality and wider environmental benefits | Ensure that Water Framework Directive (WFD) Assessments are undertaken where development may impact waterbodies and prevent WFD objectives being met | short | NCC | Sep-16 | |
| | | | Continue to work with RMAs, universities, developers, landowners and other similar organisations to promote and develop natural flood management schemes to reduce risk posed to rural communities | short | NCC | Sep-16 | |

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| Manage the likelihood of flooding | Actively manage flood risk and drainage infrastructure to reduce likelihood of flooding | Use our understanding of flood risk throughout Northumberland to develop risk based, long term maintenance procedures for management of our existing key flood assets | Review and monitor the risk based approach to highway gully maintenance | short | NCC | Sep-16 | |
| | | | Continue to follow established approach to consenting works to ordinary watercourses | short | NCC | Sep-16 | |
| | | Ensure our limited resources are invested in higher risk priority areas where measures will improve social, environmental and economic benefits | Continue to work with RMAs and other interested stakeholders to manage flood risk and identify multi-beneficial solutions | short | NCC/ NWL/ EA | Sep-16 | |
| | | | Review and update the LFRMS Action Plan on an annual basis | short | NCC | Sep-16 | |
| | | | Prioritise work with consideration of Defra's outcome measures, and the availability of funding | short | NCC | Sep-16 | |
| | | | Use the flood risk asset register to inform maintenance activities | short | NCC | Sep-16 | |
| | | | Prioritise and deliver a programme of studies, investigation and works in line with available funding routes and with consideration of the severity and frequency of flooding. | long | NCC | Mar-17 | |
| | | Seek partnership working opportunities so that those that benefit from existing or proposed flood risk assets can contribute towards their planning and management | Promote local choice by working collaboratively with RMAs, developers, landowners and community groups to attract funding and deliver the most effective solutions. | medium | NCC/ NWL/ EA/ Community Groups | Mar-17 | |
| Help people to manage their own risk | Encourage communities to become more resilient to flooding by increasing public awareness and understanding their concerns | Engage with communities through existing groups and networks to raise awareness of the flood risk within their area. | Work with existing groups and Parish and Town Councils to identify and develop appropriate ways to engage with local communities and support flood actions plans | medium | NCC/ Parish and Town Councils | Mar-17 | |
| | | Use a range of media techniques to increase the potential for community engagement | Publish information on the website to inform communities of flood risk and how to be better prepared and update as new information becomes available | short | NCC | Sep-16 | |
| | | | Maintain and update the LLFA section on the Northumberland County Council's website | short | NCC | Sep-16 | |
| | | | Ensure final version and future updates of the local strategy are freely available to the public in a range of formats | short | NCC | Sep-16 | |
| | | | Identify groups of people within the community that may be more vulnerable to flooding and ensure that engagement activities are communicated in a suitable format | short/ medium | NCC | Sep-16 | |
| | | Help communities understand the benefits of local flood plans and the importance of local flood risk assets in terms of community resilience and preparedness for flooding | Work with communities to raise awareness of the benefits of local flood plans which will provide a better understanding of local flood risk and the location of important drainage assets in their area | short | NCC | Sep-16 | |

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| Improve flood prediction, warning and post-flood recovery and the risks | Be better prepared for flood events and post flood recovery | Monitor and analyse warnings issued by the Environment Agency and Met Office to co-ordinate and prepare our response to extreme weather events | Ensure the Northumberland Flood Action Plan remains current and in line with latest flood and weather warning guidance | short | NCC | Sep-16 | |
| | | | Develop a communications plan to support communities | short | NCC | Sep-16 | |
| | | | Work in partnership with the Environment Agency and other partners when responding to a flooding incident | short | NCC/ EA | Sep-16 | |
| | | Continue to work with other risk management authorities and partners to ensure consistent and efficient emergency response plans and support those who have been affected by flooding | Help communities to develop Local Flood Plans and Community agreements | short | NCC | Sep-16 | |
| | | | Identify critical infrastructure at risk and develop resilience plans | short/ medium | NCC/ EA | Sep-16 | |
| | | | Identify and support communities that would benefit from having a local flood forum and help to develop Community Agreements / Local Flood Plans | short | NCC | Sep-16 | |
| | | Use our local knowledge of flood risk to prioritise actions in advance of a potential flood incident | Utilise the natural links between the FCERM Team and Civil Contingencies Team to promote and co-ordinate flood response and preparedness across key teams within the authority | short | NCC | Sep-16 | |