


Contact Us

You can keep in touch with the project through our website where we will be posting updates on progress and details of ongoing works.

For further enquiries feel free to contact us via email or post at:

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Relevant Links

 www.floodinfo.ie/dundalkfrs



Dundalk & Ardee

FLOOD RELIEF SCHEME

Newsletter No. 03

February 2023

PROJECT NEWS

Binnies and Nicholas O'Dwyer together with the Office of Public Works and Louth County Council, are progressing with Stage I of the Dundalk and Ardee Flood Relief Scheme which includes the identification and development of a preferred scheme to alleviate flooding in the towns of Dundalk, Blackrock and Ardee.

CURRENT PROGRESS

Emerging Options Public Consultation Day for Ardee was held on 25th November. Newspaper ads and online content were published on Dundalk Democrat, the Argus, demarcate for 18th November as well as a radio advert on LMFm for 24th November.

Public attendance on the day did not meet the expectations. The project website portal closed on 13th December with no submissions or comments received. The material displayed presented the current flood risks and potential options. This presentation is available under the project website's [Public Engagement Section](#). Sustainability and Biodiversity solutions were shown as a part of the options, demonstrating how the Scheme could provide possible public amenity and positive biodiversity.

The results of a Multi-Criteria Analysis and a Cost Benefit analysis have now informed the emerging preferred design for Ardee. Option A which includes online flood storage area and culvert upgrades is at this stage considered as the emerging preferred option

Additional CCTV and topographic surveys were conducted in Dundalk to obtain further information for inclusion into the hydraulic modelling. The Dundalk hydraulic model is now revised to incorporate this survey data and to simulate all the known interconnections for the provision of the best representation of the flooding mechanisms and impacts.

The results of the hydraulic model will be presented in a revised Hydraulic Model Report accompanied with flood extent and flood depth maps.

NEXT STEPS

Detailed environmental surveys and reports have been completed for the Ardee and Dundalk study areas. These include Archaeological, Architectural and Cultural Heritage, Protected Mammals, Snail Surveys and Bat surveys.

The survey outputs will inform the Environmental Assessments of the two schemes. Geomorphology, soils and geology surveys are ongoing in Ardee based on the Scheme's emerging options.

We will conduct further environmental assessments to aid us in our understanding of any potential impacts following the identification of the options.

This information will then be used to identify mitigation measures alongside environmental opportunities for both the Dundalk and Ardee flood relief schemes.

We will be continuing to assess the Greenway Design in tandem with potential flood relief options along the coastline of Dundalk and Blackrock.

The first draft of the Wave Overtopping Analysis and Assessment along the Dundalk and Blackrock Coast has been completed for a range of design event probabilities.

This provides key information on the impact of the flooding mechanisms and feeds into the assessment of the long list of options along the Dundalk coast which are in progress



Figure 2 - Flood gates facing southwest.



Figure 3 - Blackrock main street and sea wall / promenade

PROJECTED KEY MILESTONE DATES

Ardee FRS:

DATE	MILESTONE	INFORMATION
March 2023	Options Assessment	Reporting on the development of Ardee's flood defence options
May 2023	Scheme Development	Selection, development and design of a preferred option
July 2023	Environmental Impact Assessments	NIS and EIAR screening
December 2023	End of Stage I	Completion of all steps required to progress to Stage II - Planning

Dundalk FRS:

DATE	MILESTONE	INFORMATION
March 2023	Hydraulics Analysis	Continued hydraulic analysis, utilising additional CCTV and topographic information
November 2023	Options Assessment	Reporting on the developments of Dundalk's flood defence options
April 2024	Scheme Development	Selection, development and design of a preferred option with a greenway
May 2024	Environmental Impact Assessments	Targeted Environmental Surveys and desk studies.
January 2025	End of Stage I	Completion of all necessary steps required to progress to Stage II - Planning