

Midleton (Owenacurra / Dungourney) Flood Relief Scheme



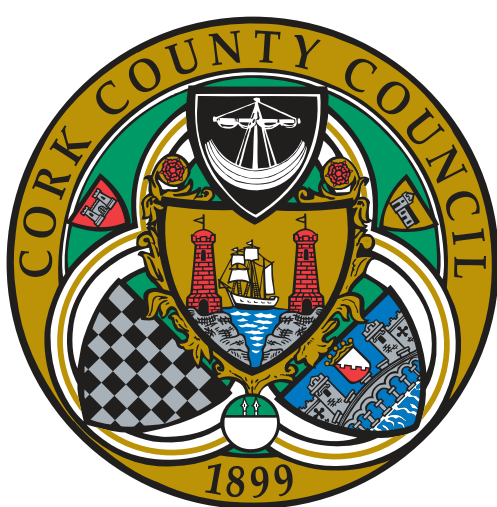
Constraints Study

A Constraints Study is currently being undertaken by the Project Design Consultants. The purpose of the Constraints Study is to determine and document the constraints that may inform the selection and design of the proposed Flood Alleviation Measures.

Primary Constraints

A range of constraints is being considered including the following topics:

- Flood Related Socio-Economic and Social Issues
- Flora and Fauna
- Fisheries
- Habitats
- Water Quality
- Archaeological, Architectural and Cultural Heritage
- Landscape and Visual Amenity
- Angling, Tourism and Recreational Use



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Public Involvement

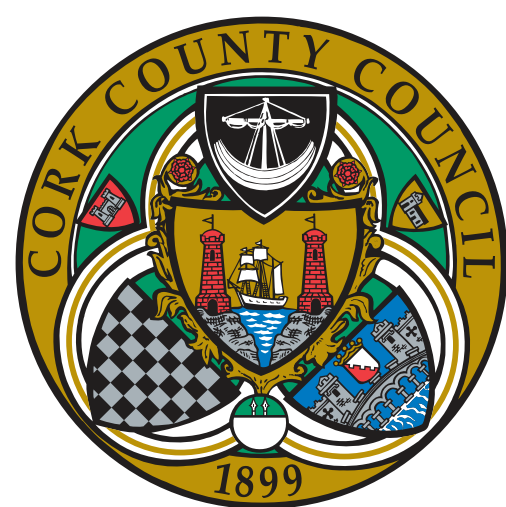
Consultation will be undertaken throughout the process to ensure that the views of the public and other stakeholders are taken into account.

The purpose of this initial Public Information Day (PID) is to:

- Provide information about the Objectives of the Scheme
- Outline the Design and Statutory Process
- Provide an Opportunity for Comment at a preliminary stage
- Gather information about Environmental Constraints
- Obtain other information relevant to the Scheme

Following this initial public consultation, there will be further opportunities for involvement through attendance at future information days, when updates on the scheme progress will be presented. A questionnaire is available for you to complete and return with your own comments.

Members of the project team are present today to answer any questions you have, or take note of any relevant information.



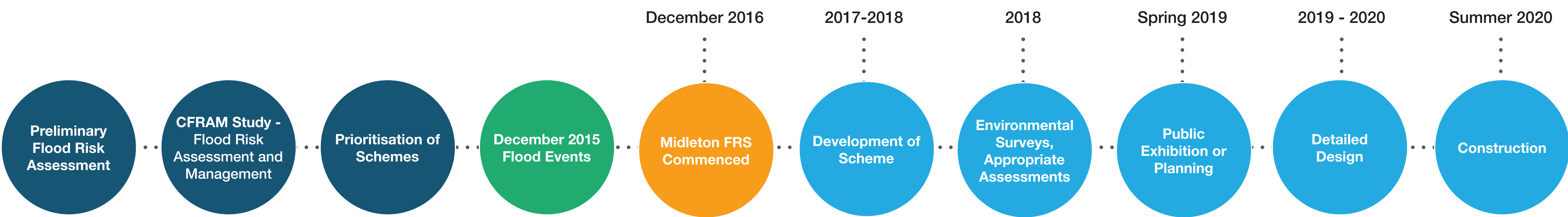
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Scheme Objectives and Overview

The Office of Public Works (OPW) has carried out a Catchment Flood Risk Assessment and Management (CFRAM) Study for the Lee Catchment. From this study, the draft Catchment Flood Risk Management Plan, published in February 2010, set out a range of potential flood risk management options for particular areas within the catchment. Cork County Council has now commissioned an Engineering and Environmental Study to assess and develop a viable, cost-effective and sustainable Flood Relief Scheme. A report will be prepared describing the findings of the Engineering and Environmental Study, which will include a description of the measures and scheme options assessed and the justification for its selection.

The Project Team includes a Design Team made up of Arup (Consulting Engineers), Cork County Council and the OPW. A study area has been identified and the initial stages of the Relief Scheme have commenced, including the Constraints Study and Preliminary Design Surveys. An Indicative Flow chart showing the process from inception through to construction for the Flood Relief Scheme is shown on the figure below:



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Planning Process For The Proposed Scheme

The planning process for the preferred scheme will be decided at the end of Stage 1. The planning options are as follows.

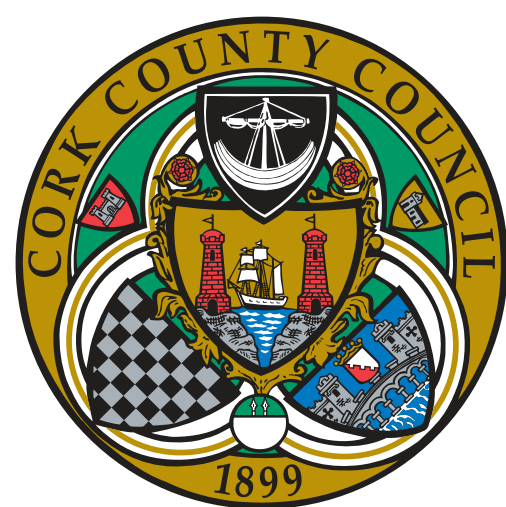
Once a preferred Flood Relief Scheme has been determined and an outline design completed, Cork County Council will decide whether to formally publicly exhibit the proposed scheme in accordance with Section 5 of the Arterial Drainage Acts 1945, or choose Part 10 Planning under the Planning and Development Regulations 2001-2002.

If Public Exhibition is Chosen:

- This statutory process includes a four week Public Exhibition, during which the plans and particulars of the proposed scheme will be put on Public Display.
- Representatives of the Project Team will attend the Public Exhibition on various dates to explain the scheme to members of the public and to address queries.
- Copies of the EIS (Environmental Impact Statement) for the scheme will be available for sale to the public during this time.
- Members of the public will be invited to submit written observations which will be considered and responded to
- An Exhibition Report, including all observation received will be sent to the Minister for Public Expenditure and Reform before formal approval of the Scheme. This will form the basis for the next stage.

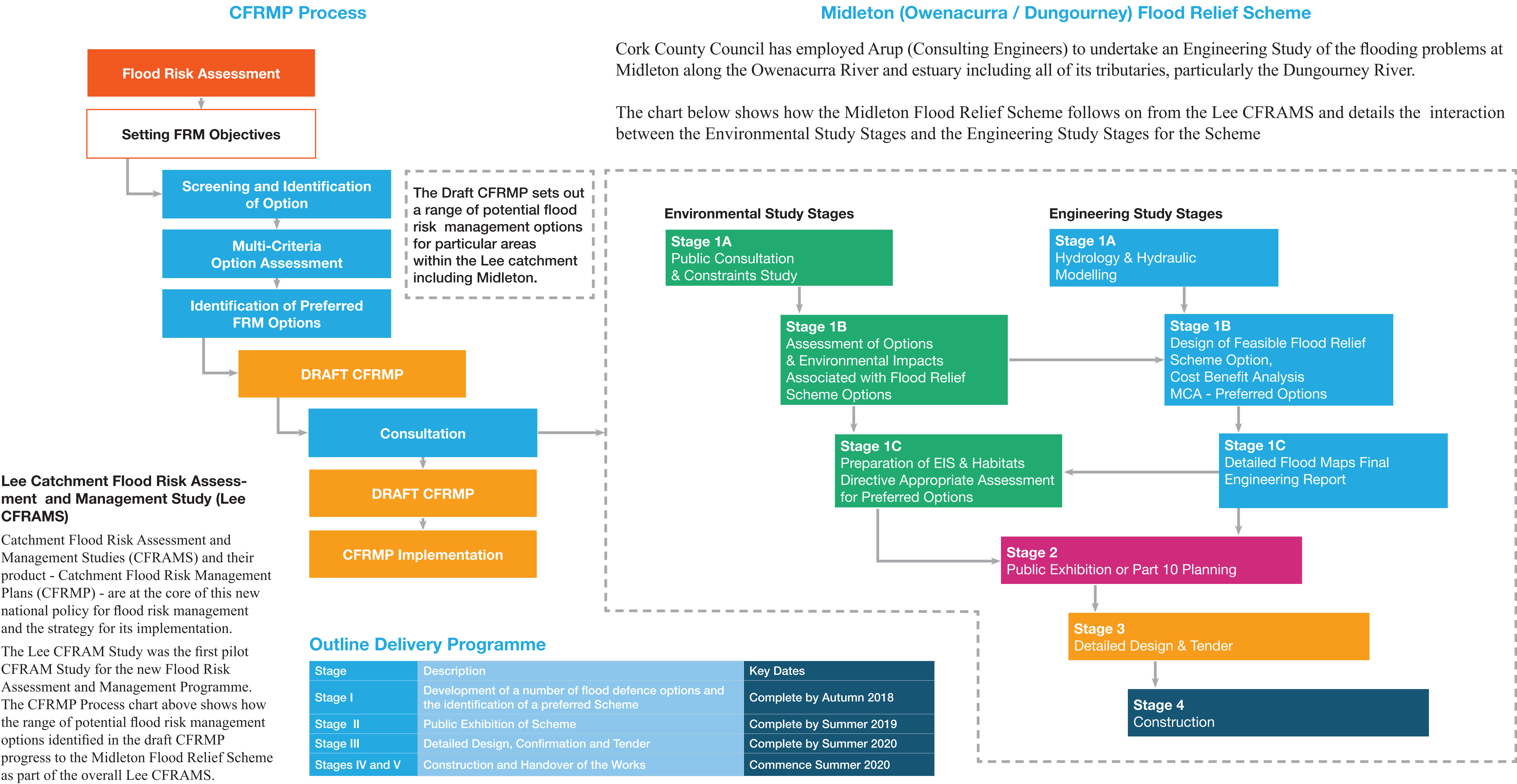
If Part 10 Planning is Chosen:

- Complete the necessary planning and any and all other statutory process, which may include; Appropriate Assessment (if determined necessary); EIS; CPO of lands required for the implementation of the preferred scheme, Section 50 licenses & etc.
- Amend the final draft Flood Relief Scheme if and as necessary following completion of the planning and statutory procedures.



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Potential Flood Alleviation Measures

- a) Do nothing (i.e., implement no new flood alleviation measures)
- b) Non-Structural Measures (e.g. flood warning system or individual property protection)
- c) Relocation of properties and/or infrastructure
- d) Reconstruction of properties and/or infrastructure at a higher level
- e) Flow Diversion (e.g. river diversion or flood flow bypass channel)
- f) Flow Reduction (e.g. upstream catchment management or flood storage)
- g) Flood Containment through Construction of Flood Defences
- h) Increase Conveyance of Channel (upstream and/or through and/or downstream of the town)
- i) Sediment Deposition and Possible Sediment Traps
- j) Pump storm waters from behind flood defences

