

1. Introduction

This document presents two Flood Action Plans prepared by Flintshire County Council (FCC). The Flood Action Plans are based on Flintshire's Local Flood Risk Management Strategy (LFRMS), which also includes their Flood Risk Management Plan (FRMP). Each plan sets out actions FCC propose to deliver over the life of their LFRMS to ensure each objective is achieved.

Each flood action has an associated timescale and cost for delivery. The timeline is determined by priority, the scope of work involved and the resources available. The indicative costs and timescales are detailed below:

Timescales

- Short Term: 0 - 2 years
- Medium Term: 3 - 5 years
- Long Term: 6 - 10 years

Cost

- Existing Resources (ER): No cost implication, within current budgets
- Very Low Cost: £0 - £10,000
- Low Cost: £10,001 - £30,000
- Medium Cost: £30,001 - £100,000
- High Cost: £101,000 - £500,000
- Very High Cost: £500,000 +

Policy Action Plan

The Policy Action Plan sets out the proposed actions which will have an overarching effect on the whole of the county. Actions include developing new policies in relation to flood risk management, improving the SAB application process and facilitating collaboration. Actions do not include site specific or regional works to manage flood risk.

Community Specific Action Plan

The Community Specific Action Plan has been prepared based on the outputs of the FRMP. At risk areas of flooding have been identified based on the number of assets affected as well as the assigned risk classification. Each area has been reviewed, with specific actions identified.

2. Policy Action Plan

Ref	Action	Timescale	Cost (£)	Benefits	Funding	Progress to date (Jan 2025)
01	Review and update draft byelaws prepared by WLGA and consider adoption in Flintshire	Short	ER / Very low	<ul style="list-style-type: none"> Reduce inappropriate development Reduce flood risk to communities Ease SAB process for developers / planners 	<ul style="list-style-type: none"> Revenue funding Potential to generate income: OWR 	<ul style="list-style-type: none"> Review of WLGA byelaw list underway
02	Enhance flood incident mapping capabilities using the Councils internal Flood Risk Management GIS System.	Short	Very low	<ul style="list-style-type: none"> Support flood investigations Support funding applications for capital works 	<ul style="list-style-type: none"> Revenue funding Potential to generate income: capital schemes 	<ul style="list-style-type: none"> A georeferenced digital database of reported internal property flooding to support investigations and funding applications is being compiled
03	Develop and review the Councils Register of Assets with significant impact on local flood risk (FCC & 3rd Party Assets)	Ongoing	ER / Very Low	<ul style="list-style-type: none"> Reduce flood risk to communities by improved asset management 	<ul style="list-style-type: none"> Revenue funding 	<ul style="list-style-type: none"> All FCC assets have been modelled to assess associated flood risk Further work is required to identify 3rd party assets of interest
04	Implement a programme for monitoring the management of those assets contained in the "Register of Assets with significant impact on local flood risk" by their respective owners (includes 3rd parties)	Ongoing/ Medium	ER	<ul style="list-style-type: none"> Reduce flood risk to communities 	<ul style="list-style-type: none"> Revenue funding 	<ul style="list-style-type: none"> FCC highway assets currently maintained by StreetScene other 3rd party assets are maintained by their owner i.e. NRW assets are owned/maintained by NRW
05	Develop a framework for collaboration agreements with other RMAs to optimize the use of Section 14 powers under the FWMA 2010.	Long	Very low	<ul style="list-style-type: none"> Statutory duty Reduce flood risk to communities 	<ul style="list-style-type: none"> Revenue funding 	<ul style="list-style-type: none"> Ongoing multi-agency meetings
06	Maintain a collaborative multi-agency approach with other RMAs to tackle local flood and drainage challenges. Utilising external flood toolkits / support as appropriate (FloodHub).	Ongoing	ER	<ul style="list-style-type: none"> Statutory duty Reduce flood risk to communities 	<ul style="list-style-type: none"> Revenue funding 	<ul style="list-style-type: none"> Ongoing multi-agency meetings

Ref	Action	Timescale	Cost (£)	Benefits	Funding	Progress to date (Jan 2025)
07	Consider alternative external funding opportunities and seek to maximise through promoting multiple benefits.	Medium	ER	<ul style="list-style-type: none"> Reduce flood risk to communities 	<ul style="list-style-type: none"> Revenue funding Potential to generate income: capital schemes 	<ul style="list-style-type: none"> 11 No. EOIs submitted to NRW for capital schemes (2025/2026) 5 No. EOIs submitted to NRW for small scale works (2025/2026)
08	Improve collaboration between LLFA and other internal FCC teams to support and blue-green infrastructure corridors.	Medium	ER	<ul style="list-style-type: none"> Reduce flood risk to communities Environmental and community benefits 	<ul style="list-style-type: none"> Revenue funding 	
09	Bid for external funding to support nature-based solutions pilot projects to encourage the adoption of nature-based solutions.	Short	Medium	<ul style="list-style-type: none"> Reduce flood risk to communities Environmental and community benefits Adds to academic knowledge base 	<ul style="list-style-type: none"> Revenue / capital match funding Potential to generate income: capital schemes 	<ul style="list-style-type: none"> 7No. bids made to NRW for Nature Based Solutions funding (2025 / 2026)
10	Continue to support the resilience forum with required updates and implementation of the FCC MARP	Ongoing	ER	<ul style="list-style-type: none"> Reduce impact of flooding to communities 	<ul style="list-style-type: none"> Revenue funding 	<ul style="list-style-type: none"> Ongoing meetings to discuss current arrangements and plans to update Reservoir emergency draw down plan
11	Develop and implement a LLFA Communication Strategy e.g. community-based awareness and engagement activities and public feedback channels	Short	Very low	<ul style="list-style-type: none"> Improved awareness of flood risk roles and responsibilities. 	<ul style="list-style-type: none"> Revenue funding 	<ul style="list-style-type: none"> Public events being held for ongoing FCERM schemes.
12	Regularly update the council website to ensure current and accurate information is available to the public e.g. Councils policies and procedures.	Short	ER	<ul style="list-style-type: none"> Improved awareness of flood risk roles and responsibilities. Improved awareness of ongoing projects. 	<ul style="list-style-type: none"> Revenue funding 	<ul style="list-style-type: none"> Review is being undertaken of the LLFA / FCERM pages in collaboration with StreetScene and planning teams
13	Create clear and accessible education materials available on Council website, including signposting to best practice SUDS guidance, PFR measures, riparian responsibilities etc.	Short	ER	<ul style="list-style-type: none"> Improved awareness of flood risk roles and responsibilities. 	<ul style="list-style-type: none"> Revenue funding 	<ul style="list-style-type: none"> As an interim measure FloodHub guidance is being utilised as required

Ref	Action	Timescale	Cost (£)	Benefits	Funding	Progress to date (Jan 2025)
14	Review drainage statements - planning	Short	Medium	<ul style="list-style-type: none"> • Make appropriate space for water on developments • Reduce flood risk to communities • Environmental and community benefits • Reduce delays in the SAB process • Reduce the need for enforcement 	<ul style="list-style-type: none"> • Revenue funding 	<ul style="list-style-type: none"> • Other LLFAs have commenced this in line with TAN15 guidance. This seems to be the missing piece of the SAB process and should lead to early engagement and less need for enforcement.
15	Introduce a chargeable SAB pre app service	Short	ER / Very low	<ul style="list-style-type: none"> • Make appropriate space for water on developments • Reduce flood risk to communities • Environmental and community benefits 	<ul style="list-style-type: none"> • Revenue funding • SAB application fees 	<ul style="list-style-type: none"> • An agreed schedule of fees – across North Welsh SABs
16	Develop and Implement SAB Management System, to manage SAB application, integrating with the planning process.	Short	TBC	<ul style="list-style-type: none"> • Reduce delays in the SAB process • Reduce flood risk to communities • Environmental and community benefits 	<ul style="list-style-type: none"> • Revenue funding 	<ul style="list-style-type: none"> • Work ongoing with external consultants and collaboratively with other North Welsh SABs
17	Development of North Wales SAB technical guidance document for developers/residents with an appendix detailing Flintshire specific SUDs/SAB arrangement.	Short	Low	<ul style="list-style-type: none"> • Reduce flood risk to communities • Environmental and community benefits 	<ul style="list-style-type: none"> • Revenue funding 	<ul style="list-style-type: none"> • North Wales SAB guidance compiled.
18	Consider flagging SAB sites on CON29 register to deter inappropriate development prior to SAB approval.	Ongoing	ER / Very low	<ul style="list-style-type: none"> • Reduce the need for enforcement • Assist property buyers • Reduce flood risk to communities 	<ul style="list-style-type: none"> • Revenue funding 	<ul style="list-style-type: none"> • Prospect is yet to be discussed with the CON29 team, feasibility needs to be confirmed
19	Extend Councils' enforcement procedures to allow for appropriate enforcement by the Council as a SAB.	Short	ER / Very low	<ul style="list-style-type: none"> • Reduce flood risk to communities 	<ul style="list-style-type: none"> • Revenue funding 	<ul style="list-style-type: none"> • Internal FCC enforcement procedures will be reviewed first. The procedures of leading authorities in the south e.g. RCT with a review to adopting a robust approach
20	Develop a strategy for FCERM / drainage skills retention and development within the Council	Medium	ER / Very low	<ul style="list-style-type: none"> • Retain and develop inhouse skills • Delivery of duties under FWMA 2010 / LDA 1991 	<ul style="list-style-type: none"> • Revenue funding 	<ul style="list-style-type: none"> • Support CPD and membership of relevant accredited professional bodies (CIWEM/ICE etc)

Ref	Action	Timescale	Cost (£)	Benefits	Funding	Progress to date (Jan 2025)
21	Develop apprenticeship / degree placement opportunities within the Councils FCERM department	Medium	Very low	<ul style="list-style-type: none">Retain and develop inhouse skillsDelivery of duties under FWMA 2010 / LDA 1991	<ul style="list-style-type: none">Revenue funding	<ul style="list-style-type: none">One staff member currently benefitting from support with obtaining a degree at a local university
22	Carry out high level strategic review of flooding incidents and mapped flood risk across Flintshire to determine a strategic approach to capital delivery	Medium	Medium	<ul style="list-style-type: none">Evidence based decision making.Promote proactive FRM.	<ul style="list-style-type: none">Small Scale GrantRevenue Funding	<ul style="list-style-type: none">Commencement of recorded flood history assessment.

3. Community Specific Action Plan

Ref	Action	Location	Timescale	Cost (£)	Funding options	Progress to date (Jan 2025)
01	Funding application to develop potential SOC and/or BJC/OBC	Bagillt	Medium	Medium	<ul style="list-style-type: none"> FCERM Programme 	
02	Continuation of OBC aiming to lead to potential Capital Works Programme.	Bretton	Short	Medium	<ul style="list-style-type: none"> FCERM Programme 	
03a	Continuation of OBC aiming to lead to potential Capital Works Programme.	Broughton	Short	Medium	<ul style="list-style-type: none"> FCERM Programme 	<ul style="list-style-type: none"> Development of OBC in progress.
03b	Construction Phase of local trash screen improvement works	Broughton	Short	Medium	<ul style="list-style-type: none"> Small Scale Grant 	<ul style="list-style-type: none"> Detailed design being finalised.
04	Detailed Design and Construction Phase of surface water reduction scheme	Buckley	Short	High	<ul style="list-style-type: none"> Small Scale Grant Revenue Funding 	
05	Funding application to develop SOC and/or potential BJC/OBC	Caergwrle	Medium	Medium	<ul style="list-style-type: none"> FCERM Programme 	
06	Carry out assessment to understand local flood history and flood risk	Cilcain	Long	Low	<ul style="list-style-type: none"> Small Scale Grant Revenue Funding 	
07	Funding application to develop SOC and/or potential BJC/OBC	Connahs Quay	Medium	Medium	<ul style="list-style-type: none"> FCERM Programme 	
08	Carry out assessment to understand local flood history and flood risk	Dee Estuary	Long	Low	<ul style="list-style-type: none"> Small Scale Grant Revenue Funding 	
09	Funding application to develop SOC and/or potential BJC/OBC	Flint	Medium	Medium	<ul style="list-style-type: none"> FCERM Programme 	

Ref	Action	Location	Timescale	Cost (£)	Funding options	Progress to date (Jan 2025)
10	Funding application to develop SOC and/or potential BJC/OBC	Greenfield	Medium	Medium	<ul style="list-style-type: none"> FCERM Programme 	
11	Continuation of OBC aiming to lead to Capital Works Programme.	Hendre	Short	Medium	<ul style="list-style-type: none"> FCERM Programme 	<ul style="list-style-type: none"> Development of OBC in progress.
12a	Continuation of OBC aiming to lead to Capital Works Programme.	Mold	Short	Medium	<ul style="list-style-type: none"> FCERM Programme 	<ul style="list-style-type: none"> Development of OBC in progress.
12b	Continuation of small-scale grant scheme project	Mold	Short	Medium	<ul style="list-style-type: none"> Small Scale Grant Revenue Funding 	<ul style="list-style-type: none"> Project development in progress.
12c	Continuation of PBC aiming to lead to Capital Works Programme.	Mold	Medium / Long	Very High	<ul style="list-style-type: none"> FCERM Programme 	<ul style="list-style-type: none"> Project development in progress.
13	Phase II improvement works	Padeswood	Short	Medium	<ul style="list-style-type: none"> Small Scale Grant Revenue Funding 	
14	Carry out assessment to understand local flood history and flood risk	Pontybodkin	Long	Low	<ul style="list-style-type: none"> Small Scale Grant Revenue Funding 	
15	Carry out assessment to understand local flood history and flood risk	Pontyblyddyn	Long	Low	<ul style="list-style-type: none"> Small Scale Grant Revenue Funding 	
16	Continuation of OBC aiming to lead to Capital Works Programme.	Sandycroft	Short	Medium	<ul style="list-style-type: none"> FCERM Programme 	<ul style="list-style-type: none"> Development of OBC in progress.
17	Funding application to develop SOC and/or potential BJC/OBC	Treuddyn	Medium	Medium	<ul style="list-style-type: none"> FCERM Programme 	