

**BUILDING A BETTER  
NOTTINGHAM**

# **Nottingham Local Flood Risk Management Strategy**

**Proud&Ambitious**



**Nottingham  
City Council**



# Our Role

## Managing Flood Risk in the City

### Who are we?

Under the Flood and Water Management Act 2010, Nottingham City as a Lead Local Flood Authority have a statutory duty to develop, maintain and apply a Local Flood Risk Management Strategy for managing flood risks within its administrative boundary.



Our strategy outlines our approach to achieving this and details our objectives, aims and actions which seek to reduce the impact and likelihood of flooding across the city.

Flooding can have devastating impacts that affect people, property, businesses, the environment and the transport network. Nottingham has many different sources of local flood risk including, river flooding, surface water, groundwater, canal, reservoir, sewer and smaller watercourses.

Flooding though a natural process has been changed by the urbanisation of the city, changing the way that water flows in our rivers, beneath the ground and over the surface of the land. As Nottingham continues to grow, we aim to see development happen sustainably that does not increase the risk of flooding.

Whilst it is not possible to prevent all flooding, there are many actions that can be taken to reduce the impacts on our communities. It is important that resources are focussed on our areas and communities that suffer the greatest impacts of flooding to have the greatest possible impact.

This strategy has been developed to highlight what the City Council is planning to do to manage local flood risk to our communities now and into the future. It is a source of information for all individuals, communities and businesses prone to flooding and supports the many different organisations we work with to manage flood risk across the city.

# Our Partners

## Who do we work with to manage flood risk?

There are many agencies that have responsibilities for managing flood risk in Nottingham. Flooding can be complex, and it is important for these organisations to work together in partnership.

### Nottingham City Council

- As the Lead Local Flood Authority, we have several responsibilities which include:
  - Lead on managing and investigating flood risk from surface water, ground water and ordinary watercourses.
  - Develop a strategy for managing local flood risk in Nottingham.
  - Work in partnership with other organisations to manage flood risk.
  - Maintain a register of structures or features that have a significant effect on flood risk.
  - Act as a statutory consultee on major planning applications with respect to surface water management.
- The City Council also has responsibility as the Highways Authority, this includes providing and maintaining highway drainage features such as road gullies.

Surface  
water

Groundwater

Highway  
flooding

Ordinary  
watercourses



Nottingham  
City Council

### Environment Agency

- The Environment Agency is defined as a Risk Management Authority and has a Strategic Overview of all forms of flooding.
- They have developed a National Flood and Coastal Erosion Risk Management Strategy. The Environment Agency is responsible for managing flood risk from larger watercourses ('main rivers'), estuaries, the sea and reservoirs.
- During a flood incident the Environment Agency serves as a category 1 responder. They are responsible for issuing flood warnings, monitoring river levels and managing flood defences. Their teams work closely with emergency services and local authorities as other category 1 responders to co-ordinate responses, provide real-time information and support to affected communities.

Main rivers

Coastal

Reservoirs



Environment  
Agency

### Severn Trent Water

- Severn Trent Water are the water and sewerage company that covers Nottingham. They have a duty to provide effectual drainage and are responsible for public sewers that collect wastewater and rainwater.

Sewage

SEVERN

TRENT

WATER



# Our Ambitions

## What do we want to achieve?

To serve Nottingham well, by creating a clean, green and connected city



### We want to achieve:

- ◆ A reduction of flooding in the city:
  - ◆ We want to see the amount of flooding incidents in the city decrease wherever possible through work with ourselves and our key partners.
- ◆ A reduction to the impacts of flooding:
  - ◆ We aim to find ways of reducing the impact of flooding in locations where it may not be possible to stop this happening, looking at ways to support our most at risk communities.
- ◆ More knowledge sharing:
  - ◆ To involve communities and raise awareness of flood risk management activities encouraging a culture of resilience.

### We will do this by:

- ◆ Co-ordinating Efforts:
  - ◆ Manage and develop our working relationships with our key delivery partners and work with Risk Management Authorities and other key stakeholders to increase flood resilience in Nottingham.

- ◆ Promoting Sustainable Development:
  - ◆ Work closely with the Local Planning Authority to ensure robust proposals for sustainable urban drainage (SuDS) features in new developments. These are designed to manage surface water run-off in urban areas. They aim to mimic natural drainage processes, reducing flood risk, improving water quality, and enhancing the environment. SuDS include features like permeable pavements, green roofs, and detention basins.
- ◆ Increasing Community Resilience:
  - ◆ Identify our at-risk communities and find ways of working positively with community groups, residents and partners.

### How and when will we achieve these?

- ◆ The aim of this Local Flood Risk Management Strategy is to reduce the impact of flooding on people, property and businesses in Nottingham. There are many different elements to flood risk management and this aim will be achieved through a variety of activities and measures over a range of timescales, these are outlined in our action plan.



**Our following ambitions highlight how we intend to meet our goal to contribute to making Nottingham a cleaner, greener, safer city. Our approach focuses on four key pillars:**

### **Ambition 1 - Prevention**

By taking a sustainable and proactive approach to Flood Risk

Management we look to reduce the potential of risk before it happens.

Working together with our key partners we will look to understand our areas of risk and when we can implement preventative works.

Working closely with the Local Planning Authority we will promote and require the use of SuDS in new developments.

### **Ambition 2 - Protection**

Our capital programme will be reviewed annually to ensure adequate investment in physical works.

We will support initiatives for property owners to install flood resilient measures for their homes and businesses, providing guidance and advice.

Work with key partners for the ongoing maintenance of our reservoirs and dams.

### **Ambition 3 - Resilience**

Work with community groups and programs focussed on building local resilience and local emergency response plans.

Educate our residents about flood risk, preventative measures and riparian responsibilities.

Continue working ties with Environment Agency, the warning systems and emergency response plans.

### **Ambition 4 - Recovery**

Work with our partners on recovery plans for affected communities following flood events.

Understand the wider impacts of flooding to Nottingham (e.g. mental health, commercial effects).

Continue to offer bespoke long-term support through, information, guidance and advice to all affected residents/business owners.

# Prevention

**Flood risk has traditionally centred around taking a reactive approach to flooding incidents, we want our approach to look more into proactive actions to see where we can look to reduce the potential risk before it happens. We have laid out five measures to help us work towards meeting our ambition.**

## Measure 1



### **Gain a greater understanding of flood risks posed to Nottingham City.**

- ♦ Learning where our current at-risk locations are is vital to ensure resources are placed where they are most effective, by working with communities to understand recent flooding events we can start to highlight our prioritisation.
- ♦ Effective flood management is reliant on accurate and high-quality data, we will collect, manage, and share data to ensure all partners have access to relevant and reliable information regarding current and future risk for Nottingham City.
- ♦ Expand our knowledge of assets across the city. Whilst we have a duty to keep a record of “Significant Flood Risk Assets” we recognise that all assets have a part to play in managing flood risk, we want to ensure the functionality of our drainage network continues by aiming to identify all relevant assets which play an active part in our network.

## Measure 2



### **Promote sustainable development across the city that seeks to reduce flood risk.**

- ♦ Robust planning policy is essential to ensure the appropriate consideration to flood risk is given to all new developments, we will ensure that Nottingham City’s Local Plans and Policies continues to consider flooding in a robust manner and seek opportunities to further enhance plans, strategies and policies.
- ♦ As part of our role as a statutory consultee on major planning applications, we will continue to promote the use of SuDS and the integration of blue-green infrastructure in all developments.
- ♦ Ensuring new developments incorporate flood resilience and resistance into their proposals. We will encourage new building techniques to ensure properties are better protected to withstand the potential effects of flooding.

## Measure 3



### **Identify and prioritise local flood risks, taking climate change projections into account.**

- ♦ Undertake continual annual reviews of our capital works programme to ensure that resources are being prioritised at our most vulnerable and affected communities.
- ♦ Embed the impact of climate change guidance ensuring that any proposals, works or initiatives will be relevant and appropriate for future projected risk.
- ♦ Where possible the prioritisation should be on nature-based solutions as part of any proposal to prevent flooding, such as creating green infrastructure like raingardens or bioretention areas. These solutions not only mitigate flood risks but also enhance the city’s resilience to the long-term effects of climate change.



#### Measure 4



### Work in partnership with risk management authorities to identify and prioritise local flood risks.

- By establishing data sharing frameworks and agreements with other risk management authorities we can combine datasets and understand areas of high risk, model potential solutions and prioritize intervention based on the most vulnerable communities and infrastructure.
- Integrating and collaborating management plans that align with both local and national strategies ensure that resources can be allocated efficiently, and the most effective solutions are implemented to mitigate future risk. These could include sustainable drainage systems, natural flood management techniques and best working practices.
- Promote engagement between all risk management authorities and our communities, by finding ways to work together to develop community-focussed initiatives.

#### Measure 5



### Improve our flood risk management maintenance procedure.

- Establish a targeted and detailed routine inspection plan for all major flood risk assets, ensure a proactive maintenance plan is implemented to ensure all critical assets remain in a good condition reducing the likelihood of failure during large scale flood events.
- Expand our knowledge of all assets across the city not only those designated as critical assets. By understanding how all assets and systems work together we can ensure that any maintenance is targeted effectively.
- Review our use of smart monitoring technologies to strengthen our maintenance regime to ensure more targeted and cost-effective support is given to our areas that need it most during flooding events.



# Protection

**Where prevention is not possible, we must look at the most effective and efficient ways of protecting our most at risk communities and infrastructure to ensure cost-effective spending. We have laid out four measures to help us work towards meeting our ambition.**

## Measure 1



### **Continuous development and review of our Flood Risk Capital Programme.**

- ◆ Continually investigate ways of securing and leveraging different funding sources to sustain and expand our capital programme. It is vital to understand all funding options available including sources outside of the usual scope.
- ◆ Actively involve local communities, business and key stakeholders in the planning and review process, look to gather information and input from those directly affected by flooding to help prioritise our resources.
- ◆ Incorporate new and innovative ways of managing flood risk, looking at projects that protect for larger events, focussing on flexible solutions such as sustainable drainage and natural flood management.

## Measure 2



### **Strengthen policies, practices and procedures.**

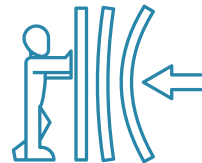
- ◆ Promotion of sustainable drainage systems across Nottingham is crucial to ensure our city remains resilient to both climate change and flooding. We will investigate mandating the use of features such as green roofs, rain gardens and permeable surfaces in both new developments and retrofits.
- ◆ Review Council practices and plans across the authority to ensure where possible importance is given to how flood risk and water is management across the authority ensuring a cohesive and targeted approach is taken.
- ◆ Work with neighbouring risk management authorities to ensure that where flood risk is affected across boundaries, that working practices and policies provide holistic benefits and look to promote wider benefits where possible.







### Measure 3



#### Promote and support property level resilience and personal resilience.

- ◆ Develop and distribute guidance for residents in Nottingham city about Property Level Resilience that outline practical and cost-effective options, the benefits, and frequently asked questions regarding its installation.
- ◆ Enable residents to become self-resilient through providing them the means and equipment to do so where possible. Ensuring support to given to our most at risk communities.
- ◆ Encourage the use of flood planning at an individual level, showing the important for planning for potential flooding and the steps an individual can take to protect their property. Supporting additional work with community groups where appropriate.

### Measure 4



#### Investigate nature-based solutions.

- ◆ Further develop and review nature-based flood management projects such as restoring natural river channels and replanting trees and wild areas. By reviewing the effectiveness of these solutions, we can gather evidence to support the broader implementation of future works.
- ◆ Collaborate with local landowners, environmental groups, authorities, and the community to explore opportunities to incorporate and implement nature-based solutions on both private and public land. Identifying partnership opportunities can help with scaling up the adoption of natural solutions and provide additional benefits such as biodiversity and recreational space.
- ◆ Work with the Local Planning Authority and colleagues within the authority for finding ways to encourage or require the use of these solutions in new developments and urban regeneration projects. These guidelines would promote the use of sustainable features and natural solutions to promote multi-benefits across the authority.

# Resilience

Unfortunately, flooding can be unavoidable and as such we need to find ways to make our city as resilient as possible. Where we cannot prevent or protect our properties, we have laid out five measures to help others work towards becoming resilient.

## Measure 1



### Support communities with their flood response plans across the city.

- ◆ Investigate how we can assist community groups in the creation of flood response groups in our areas of highest risk, providing guidance and support on flood preparedness and response strategies.
- ◆ Assist residents and local communities with support and communication networks, ensuring that our most vulnerable residents have aid to become resilient to the effects of flooding.
- ◆ Explore what resources could be developed to help support communities in evolving flood response and action groups.

## Measure 2



### Enhance our flood risk communication tools.

- ◆ Strengthen working relationships with schools, colleges and universities across Nottingham, looking at how we can support development and understanding revolving around key flood risk related issues.
- ◆ Evaluate how we communicate with our communities during flooding events to ensure that effective messages are reaching the appropriate individuals. Providing updated real time information to affected areas is crucial to ensuring effective measures can be taken before flooding happens.
- ◆ Continually review all existing guidance documents on preparing, responding and recovering from a flood, by regularly reviewing our guidance we can ensure that the correct information is being passed on.

## Measure 3



### Work with key delivery partners in ensuring new developments where possible incorporate flood resilience.

- ◆ Engage with developers and consultants at the early stages of the planning process to ensure that flood resilience is a key consideration in the design of all new developments across the city.
- ◆ Look to integrate flood resilience into our role as a statutory consultee in the planning process. By providing comments to the local planning authority and incorporating comments regarding flood resilience we can strengthen their consideration in the planning process.
- ◆ Work with our key delivery partners to promote the inclusion of sustainable drainage and resilient features in all developments and projects, encouraging best practice and developing guidance for their inclusion.





#### Measure 4



### Ensure technology in flood monitoring is accessible and efficient across the city.

- ◆ Review our current use of smart technology in flood monitoring in the city, ensuring locations are still relevant and information is being shared with the correct people. Exploring the potential for further expansion of both the network and information sharing with our key partners.
- ◆ Explore the potential use of technology in our key risk areas and review the effectiveness, using any results to refine and scale the development to more areas across the city. Ensuring new technology is tailored to the specific needs of different areas.
- ◆ Explore how information can be shared with our residents and communities from any systems we hold. Looking at how relevant and important details can be shared ensures effective messages are provided.

#### Measure 5



### Work with other risk management authorities on key policies and strategies which promote long-term resilience.

- ◆ Engage with all risk management authorities on consultations on any new or existing policies and procedures, additionally ensuring all key partners are fully consulted on any new emerging Nottingham City policies to ensure long-term resilience to built into all planning.
- ◆ Work as key delivery partners on important strategic developments from other risk management authorities of which affect flood risk management in the city. Investigating how we can support the delivery of these strategies to promote resilience across all areas.
- ◆ Support working groups between other authorities and national bodies to advocate for stronger national and regional policies that support resilience.

# Recovery

**When flooding does occur, we want to see recovery happening as soon as possible and being undertaken in an effective and coordinated manner. We have laid out four measures for how we can support or communities with their recovery.**

## Measure 1



### Support public communication and information sharing.

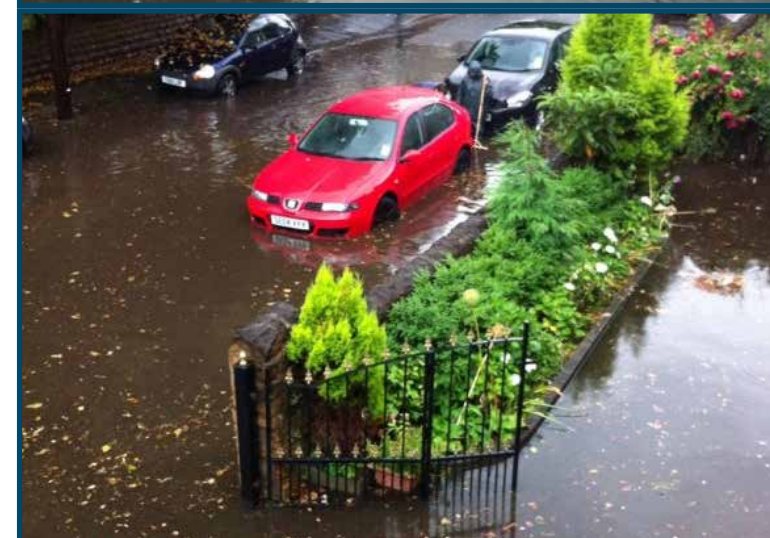
- ◆ Support meetings and drop-in sessions with our partners following major flooding events to provide important and relevant information to those affected by flooding. Looking at methods to ensure accessibility for all potentially affected residents.
- ◆ Ensure all communication to residents is clear, concise, and accessible. Navigating flood risk can involve a great deal of detailed and technical knowledge, we aim to make sure all residents are able to access clear and accessible information.
- ◆ We aim to aid the recovery of individuals affected by flooding by providing on-site support, conducting formal investigations where necessary, collaborating with communities to understand flooding mechanisms, and reviewing whether all relevant authorities responded appropriately.

## Measure 2



### Provide guidance and support on how to access potential funding grants and sources.

- ◆ Following flood events, investigate any potential funding grants of which affected residents would be able to access either from national or local sources.
- ◆ Provide support to residents where appropriate in securing any highlighted funding or grants. Providing guidance and information to those affected and working with our key partners in partnership to ensure a cohesive and joined up approach.
- ◆ Work with national bodies following flooding events to prioritise future resources and funding sources, feeding into future planning and schemes for managing future risk.





### Measure 3



#### Support colleagues and key partners during recovery phases.

- ◆ Assist colleagues and partners during the recovery phases by attending coordination meetings with key partners, including emergency services, health organisations and charitable groups to discuss ongoing recovery effects, share updates and address changing challenges.
- ◆ Encourage knowledge sharing and best practice during recovery. Providing opportunities to share knowledge during recovery phase ensures resources are used effectively and are prioritised in the locations needed most.
- ◆ Review how data is shared to key partners to assist during recovery phases. Those with responsibility for recovery need to ensure their resources are focussed on the correct places, by providing succinct and precise data we can support our partners in targeting resources effectively and efficiently.

### Measure 4



#### Support wellbeing initiatives following flooding events.

- ◆ Investigate resources available for managing the mental health effects of flooding following events, explore ways of distributing any relevant information to those affected. Information should cover the ongoing affects on mental health following incidents of flooding, including; anxiety, stress and depression.
- ◆ Support flood action and recovery groups in their work with recently flooded communities, providing guidance and support, and methods of accessing support networks. Where flood action groups are not present, methods of ensuring this information is accessible will be investigated to ensure all residents have access.
- ◆ Work with public bodies and charities following flooding events (e.g. Red Cross, Samaritans) and provide relevant support where possible.



For more information, please contact:  
**[floodriskmanagement@nottinghamcity.gov.uk](mailto:floodriskmanagement@nottinghamcity.gov.uk)**



Ambition	Measure	Action Point	Action	Stakeholders & Partners*	Short Term (2025 – 2027)	Medium Term (2027 – 2029)	Long Term (2029 onward)	Cost Estimate	Funding Source
Prevention	<b>Measure 1.1</b> Promote Sustainable development across the city.	1.1.1	Review Nottingham City planning policies on the incorporation of sustainable drainage and blue-green infrastructure within developments.	NCC	✓	✓	✓	Staff Time	DLUHC (LLFA)
		1.1.2	Create planning conditions which incorporate and promote the use of sustainable drainage and blue-green infrastructure within developments.	NCC	✓			Staff Time	DLUHC (LLFA)
		1.1.3	Review current best practice for new developments to ensure Nottingham City policies reflect current best practices.	NCC	✓	✓		Staff Time	DLUHC (LLFA)
		1.1.4	Create supplementary planning documents and design guidance for Sustainable Urban Drainage features (SuDS) and blue-green infrastructure in new developments.	NCC	✓			Staff Time	DLUHC (LLFA)
		1.1.5	Support the development of the next Local Plan for Nottingham City Council and align this with the River Leen Strategy (in partnership with the Environment Agency).	NCC, EA	✓			Staff Time	DLUHC (LLFA)
		1.1.6	Work in partnership with the Environment Agency on key major applications to maximise sustainable development opportunities.	NCC, EA	✓	✓	✓	Staff Time	DLUHC (LLFA)
		1.1.7	Review methods to reduce the impacts of urban creep across the City through provision of Standing Advice on minor planning applications.	NCC	✓	✓	✓	Staff Time	DLUHC (LLFA)
		1.1.8	Continue to lobby Central Government to enact Schedule 3 of the Flood and Water Management Act (2010)	NCC	✓	✓		Staff Time	DLUHC (LLFA)
		1.1.9	Investigate incentives for residential and commercial property owners to retrofit Sustainable Drainage Systems (SuDS) in existing developments and for change of use planning applications	NCC	✓	✓	✓	Staff Time	DLUHC (LLFA)
	<b>Measure 1.2</b> Gain a greater understanding of flood risk posed to Nottingham City.	1.2.1	Understand all at risk locations across Nottingham City by reviewing all previous historic flooding data and undertake subsequent mapping exercises, taking climate change and increasing urbanisation into account for future risk.	NCC, All Partners	✓	✓	✓	£10k / Staff Time	DLUHC (LLFA)
		1.2.2	Review all data sharing agreements with all key risk management authority partners and where appropriate ensure adequate sharing procedures and policies are in place for the effect transfer of data.	All Partners	✓			Staff Time	DLUHC (LLFA)
		1.2.3	Review our current Section 21 Asset Register and provide annual updates to the online interactive register.	NCC	✓	✓	✓	Staff Time	DLUHC (LLFA)
		1.2.4	Investigate the expansion of the asset register to consider all surface water drainage assets within the city.	NCC	✓	✓		Staff Time	DLUHC (LLFA)
	<b>Measure 1.3</b> Identify and prioritise local flood risks, taking climate change projections into account.	1.3.1	Undertake annual reviews and develop Nottingham City's Flood Risk Capital Programme ensuring resources are prioritised in our areas of greatest risk.	NCC	✓	✓	✓	£10m est	LL, FDGiA
		1.3.2	Review current and projected climate change guidance and figures for incorporation in future capital works and programmes.	NCC	✓	✓	✓	Staff Time	DLUHC (LLFA)
		1.3.3	Investigate natural flood management techniques for future projects, assessing potential pros and cons for implementation across Nottingham City.	NCC	✓	✓	✓	Staff Time	DLUHC (LLFA)
	<b>Measure 1.4</b> Work in partnership with Risk Management	1.4.1	Investigate collaboration opportunities with neighbouring authorities, Nottinghamshire County Council, Ashfield District Council, Broxtowe Borough Council, Gedling Borough Council, Rushcliffe Borough Council for any potential examples of cross boundary flood risk and possibilities for managing flood risk on a catchment basis.	NCC, Nottinghamshire County, ADC, BBC, GBC, RBC	✓	✓	✓	Staff Time	DLUHC (LLFA)

	Authorities to identify and prioritise local flood risks.	1.4.2	Pursue partnership opportunities for contributing to other flood alleviation schemes delivered by our key partners.	NCC, EA, CrT, STW	✓	✓	✓	£600k £100k (annual)	LL, FDGiA, NCC Contributions
		1.4.3	Maintain relationships with neighbouring authorities and investigate opportunities for sharing data in line with GDPR guidelines.	All Partners	✓	✓	✓	Staff Time	DLUHC (LLFA)
		1.4.4	Investigate risk associated with sewer flooding through Severn Trent Water with regards, identifying opportunities for surface water management and separation.	NCC, STW	✓	✓	✓	Staff Time	DLUHC (LLFA)
	<b>Measure 1.5</b> Improve our flood risk management maintenance procedure	1.5.1	Review and undertake our current routine inspection plan for all major flood risk assets.	NCC	✓	✓	✓	£40k (annual)	Revenue
		1.5.2	As per measure 1.2.4 create a database of all flood risk assets which influence managing surface water in Nottingham.	NCC	✓	✓		£5/10k	Revenue
		1.5.3	Review current monitoring techniques for flood risk assets and assess development and expansion of monitoring assets.	NCC	✓	✓		Staff Time	DLUHC (LLFA)
		1.5.4	Investigate centralisation of all surface water and ordinary watercourse assets across the authority into one central point for efficiencies and cost saving potential.	NCC	✓	✓		Staff Time	DLUHC (LLFA)
<b>Protection</b>	<b>Measure 2.1</b> Continuous development and review of our Flood Risk Capital Programme.	2.1.1	Review Flood Risk Capital Programme as part of the 6-year Local Flood Risk Management Strategy with how to aligns with key partners	NCC	✓	✓	✓	Staff Time	DLUHC (LLFA)
		2.1.2	Support delivery of the River Leen Strategy as implemented in partnership with the Environment Agency.	NCC, EA	✓	✓	✓	£2m est	LL, FDGiA, Capital, S106
		2.1.3	As per measure 1.3.3 support the development of natural flood management projects with the Flood Risk Capital Programme.	NCC	✓	✓	✓	£300k £50k (annual)	LL, FDGiA, Capital
		2.1.4	Identify opportunities to work collaboratively on Council wide capital schemes and projects to offer advice and implement flood risk benefits, encouraging retrofitting of Sustainable Drainage Systems where possible.	NCC	✓	✓	✓	Staff Time	DLUHC (LLFA)
	<b>Measure 2.2</b> Strengthen policies, practices and procedures.	2.2.1	Develop guidance for the implementation of sustainable features across Nottingham, for example green roofs, rain gardens and permeable surfaces, including retrofitting of features in existing spaces and property.	NCC	✓	✓		Staff Time	DLUHC (LLFA)
		2.2.2	Undertake a review of all council policies relating to management of flood risk across Nottingham City and provide comments to the relevant team.	NCC	✓	✓		Staff Time	DLUHC (LLFA)
		2.2.3	Pursue collaboration opportunities with neighbouring authorities to see how flood risk is managed across boundaries.	NCC, RBC, GBC, BBC, Nottinghamshire	✓	✓	✓	Staff Time	DLUHC (LLFA)
		2.2.4	Engage with the East Midlands Combined Authority to find opportunities for sharing opportunities for joint policies, practices and procedures.	NCC, EMCA	✓	✓	✓	Staff Time	DLUHC (LLFA)
	<b>Measure 2.3</b> Promote and Support Property Level Resilience and personal resilience.	2.3.1	Develop guidance for residents that outline frequently asked questions about property level resilience and common themes.	NCC	✓			Staff Time	DLUHC (LLFA)
		2.3.2	Support residents in creating and promoting flood resilient plans and flood action plans.	NCC	✓	✓		Staff Time	DLUHC (LLFA)
		2.3.3	Support community groups in forming Flood Action Groups and provide guidance and advice on documentation.	NCC, Communities	✓			Staff Time	DLUHC (LLFA)
		2.3.4	Work in collaboration with the National Flood Forum in the setting up of Flood Action Groups.	NCC, NFF	✓	✓		Staff Time	DLUHC (LLFA)
		2.3.5	Develop guidance about how residents and communities can become resilient to flooding and changes that can be made to properties.	NCC	✓			Staff Time	DLUHC (LLFA)
	<b>Measure 2.4</b>	2.4.1	Undertake a review of how other urban LLFA's have incorporate nature-based solutions in a city landscape.	NCC	✓	✓		Staff Time	DLUHC (LLFA)

	Investigate nature-based solutions	2.4.2	Explore collaboration opportunities with local landowners to incorporate nature-based solutions on private land where possible.	NCC, Landowners	✓	✓	✓	£50k	DLUHC (LLFA), Revenue, Capital, LL, FDGiA
		2.4.3	Work with the local planning authority to provide advice and guidance on encouraging nature-based solutions in new developments.	NCC	✓			Staff Time	DLUHC (LLFA)
		2.4.4	Provide support and advice to colleagues in other teams regarding the implementation of nature-based solutions in new schemes and regeneration projects.	NCC	✓	✓	✓	Staff Time	DLUHC (LLFA)
		2.4.5	Work with Nottingham Trent University and University of Nottingham to share knowledge and experience around nature based solutions and flood risk management.					Staff Time	DLUHC (LLFA)
		2.4.6	Support and promote Nottingham City Council's Greenspace Strategy (Greener Healthier Happier)	NCC	✓	✓	✓	Staff Time	DLUHC (LLFA)
Resilience	<b>Measure 3.1</b> Support communities with their flood response programs across the city.	3.1.1	Review existing national guidance on flood action groups and see where we can develop guidance specific to Nottingham residents.	NCC	✓			Staff Time	DLUHC (LLFA)
		3.1.2	Support local community groups and flood action groups by attending meetings where possible.	NCC, Communities	✓	✓	✓	Staff Time	DLUHC (LLFA)
		3.1.3	Explore resource options for Nottingham flood action groups and community groups.	NCC	✓	✓		Staff Time	DLUHC (LLFA)
	<b>Measure 3.2</b> Enhance our flood risk communication tools.	3.2.1	Strengthen relationships with Nottingham schools, colleges and universities.	NCC, Educational Institutes	✓	✓	✓	Staff Time	DLUHC (LLFA)
		3.2.2	Explore opportunities for sharing development opportunities between educational institutes and the university.	NCC, Educational Institutes	✓	✓	✓	Staff Time	DLUHC (LLFA)
		3.2.3	Review all existing documentation on responding to floods, refresh and publish as necessary.	NCC	✓			Staff Time	DLUHC (LLFA)
		3.2.4	Review current NCC communication plans during flooding events, refresh as required.	NCC	✓			Staff Time	DLUHC (LLFA)
	<b>Measure 3.3</b> Work with key delivery partners in ensuring new developments where possible incorporate flood resilience.	3.3.1	Engage with developers during pre-application phase to ensure flood resilience is a key consideration of the planning process.	NCC	✓	✓	✓	Staff Time	DLUHC (LLFA)
		3.3.2	Creation of bespoke planning requirements which incorporate considering flood resilient measures as part of all new development.	NCC	✓			Staff Time	DLUHC (LLFA)
		3.3.3	Research into best practice measures for flood resilience as a new consideration of best practice in the industry. Create documentation relevant to Nottingham City.	NCC	✓	✓		Staff Time	DLUHC (LLFA)
	<b>Measure 3.4</b> Ensure technology in flood monitoring is accessible and efficient across the city.	3.4.1	Review current use of telemetry systems across the city ensuring best value and relevant installation locations.	NCC	✓			Staff Time	DLUHC (LLFA)
		3.4.2	Undertake cyclical renewal programme of flood risk critical assets.	NCC	✓	✓	✓	£50k (annual)	LL, FDGiA, Capital, Revenue
		3.4.3	Implement expansion of telemetry network to more "at risk" locations through potential grant funding opportunities.	NCC	✓			£50k (annual)	LL, FDGiA, Capital, Revenue
		3.4.4	Explore data sharing potentials with other key RMAs to see where data we collect can inform partners.	NCC, All Partners	✓	✓	✓	Staff Time	DLUHC (LLFA)



		3.4.5	Investigate further technological advancements and their potential use in flood risk management.	NCC	✓	✓	✓	£25k (annual)	DLUHC (LLFA), Revenue
	<b>Measure 3.5</b> Work with other risk management authorities on key policies and strategies which promote long term resilience.	3.5.1	Respond to consultations from all key partners and risk management authorities and provide comments where appropriate around resilience measures.	NCC, All Partners	✓	✓	✓	Staff Time	DLUHC (LLFA)
		3.5.2	Support delivery of other key partners strategies of which influence Nottingham City.	NCC, All Partners	✓	✓	✓	Staff Time	DLUHC (LLFA)
		3.5.3	Work in partnership with Environment Agency supporting River Leen Strategy.	NCC, EA	✓	✓	✓	Staff Time	DLUHC (LLFA)
		3.5.4	Support work on national bodies and steering groups to promote resilience	NCC, All Partners	✓	✓	✓	Staff Time	DLUHC (LLFA)
		3.5.5	Continue to attend all relevant meetings and working groups such as MHA+ and LLFA Networking Meetings to provide input into policies and strategies.	NCC, All Partners	✓	✓	✓	Staff Time	DLUHC (LLFA)
		3.5.6	Support and promote Nottingham City's Carbon Neutral 2028 Adaptation and Resilience theme and the co-benefits of blue-green infrastructure for managing climate risks e.g. urban cooling	NCC	✓	✓		Staff Time	DLUHC (LLFA)
		3.5.7	Work in partnership with Severn Trent Water to support development of Drainage Water Management Plans (DWMPs), encouraging holistic management of surface water in priority risk areas.	NCC, STW	✓	✓		Staff Time	DLUHC (LLFA)
<b>Recovery</b>	<b>Measure 4.1</b> Support public communication and information sharing.	4.1.1	Support residents and communities with meetings and drop-in sessions.	NCC	✓	✓	✓	Staff Time	DLUHC (LLFA)
		4.1.2	Review all standard guidance and advice ensuring it is easy to understand and clear of technical language.	NCC	✓	✓		Staff Time	DLUHC (LLFA)
		4.1.3	Undertake statutory Section 19 investigations where agreed threshold has been met.	NCC	✓	✓	✓	Staff Time	DLUHC (LLFA)
		4.1.4	Review current communication channels to ensure all residents have access to relevant information.	NCC	✓	✓		Staff Time	DLUHC (LLFA)
	<b>Measure 4.2</b> Provide guidance and support on how to access potential funding grants and sources.	4.2.1	Review grant opportunities following flooding events, pass on relevant information to communities.	NCC	✓	✓	✓	Staff Time	DLUHC (LLFA)
		4.2.2	Provide guidance and advice to residents regarding funding processes where appropriate.	NCC	✓	✓	✓	Staff Time	DLUHC (LLFA)
		4.2.3	Work with national bodies following flooding events to feed into future planning and schemes for funding opportunities.	NCC	✓	✓	✓	Staff Time	DLUHC (LLFA)
	<b>Measure 4.3</b> Support colleagues and key partners during recovery phases.	4.3.1	Attending tactical co-ordination and recovery co-ordination groups during and following flooding events to provide insight, guidance and advice throughout the event.	NCC, All Partners, EP	✓	✓	✓	Staff Time	DLUHC (LLFA)
		4.3.2	Review how data is shared during flooding events ensuring a quick and efficient transfer of knowledge.	NCC	✓	✓		Staff Time	DLUHC (LLFA)
		4.3.3	Provide guidance to senior leadership following events to feed into recovery cells.	NCC	✓	✓	✓	Staff Time	DLUHC (LLFA)
	<b>Measure 4.4</b> Support wellbeing initiatives following flooding events.	4.4.1	Research resources relating to managing mental health following flooding, explore distribution of relevant materials to communities identified.	NCC	✓	✓		Staff Time	DLUHC (LLFA)
		4.4.2	Support flood action groups and recovery groups providing methods of accessing information and advice.	NCC	✓	✓		Staff Time	DLUHC (LLFA)
		4.4.3	Work with charities where possible.	NCC, Red Cross, Samaritans, etc	✓	✓	✓	Staff Time	DLUHC (LLFA)

Glossary	
Acronym	Full Name
NCC	Nottingham City Council
EP	Emergency Planning
EMCA	East Midlands Combined Authority
EA	Environment Agency
STW	Severn Trent Water
CrT	Canal and Rivers Trust
GBC	Gedling Borough Council
BBC	Broxtowe Borough Council
RBC	Rushcliffe Borough Council
ADC	Ashfield District Council
Nottinghamshire	Nottinghamshire County Council
NFF	National Flood Forum
Landowners	All private landowners
Communities	Residents and communities in Nottingham
All Partners	All key risk management authorities and key stakeholders
Educational Institutes	Nottingham Universities, Colleges and Schools
DHLUC	Department for Levelling Up, Housing and Communities
LLFA	Lead Local Flood Authority
LL	Local Levy
FDGiA	Flood Defence Grant in Aid
Trent RFCC	Trent Regional Flood and Coastal Committee
Capital	NCC capital contributions
S106	Section 106 contributions