

Ballinasloe

FLOOD RELIEF SCHEME

Opening Public Consultation Day

BRIEFING TO PUBLIC
REPRESENTATIVES

5th March 2020



Alan Leen, Arup (Project Manager)



OPW

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Office of Public Works



Comhairle Chontae na Gaillimhe
Galway County Council



Tionscadal Éireann
Project Ireland
2040

ARUP

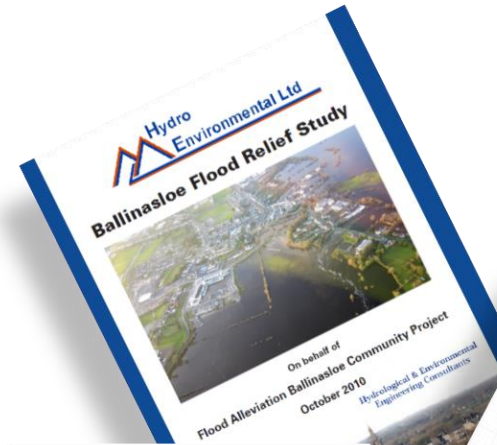
Overview



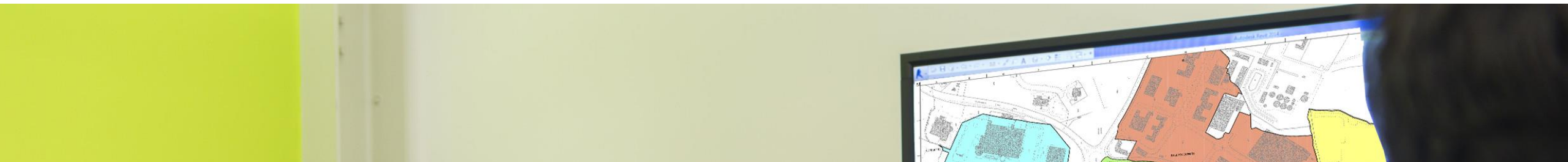
- Project Background
- Steering Group
- Project Objectives
- Scheme Area
- Outline Delivery Programme
- Key Issues During Stage I
- Process for Developing a Solution
- Key Public Consultation Dates
- Opening Public Consultation Day

Project Background

- Past flood events and significant ongoing flood risk
- Shannon CFRAM Study
- Shannon Catchment Flood Risk Management Plan
- Prioritisation of major schemes – Ballinasloe included in first tranche
- Minor flood relief work ongoing by GCC since 2009
- Work by local community groups



Project Steering Group



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 **Hydro**
Environmental Ltd



RYAN HANLEY
Consulting Engineers



Project Objectives

Develop a technically viable, cost-effective, socially acceptable and environmentally sustainable flood relief scheme for Ballinasloe

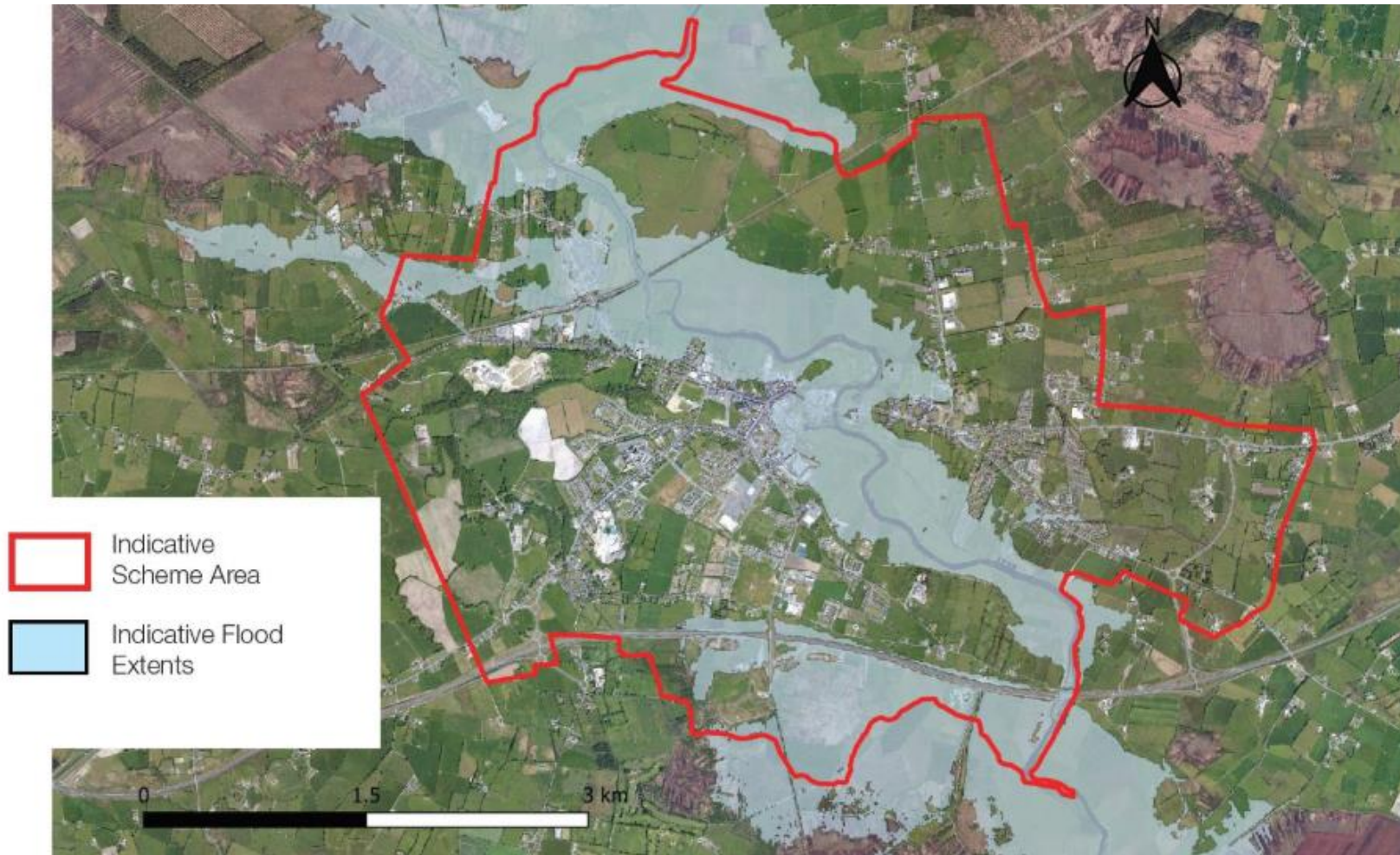
- The Scheme will be required to defend against fluvial flood risk to properties within the Scheme Area up to a determined standard of protection plus a freeboard and climate change allowance
- Build upon the catchment-level assessment undertaken by the Shannon CFRAM Study

Prepare the drawings and documentation required for submission of the Scheme for Statutory Consents from the relevant authorities

Procure, manage and oversee the construction of the Scheme subject to consents and funding

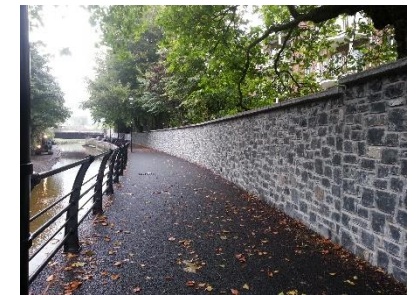


Indicative Scheme Area



Outline Delivery Programme

Stage	Description	Key dates
Stage I	Development of flood defence options and identification of a preferred Scheme	Underway - complete by Q3-Q4 2021
Stage II	Statutory Public Exhibition / Planning	Q4 2021 – Q2 2022
Stage III	Detailed Design, Ministerial Confirmation and Tender	Anticipated to commence Q2 2022 (subject to approvals and funding)
Stages IV and V	Construction and Handover of the Works	Anticipated to commence Q2 2023 (subject to approvals and funding)



Key Issues During Stage I

- Stakeholder and Landowner **Consultation**
- Minimise potential impact on **designated environmental sites** under EU Birds Directive or Habitats Directive – e.g. Suck Callows SPA
- Minimise potential impact on **Protected Structures** including Ballinasloe East Bridge – potential heritage/archaeology issues
- Scheme **Cost – Benefit Ratio**
- Incorporation of **Existing Defences** including Derrymullen Scheme
- Impact on **other sources of flood risk**, e.g. urban storm water behind defences
- **Opportunities** for Public Realm Enhancement and Environmental Enhancement
- Consideration of **Climate Change**
- Multiple **other issues** to be addressed including buildability, maintenance, invasive species, assessment of impact upstream and downstream of Ballinasloe, etc.



The Process of Developing a Solution

Defining the Problem:

- Review of Shannon CFRAMS Outputs including views from Public Consultation
- Further Hydrological Analysis and Hydraulic Modelling to define flood mechanisms / flood levels at local scale
- Environmental Constraints Study

Considering Scheme Options

- Consideration of Long List of Possible Solutions, informed by Constraints Study
- Topographic surveys and Geotechnical Investigations
- Hydraulic modelling and Technical Feasibility Review of potentially viable solutions
- Public Consultation

Multi-Criteria Analysis of Potentially Feasible Options

- Test Options under multiple criteria including Technical, Environmental, Social, Economic (Cost and Cost-Benefit Analysis)
- Select Preferred Option for advancement to Statutory Processes / Consents

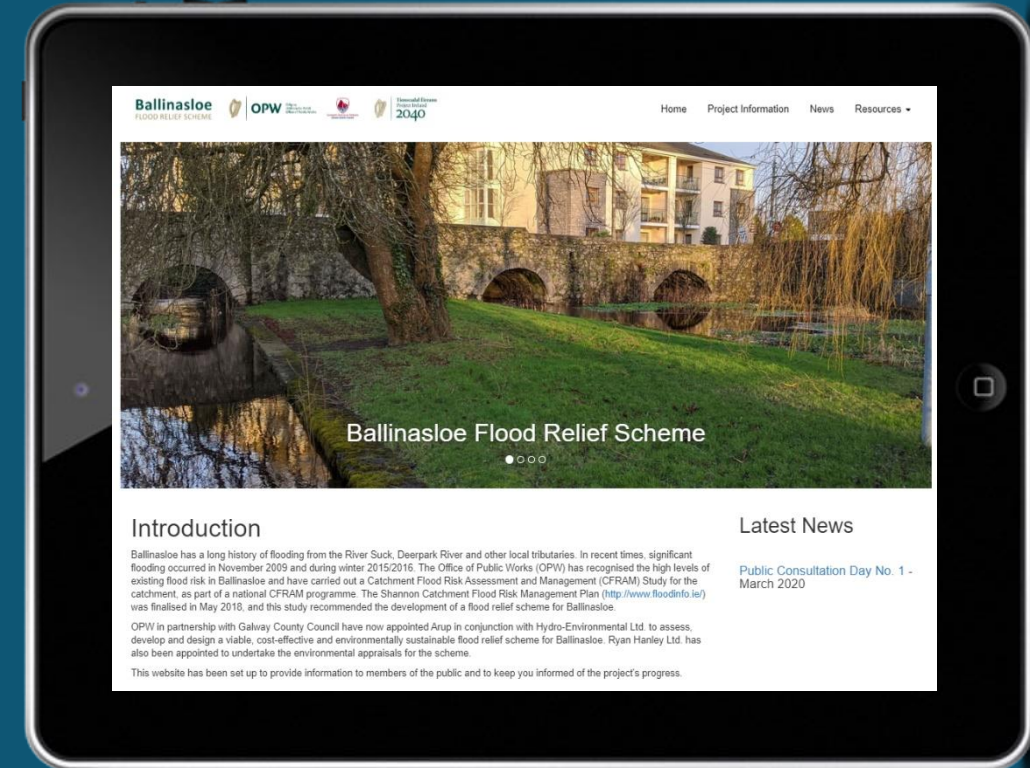
Key Public Consultation Dates

Stage	Date
Public Consultation Day No. 1 (Constraints Stage)	5 March 2020
Public Consultation Day No. 2 (Emerging Options)	Early 2021 (TBC)
Statutory Public Exhibition of Scheme	Late 2021 (TBC)

Ongoing Public Engagement

- Project Website
- Regular Public Newsletters
- Project Email Address
- Meetings with local stakeholders

Project e-mail:
ballinasloefrs@arup.com



www.floodinfo.ie/ballinasloefrs

Opening Public Consultation Day:

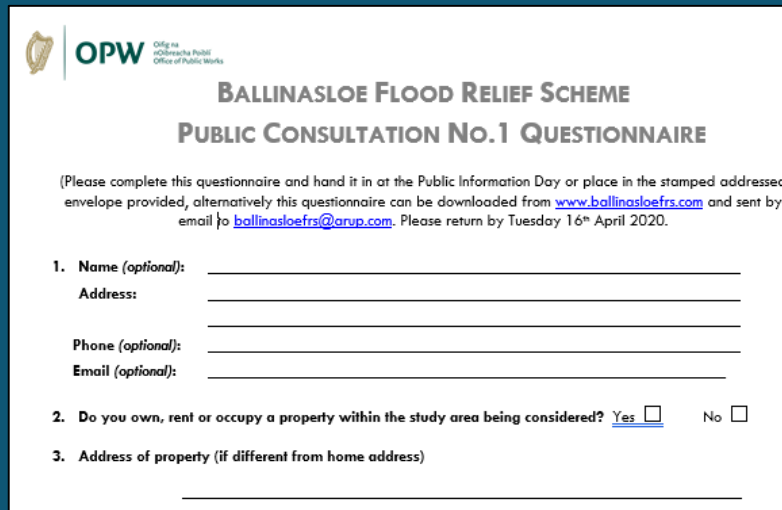
7th March 2020

Dunlo Room, Shearwater Hotel

3pm to 8pm

Purpose of Event:

- Introduction of the Project Team
- Outline the Project Objectives
- Outline the Scheme Development Process
- Gathering information from Local Stakeholders including
 - Views on the Scheme Area
 - Information on past flood events including flood mechanisms / flood routes
 - Key issues or constraints of importance
 - Views on CFRAMS outputs



The image shows a public consultation questionnaire for the Ballinasloe Flood Relief Scheme. The form is titled 'BALLINASLOE FLOOD RELIEF SCHEME PUBLIC CONSULTATION No.1 QUESTIONNAIRE'. It includes instructions to complete the form and return it by Tuesday 16th April 2020. The form contains several sections for personal information and project-related questions.

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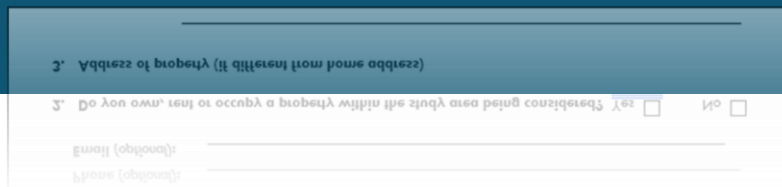
BALLINASLOE FLOOD RELIEF SCHEME
PUBLIC CONSULTATION No.1 QUESTIONNAIRE

(Please complete this questionnaire and hand it in at the Public Information Day or place in the stamped addressed envelope provided, alternatively this questionnaire can be downloaded from www.ballinasloe.fr.com and sent by email to ballinasloe.fr.com. Please return by Tuesday 16th April 2020.

1. Name (optional): _____
Address: _____
Phone (optional): _____
Email (optional): _____

2. Do you own, rent or occupy a property within the study area being considered? Yes ☐ No ☐

3. Address of property (if different from home address) _____



This image shows the continuation of the questionnaire form, specifically the bottom section. It includes a question about the property being considered and a section for additional comments.

3. Address of property (if different from home address) _____

3. Do you own, rent or occupy a property within the study area being considered? Yes ☐ No ☐

Comments (optional): _____

Ballinasloe

FLOOD RELIEF SCHEME



Thank you
Questions?

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