

# Flood and Coastal Erosion Risk Management Capital Investment Programme (2021-2027)

## Product Description

March 2021

### DESCRIPTION OF DATASET

The map shows information from the new Flood and Coastal Erosion Risk Management (FCERM) six year Capital Investment Programme (1 April 2021- 31 March 2027). The programme aims to reduce the risk of flooding from rivers, sea, groundwater or surface water and/or to reduce the risks from coastal erosion. The map shows schemes which have an allocation of Grant in Aid (GIA) funding for the first year of the programme.

Commitments to specific allocations of central government FCERM - GiA funding to projects will be reviewed at least annually. This is based on submissions from all risk management authorities which are then prioritised by the Environment Agency and consented by Regional Flood and Coastal Committees. The amounts payable beyond the 2021-22 financial year will be confirmed and allocated on a project by project basis. Local authority and internal drainage board project payments will be in line with the Ministry for Housing, Communities and Local Government rules for the allocation of funding.

The indicative funding allocation is subject to change and may be re-profiled to ensure the overall programme remains affordable and efficient. This will ensure that any unused contingency and efficiencies can be effectively applied to support accelerated delivery of the programme. The programme is subject to change during the year as projects may be subject to delay (for example through extreme weather events) or brought forward (for example in response to additional funding). New projects not in the programme may also start during the year where, for example when emergency works are required.

### PURPOSE

The schemes listed (excluding completed schemes) are those that contain an indicative allocation of FCERM Grant in Aid funding within the 2021-22 period.

Schemes listed fall into 4 categories. The first three stages reflect increasing levels of certainty around the development and delivery of individual schemes. This detail enables our supply chain to better support the Environment Agency and its partners in identifying where additional efficiencies or delivery improvements could be introduced.

1. In Development: These scheme proposals are likely to qualify for some government funding before 2022 and have been given an indicative allocation. However they have not yet identified sufficient contributions and/or do not have a sufficiently well-developed case to progress at this stage. In development schemes will be regularly reviewed to take full advantage of any opportunities to accelerate their delivery.
2. Approaching Construction: These schemes are expected to start construction in future years. Costs for these schemes are indicative as they are still being confirmed, and will be updated in future updates of the published programme. Schemes are only introduced into the approaching construction stage if they have a case for government support in the construction stage.
3. In Construction: Schemes in construction as of 01 April 2021. An indicative funding allocation is made through to completion for schemes entering the construction stage. Note: Some schemes show completion dates in the past. Whilst these schemes may be complete there is a residual spend which could be for a variety of reasons.
4. Completed Schemes: These schemes have better protected homes from flooding or coastal erosion. Some of these schemes may not be entirely complete but deliver in phases.

All cost information is provided in £k and is correct as at February 2021. Figures are based on the current most likely costs at 2021-22 prices.

The scheme information in these programmes has been provided by the Environment Agency, local authorities, internal drainage boards, water companies and highways authorities, who all have responsibilities for flood and coastal erosion risk management in England.

Scheme Project type is designated as Capital Maintenance, Defence or Property Level Protection .

Capital Maintenance – Work that reinstates the Standard of Service of a FCERM asset in full, and its original design life.

Defence - Works to change the current standard of service or create new FCERM asset(s)

Property Level Protection - Refers to making a property more resilient to internal flooding by installing measures to reduce flood risk.

## BACKGROUND

- Schemes shown are those that contain an indicative allocation of FCERM grant in aid funding within 2021-22.
- Data is updated in March on an annual basis and managed and maintained by local experts.

## DATASET DETAILS

customer service line  
03708 506 506

incident hotline  
0800 80 70 60

floodline  
0345 988 1188  
0845 988 1188

[www.gov.uk/environment-agency](http://www.gov.uk/environment-agency)

**Viewable on a map - <https://environment.data.gov.uk/asset-management/index.html>**

Enter your postcode, or zoom to a location using the mapping tools to find out whether a flood defence scheme is planned near you and when it is planned to take place. Also you can check if a scheme has recently been completed.

**Accessible via API - <https://environment.data.gov.uk/asset-management/doc/reference>**

There are various API links available and offer both JSON and HTML views of the data. Note that the HTML views are offered as an aid to debugging and development, they are not intended for presentation to consumers. All Uniform Resource Identifier (URI) are relative to the service base URI of <http://environment.data.gov.uk/asset-management>.

In the case of items with associated geometries (i.e. assets) geojson format is also supported.

See Appendix A for list of available attributes.

The table below provides a brief summary of the APIs available.

What	API	Parameters
List assets	id/asset	assetType={type} assetSubType={type} primaryPurpose={value} protection-type={value} search={label-text} _view=default full lat=y&long=x&dist=dkm
	[json] [html] [geojson]	
Details on a single asset	id/asset/{id}	
	[json] [html] [geojson]	
List maintenance activities	id/maintenance-activity	maintainedAsset={asset} activityType={type} activitySubType={type} westminsterConstituency={oscode}
	[json] [html]	
List maintenance activities related to a particular asset	id/asset/{id}/maintenance-activity	
	[json] [html]	
Details on a single activity	id/maintenance-activity/{id}	
	[json] [html]	

## USING THE PRODUCT

Key Strengths	<ul style="list-style-type: none"> <li>• Single source of most current EA FCERM capital investment programme</li> <li>• Searchable using postcode or via the map</li> </ul>
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	<ul style="list-style-type: none"> <li>National (England) coverage</li> <li>Updated annually</li> </ul>
Key Limitations	<ul style="list-style-type: none"> <li>Map locations may not be exact but are indicative of the location of the flood defence scheme. This is particularly relevant where the scheme is not specific to a point on the map e.g. a linear sea wall.</li> </ul>
Companion Datasets	<ul style="list-style-type: none"> <li>Completed Schemes</li> <li>Spatial Flood Defences</li> <li>Maintenance Programme</li> </ul>

#### DATA ACCESS

- It can be downloaded free with an Open Government Licence as Open Data
- Direct link <https://environment.data.gov.uk/asset-management/index.html>
- If you have any questions or would like to find out more please contact [data.info@environment-agency.gov.uk](mailto:data.info@environment-agency.gov.uk)

Approval for Access number	AfA514
EA Metadata Identifier	1d94f074-cab1-4491-8575-82dfcf61bb24
National Custodian	Andrew Oram (FCRM Manager)

#### IMPROVEMENTS / UPDATE FREQUENCY

Updated annually in April

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# Appendix A

## Attribute list

ID	ATTRIBUTE NAME	ATTRIBUTE DESCRIPTION
1	NPN	National Project Number
2	Project Name	Name of Project
3	Office of National Statistics Region	Office of National Statistics Region
4	Regional Flood and Coastal Committee	Name of Regional Flood and Coastal Committee
5	Environment Agency Area	Name of Environment Agency Area
6	Parliamentary Constituency	Name of Parliamentary Constituency
7	County	Name of County
8	Local Authority	Name of Local Authority
9	Lead Risk Management Authority Name	Lead Risk Management Authority name
10	Project Stage	Stage at which project is at in its lifecycle
11	Forecast Construction Start	Forecast Construction Start year
12	Forecast Construction Completion	Forecast when scheme will be ready for service
13	Project Type	Project type classification
14	Risk Source	Type of Risk for which scheme is to protect against
15	Government Investment 2021/22 (£k)	Grant in Aid allocation for 2021/22 (£k)
16	Contributions 2021/22 (£k)	Value of partnership funding 2021/22 (£k)
17	Government indicative investment 2021/22-2026/27 (£s)	Government indicative investment 2021/22-2026/27 (£s)
18	Indicative contributions 2021/22-2026/27 (£s)	Indicative contributions 2021/22-2026/27 (£s)
19	Homes better protected from Flooding and Coastal Erosion by 2021/22	Total homes better protected from Flooding and Coastal Erosion by 2021/22
20	Homes better protected from Flooding and Coastal Erosion on scheme completion	Total homes better protected from Flooding and Coastal Erosion on scheme completion
21	NGR	National Grid Reference
22	Easting	Easting (to help display the data as points)
23	Northing	Northing (to help display the data as points)