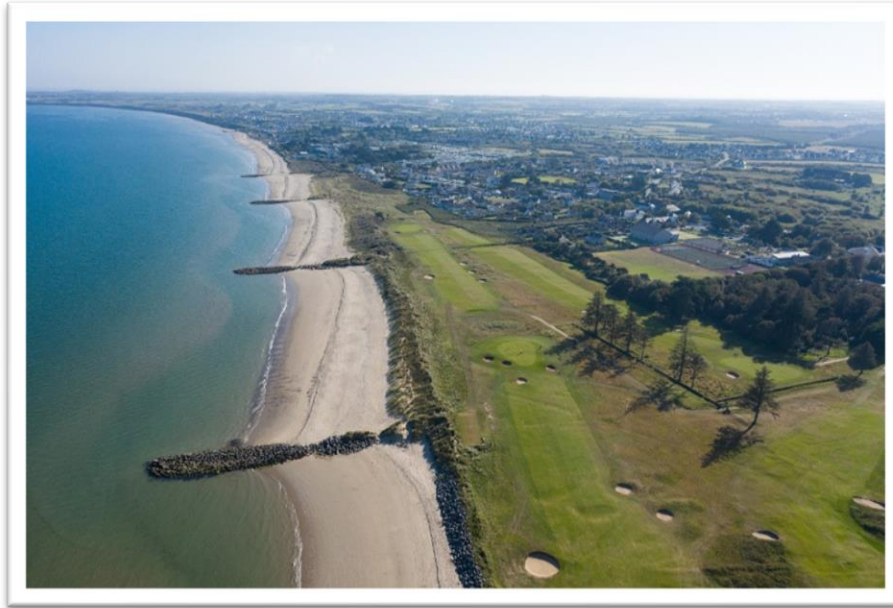


Newsletter

Rosslare Coastal Erosion and Flood Relief Scheme



**Coastal
Erosion
& Flood
Relief
Scheme**



ROSSLARE COASTAL EROSION & FLOOD RELIEF SCHEME

Newsletter No. 03 | July 2023



**Tionscadal Éireann
Project Ireland
2040**



OPW

Oifig na
nOibreacha Poiblí
Office of Public Works



**Comhairle Contae Loch Garman
Wexford County Council**



**NICHOLAS
O'DWYER**

Newsletter

Rosslare Coastal Erosion and Flood Relief Scheme

SCHEME BACKGROUND

In December 2021, Wexford County Council (WCC) appointed Nicholas O'Dwyer Ltd. (NOD) to develop, design, and construct a Coastal Erosion and Flood Relief Scheme (CEFRS), that is technically, socially, environmentally, and economically acceptable for the community of Rosslare.

It is expected that the scheme will be carried out in five stages, although the flood protection and erosion protection works might be carried out in separate contracts.

1. Options Assessment, Scheme development and Preliminary Design
2. 2(a) Planning / Development Consent Process
2(b) Detailed Construction Design
3. Tender Process Evaluation and Award
4. Construction
5. Handover of Works

The proposed works will be designed to suit the local context and to be fully compliant with all relevant environmental legislation.

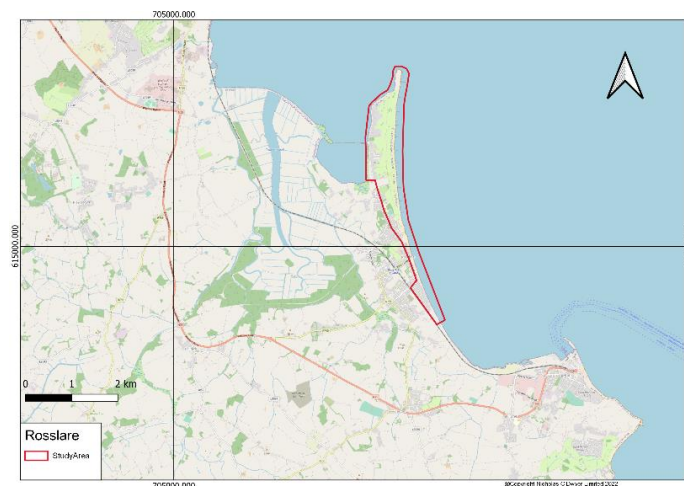
TIMESCALE

Expected stage completion dates are currently:

		2023	2024	2025	2026	2027	2028	2029
Stage 1	Q3 2024							
Stage 2	Q4 2025							
Stage 3	Q2 2026							
Stage 4	Q1 2028							
Stage 5	Q1 2029							

SCHEME AREA

The scheme area is outlined by the red border on the map.



The scheme area consists generally of Rosslare Strand extending around Rosslare Point to the inner bay area by Burrow Road.

The area most at risk of erosion is the eastern side of the spit while the Burrow Road on the western side of the spit is at risk of flooding. Flood and erosion risks will be assessed across the entire scheme area.

WHAT STAGE IS THE SCHEME AT?

The scheme is currently in Stage 1 – Option Assessment, Scheme development and Preliminary Design. Current activities include:

Hydrological & Hydraulic Analysis:

Computer modelling of sea levels and wave heights has been undertaken to establish estimates of extreme water levels, the extent of flooding which might be experienced due to the extreme levels, and to determine sediment transport patterns and volumes.

Estimates of chronic erosion have been carried out based on investigation of historic aerial photography. Estimates of acute erosion (single storm erosion) have also been carried out. These are being assessed to determine areas at risk from erosion.

Wave overtopping assessments are being completed to estimate the quantity of water which could pass over existing embankments because of waves breaking on the embankments and to determine the risk of flooding from this wave overtopping, and these assessments will be incorporated into the scheme hydraulic report.

Flood relief measures and erosion control measures will be designed based on the outcome of these assessments. The area most at risk from flooding is the Burrow Road area on the east of the spit, while erosion is the main risk along the eastern side of the spit.

Environmental Assessments:

A habitats survey, breeding birds survey, and invasive species survey are in progress throughout Summer 2023.

These surveys will allow consideration of the impacts of potential options for the scheme works and will provide information for the environmental reporting.

The invasive species survey will also allow plans to be created to manage and avoid the further spread of any species of interest.

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Site Investigations:

Site investigations (boreholes and trial pits) will be required to understand ground conditions for any future embankment or wall along the Burrow Road. A site investigation contractor will be procured shortly to carry out investigations along this road.



Website:

The Scheme website and email address are now live.

<https://www.floodinfo.ie/frs/en/rosslare/home/>

RosslareCEFRS@nodwyer.com

NEXT STEPS

Options Development: The hydraulic model report will be reviewed by the project team, and, following this, options for flood and erosion protection will be developed. These options will then be presented at public consultations to receive feedback before a preferred option emerges.

Public Consultations: A public consultation event will be held in Q4 2023 where the emerging options for flood and erosion protection will be presented to any interested members of the public. Feedback will be welcomed and will help to direct the scheme towards a preferred option. The date and location of the consultation event will be publicised on the website and in local media once it is available.

<https://www.floodinfo.ie/frs/en/rosslare/home/>

