



Oifig na nOibreacha Poiblí  
Office of Public Works



Rialtas na hÉireann  
Government of Ireland

Tionscadal Éireann  
Project Ireland  
2040



# Cavan Town Flood Relief Scheme



## Newsletter 08 August 2024

### IN THIS ISSUE

This Newsletter covers the preceding three months before August 2024. Previous Newsletters are accessible on the Project Website.

#### Surveys, Hydrology, Hydraulic Modelling & Environmental Work

Outlines Progress.

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#### Stakeholder Engagement & Project Timeline

Outlines upcoming events and the project timeline.

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#### What's Next?

Outlines future works that will be carried out.

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## Surveys

A Ground Investigation Tender pack has been prepared. On completion of the Archaeological Impact Assessment (AIA), this tender pack can be updated for tendering purposes. The AIA is required to help mitigate potential negative effects from the Ground Investigations on their surrounding environs.

When the full model quality assurance is completed, Arcadis will progress using the model to run several flood event scenarios to determine areas of flood risk and potential future risk by incorporating a percentage additional flow to account for climate change. For flood Schemes under OPW Guidelines in Ireland, 20% is added to the calculated flows for the Mid-Range Future Scenario (MRFS) and 30% for the High-End Future Scenario (HEFS).



## Hydrology

A revision of the draft hydrology report is currently being prepared.

Once the scenario runs are completed and extents of floodings are verified, the team can implement numerous flood relief measures into the model to determine adequate options to alleviate flood risk in the scheme area.

## Hydraulic Modelling

The hydraulic model for the Cavan River, Greenlough and adjoining tributaries has been developed using surveyed boundary conditions and inflow data from the draft hydrology report.

## Environmental Work

The next Alien Species (IAS) treatment is scheduled for October 2024. Good results from previous treatment is evident from the reduced number of occurrences and limited new growth of IAS.

Surveys carried out during the last period are:

- Electrofishing
- White Claw Crayfish
- Water Sampling, Q-Values, invertebrates
- Fish habitats
- Nesting Birds

A Summary Report on the Electrofishing Survey was issued to Inland Fisheries Ireland. This was a condition set by IFI for granting the Electrofishing License.

The following surveys are to be undertaken nearer to optioneering for a refined scope.

- Air Quality and Climate
- Noise and Vibration
- Landscape and Visual

Cultural Heritage Report and Constraints Report were issued to the Client. Ongoing with comments and responses.



## Stakeholder Engagement

It is anticipated that a Collaborative Workshop will be held later in 2024. A number of public stakeholder bodies will be engaged to collaborate, do brainstorming, and exchange ideas on how to achieve the project objective while also incorporating other outcomes at the same time into this project.

Some Stakeholders were identified and engaged with during late 2023 with regards to Nature-based Solutions for Catchment Management for the Cavan Town Flood Relief Scheme. These stakeholders will also be invited to the Collaborative Workshop.

## Project Timeline

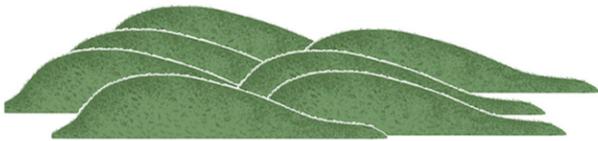
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Stage 1	Option Assessment, Scheme Development and Design	█	█	█	█	█						
Stage 2	Planning / Development Consent					█	█					
Stage 3	Detailed Construction Design and Tender						█	█				
Stage 4	Construction Supervision							█	█	█		
Stage 5	Handover of Works									█	█	█

## What's Next?

Most of the current project activities will continue over the next few months, including, but not only:

- Specialist Environmental Surveys continue.
- Progress Hydraulic Modelling.
- Collaborative Workshop.
- Ground Investigation Tender and Appointment.

### CAVAN TOWN FLOOD RELIEF SCHEME



## Contact Us

If you would like to contact our Project Team about any matter relating to the Cavan Town Flood Relief Scheme you can do so through the following:

### Email

[CavanTownFRS@Ayesa.com](mailto:CavanTownFRS@Ayesa.com)

### Post

Project Manager: Cavan Town FRS  
Ayesa  
Building 2100  
Cork Airport Business Park  
Kinsale Road  
Cork, T12 KV8R

### Phone

+353 (0) 21 240 7988

If you would like any further information on the Scheme, please visit our website:

<https://www.floodinfo.ie/frs/en/cavan-town/home/>