

Local Flood Risk Management Strategy & Action Plan

Appendix A – Our Flood Action Plan

CARDIFF COUNCIL 2024

Mae'r ddogfen hon ar gael yn Cymreig/
This document is available in Welsh



STRONGER
FAIRER
GREENER



Appendix A

Contents

Introduction	.....	3
City Wide	.....	4
Flat Holm Island	.....	6
River Ely	.....	7
River Rhymney	.....	8
River Taff	.....	9

Introduction

Cardiff Council Flood Action Plans

As explained in section 5 of the strategy, Cardiff Council has utilised a catchment based approach adopting the catchments of the three main rivers that flow through the city, namely the Ely, Taff and Rumney. This is for ease of understanding and also for collaboration with NRW, allowing for the intergration of flood risk management throughout the city.

There are five flood actions plans to accompany the strategy which can be viewed below.

The catchments are as follows:

- City Wide
- Flatholm Island
- River Ely
- River Rhymney
- River Taff

All actions have measurable attributes against them, including indicitive costs and time scales.

CITYWIDE

Reference	Action	Location	Action Type	Links to LFRMS Measures	Timescale	Cost	Funding Options	Status
CDFA1	Improve and maintain Cardiff Councils Flood Risk Page. Advising on mitigation, action and recovery measures pre, during and post flood	City Wide	Preparedness, Review	13,14,17,20,21	Short	Low	Welsh Government Revenue / Internal	Not Started
CDFA2	Develop and adopt a surface water management policy in line with Tan 15 guidance	City Wide	Preparedness	1,2,3,4,5,6	Short	Low	Internal	Not Started
CDFA3	Maintain and update flood risk asset database as required under Section 21 of The Flood and Water Management Act 2010	City Wide	Preparedness	8	Short	Low	Welsh Government Revenue / Internal	Ongoing
CDFA4	Supply flood risk asset data to interested stakeholders and other RMA's	City Wide	Preparedness, Review	19,22	Short	Low	Internal	Ongoing
CDFA5	Review and maintain Cardiff Council flooding emergency response plan with the councils Resilience Unit	City Wide	Preparedness, Review	1,6,13,14,17,18,20,21,22	Short	Low	Internal	Ongoing
CDFA6	Assist NRW where required in the mitigation of flood risk from Main River sources, i.e. River Ely, River Rhymney and River Taff	City Wide	Alleviate	1,19,22	Short	Low	Internal	Ongoing
CDFA7	Assist local communities in developing community level local flood risk groups	City Wide	Preparedness, Alleviate, Review	19,20,21	Short	Low	Welsh Government Revenue / Internal	Ongoing
CDFA8	Provide education facilities with presentations and resources around flooding and climate change to feed into the new curriculum	City Wide	Educate	1,17,20,21,22,24,25	Short	Low	Internal	Ongoing
CDFA9	Work with Dwr Cymru Welsh Water for the removal of surface water from public sewerage systems through surface water removal schemes and SAB approvals	City Wide	Preparedness, Alleviate	3,9,19,22,23	Short	Medium /High	Internal	Ongoing
CDFA10	Ensure any best practice is incorporated into any Section 19 flood investigation reports	City Wide	Review	13,14	Short	Low	Internal	Ongoing
CDFA11	Maintain Cardiff Council telemetry to capture real time rainfall and water level information	City Wide	Preparedness, Review	14,16	Short	Low / Medium	Welsh Government Revenue / Internal	Ongoing

CDFA12	Enhance and maintain a long-term Capital flood alleviation scheme pipeline adhering to Welsh Governments Business Case Guidance	City Wide	Preparedness, Alleviate	15,22	Short / Medium / Long	Low / Medium	Welsh Government Capital / Internal	Ongoing
CDFA13	Update Cardiff Council Culverting policy	City Wide	Preparedness	6,7,9,16,26	Short	Low	Internal	Ongoing
CDFA14	Update Cardiff Council Sandbag policy	City Wide	Preparedness	6	Short	Low	Internal	Ongoing
CDFA15	Develop and maintain Ordinary watercourse guidance	City Wide	Preparedness	6,12,26	Short	Low	Internal	Not Started
CDFA16	Assist in the development and maintenance of Cardiff Council Green Infrastructure Plan	City Wide	Preparedness	2	Short	Low	Internal	Ongoing
CDFA17	Review adopted Flood Risk strategy and associated action plans every 2 years	City Wide	Preparedness, Review	4,6	Short	Low	Welsh Government Revenue / Internal	Ongoing
CDFA18	Assist Cardiff Council Planning Authority in the development of the SFCA and replacement LDP	City Wide	Preparedness, Review	2,5,6,10	Medium	Low	Internal	Ongoing
CDFA19	Maintain Cardiff Councils Shoreline management plan	City Wide	Preparedness, Review	4,6	Short / Medium	Low	Welsh Government Revenue / Internal	Ongoing
CDFA20	Ensure the adopted shoreline policy of "hold the line" is adhered to	City Wide	Preparedness, Review	4,6	Short / Medium	Medium / High	Welsh Government Revenue / Capital / Internal	Ongoing
CDFA21	Develop flood risk policy / process / understanding with neighboring RMA's	City Wide	Preparedness, Review	20,22	Short	Low	Internal	Not Started

Figure 1. Citywide Action Plan

FLAT HOLM ISLAND

Reference	Action	Location	Action Type	Links to LFRMS Measures	Timescale	Cost	Funding Options	Status
FLH1	Undertake a T98 Asset survey for whole coastline as required by shoreline management plan	Flat Holm	Review	8,22	Short	Low	Internal	Not Started

Figure 2. Flat Holm Island Action Plan

RIVER ELY

Reference	Action	Location	Action Type	Links to LFRMS Measures	Timescale	Cost	Funding Options	Status
ELY1	Working with residents at Wroughton Place to develop a local flood risk group	Ely	Preparedness, Alleviate, Review	20,21	Short	Low	Internal	Not Started
ELY2	Working with St Fagans Community Council to develop a local flood risk group	St Fagans	Preparedness, Alleviate, Review	20,21	Short	Low	Internal	Not Started

Figure 3. River Ely Action Plan

RIVER RHYMNEY

Reference	Action	Location	Action Type	Links to LFRMS Measures	Timescale	Cost	Funding Options	Status
RHY1	Construction of Coastal Defences on Rhymney Estuary	River Rhymney Estuary	Alleviate	1,15	Medium	High	Welsh Government Capital / Internal	Ongoing
RHY2	Climate Change and Flood Risk School Talks	Rumney	Educate	1,20,21,22	Short	Low	Internal	Ongoing
RHY3	Greener Rumney FBC	Rumney	Alleviate	1,15,19	Short	Medium	Welsh Government Capital / Internal	Ongoing
RHY4	Greener Rumney Construction	Rumney	Alleviate	1,15,19	Medium	High	Welsh Government Capital / Internal	Not Started

Figure 4. River Rhymney Action Plan

RIVER TAFF

Reference	Action	Location	Action Type	Links to LFRMS Measures	Timescale	Cost	Funding Options	Status
TAF1	Partake in the River Taff Catchment Masterplan alongside NRW and other RMA's	River Taff	Preparedness, Alleviate, Review	1,20,21,22	Medium	Low	Welsh Government Revenue / Internal	Ongoing
TAF2	Greener Whitchurch Full Business Case / Detailed Design	Whitchurch	Alleviate	1,15,19	Short	Medium	Welsh Government Capital / Internal	Ongoing
TAF3	Greener Whitchurch Construction	Whitchurch	Alleviate	1,15,19	Medium	High	Welsh Government Capital / Internal	Not Started
TAF4	Radyr Court Road BJC	Llandaff	Alleviate	1,15,19	Short	Low	Welsh Government Capital / Internal	Ongoing
TAF5	Radyr Court Road Construction	Llandaff	Alleviate	1,15	Medium	High	Welsh Government Capital / Internal	Not Started
TAF6	Nant Y Wedal OBC	Heath	Alleviate	1,15,19	Short	Low	Welsh Government Capital / Internal	Ongoing
TAF7	Nant Y Wedal FBC	Heath	Alleviate	1,15,19	Medium	Medium	Welsh Government Capital / Internal	Not Started
TAF8	Nant Y Wedal Construction	Heath	Alleviate	1,15	Long	High	Welsh Government Capital / Internal	Not Started

Figure 5. River Taff Action Plan