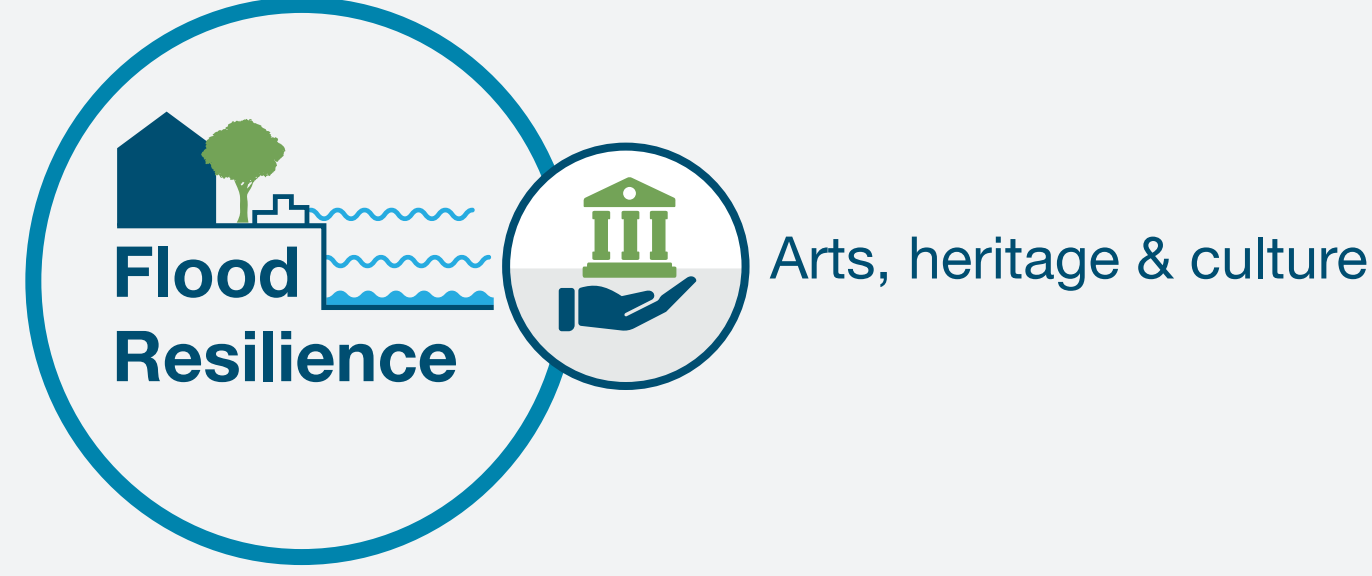


# City Centre & Docks

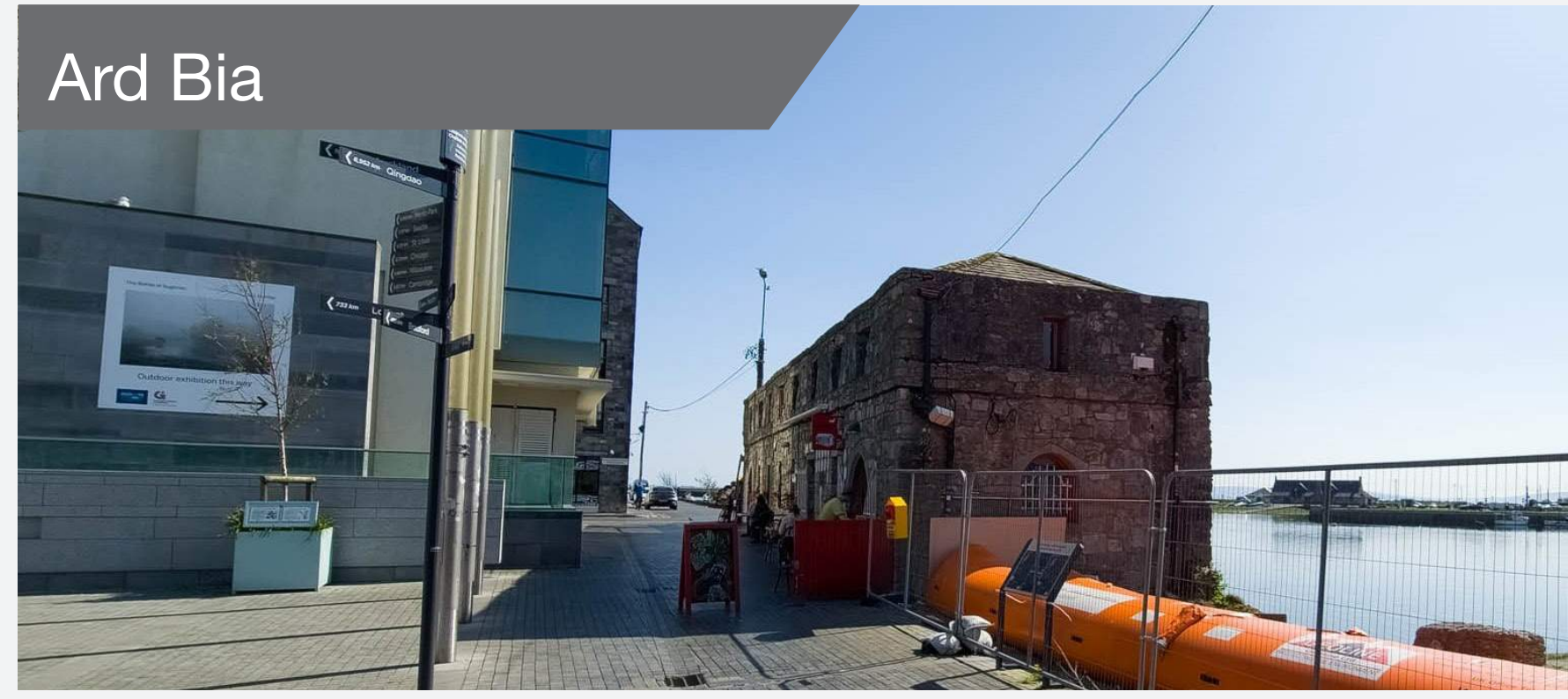
The Ard Bia building and The Long Walk are characterised by historical structures and shared pedestrian/vehicular zones. The area is at risk of tidal flooding primarily. Defences will provide protection to the existing structures as well as intercept the potential flow path between the River Corrib and the Inner Docks.



## The Long Walk Considerations



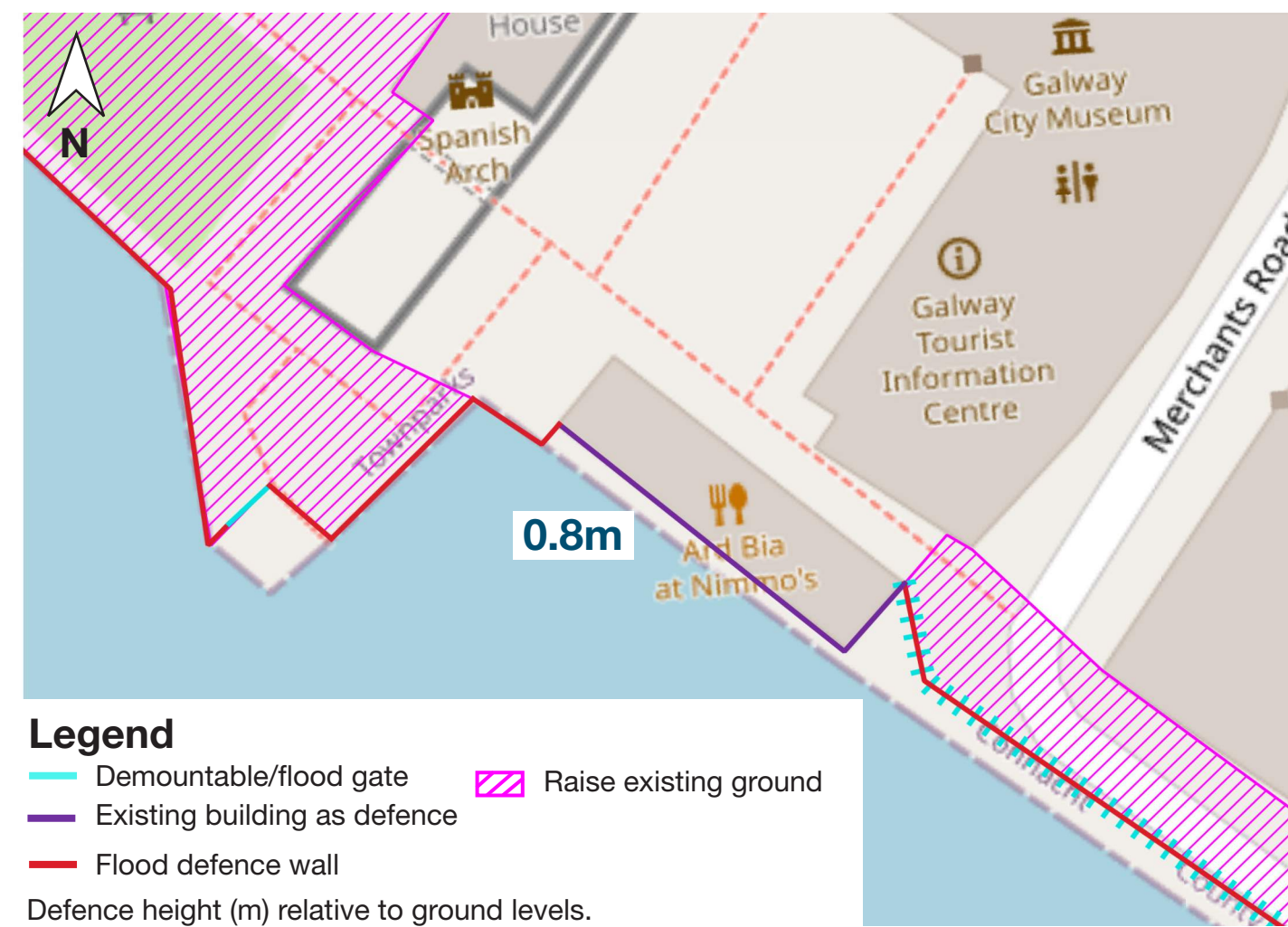
### Existing Scenario



## Ard Bia

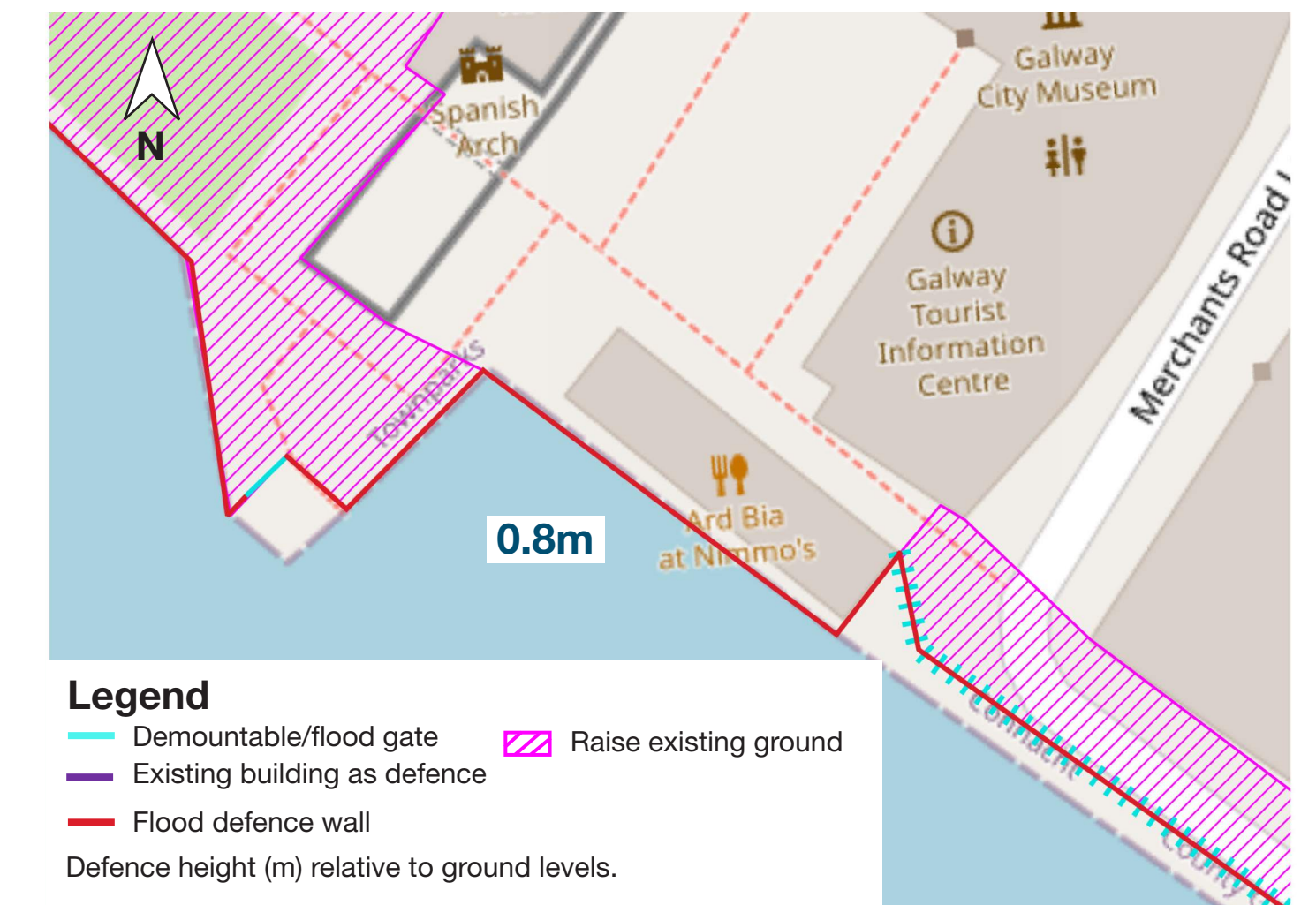
### Option 1: Existing Building Defence

This option proposes to use the existing Ard Bia building as a part of the defence line. This is accomplished through raising existing windowsill levels 0.8m above the existing finished floor level. Upgrades to windows may be necessary.



### Option 2: Flood Defence Wall in Front of Building

This option proposes a 0.8m wall above the existing quay wall be constructed in front of the Ard Bia building to protect the structure and restrict flood water impacting properties behind Ard Bia.



## The Long Walk

### Option 1: Sea-side Wall with Demountables

This option proposes raising existing ground along The Long Walk, a maximum defence wall of 1.1m high and an additional demountable defence. Raising of existing ground levels will reduce the permanent wall height and eliminate the need for a demountable in some locations. Met Éireann's flood forecasting system will inform when demountables need to be deployed. A flood embankment is proposed on the existing green space at the end of The Long Walk.

#### Key Features

- 1 0.25m demountable
- 2 0.6 - 1.1m flood defence wall
- 3 0.1 - 0.8m raising of existing ground



Option 1 from Claddagh Quay



### Option 1: Sea-side Wall with Demountables

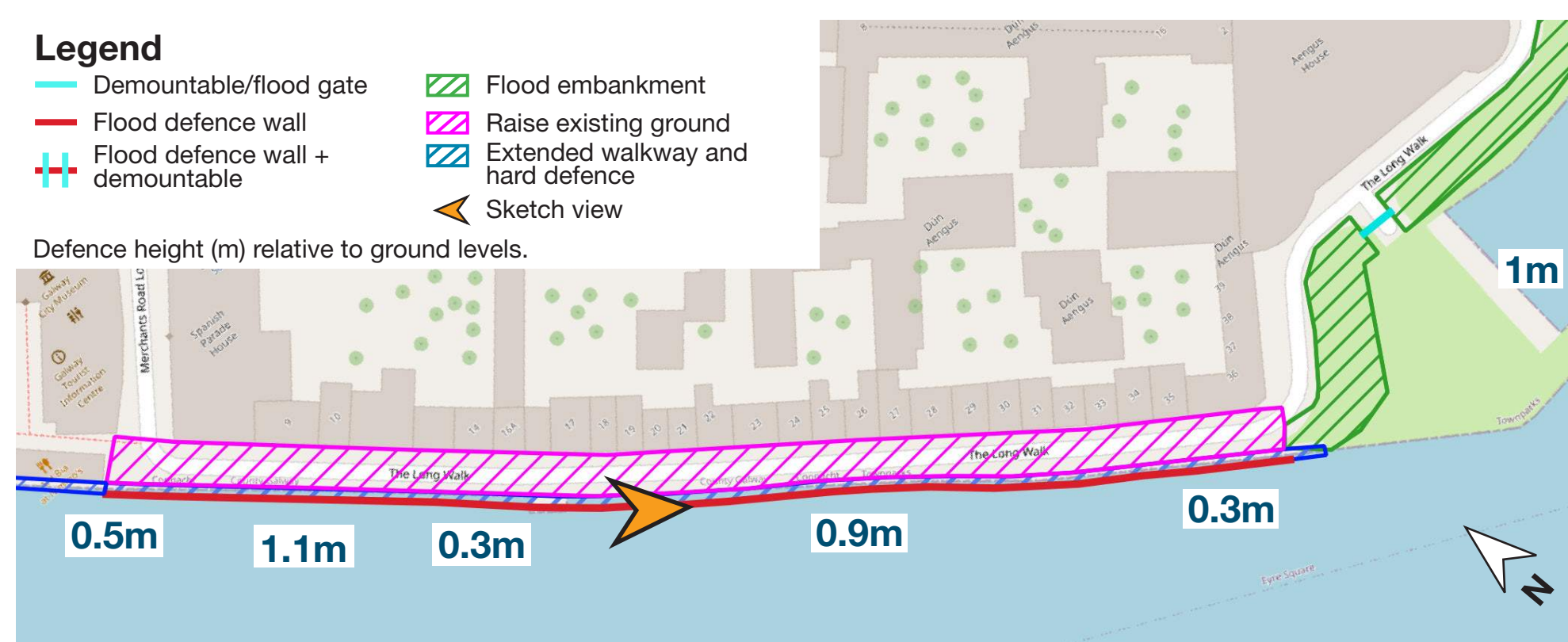


### Option 2: Land Reclamation

This option proposes a 2.5m widening of the Long Walk, by construction of a flood defence wall in front of the existing quay wall which would be within the tidal estuary. This is within the Galway Bay Complex Special Area of Conservation (SAC). Raising of existing ground levels by 0.5m along The Long Walk allows for reduction of the flood defence wall in certain locations and a permeable railing up to 1.1m. This option also defends the Ard Bia building. A 1.0m flood embankment is proposed on the existing green space at the end of The Long Walk.

#### Key Features

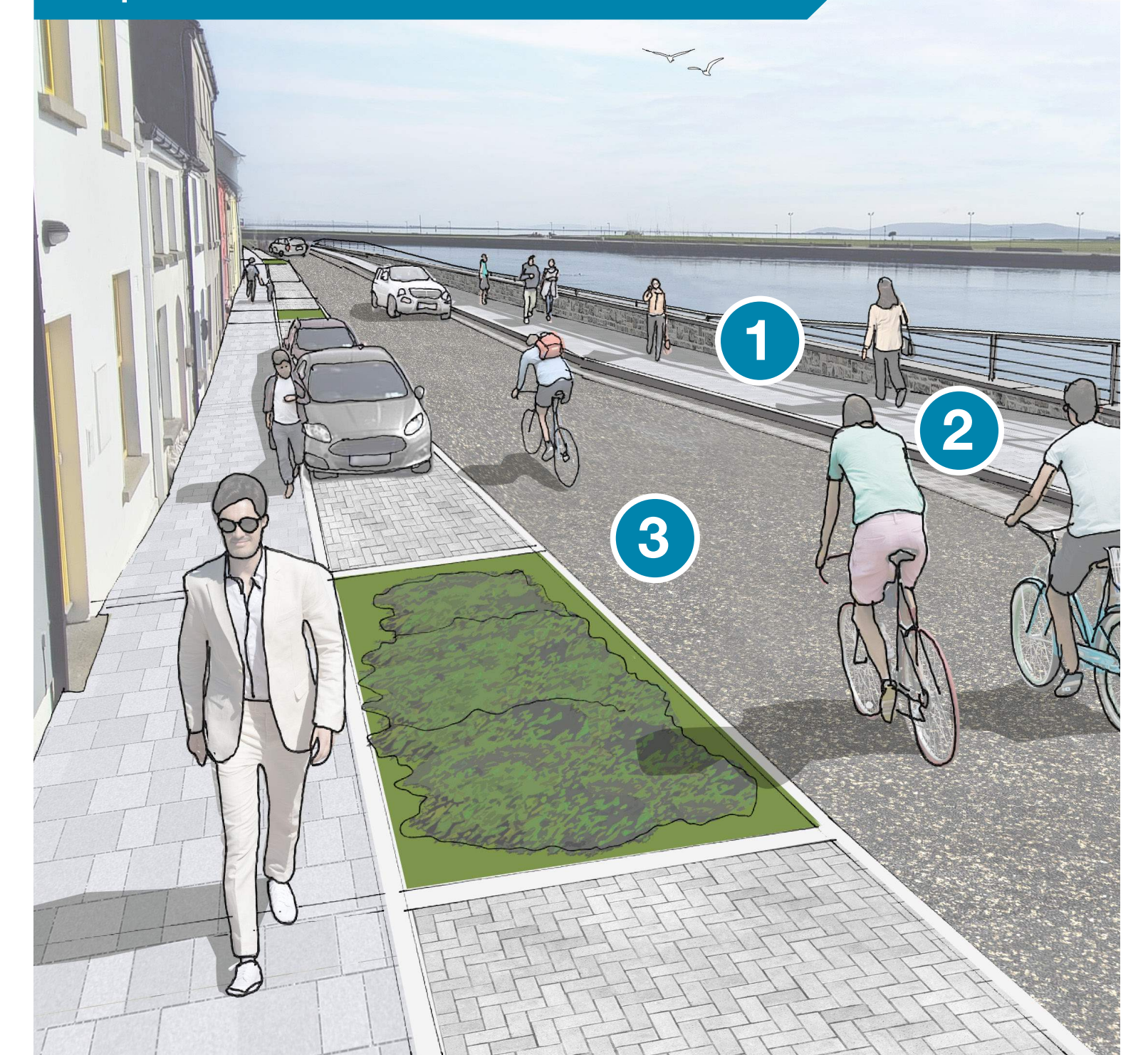
- 1 0.3 - 1.1m flood defence wall
- 2 New 2.5m wide walkway
- 3 0.1 - 0.8m raising of existing ground



Option 2 from Claddagh Quay



### Option 2: Land Reclamation



Two alternative options were developed for the Ard Bia building and The Long Walk areas. The alternative option in the Ard Bia area considered a defence alignment between the Ard Bia building and the Galway City Museum. This option did not protect the Ard Bia building. The alternative option in The Long Walk area proposed 200m of demountables. The options in both areas were screened out. Further information is available on the Options Screened Out Board

The artist's impression proposals shown above are intended for illustrative purposes only. Preferred scheme option will be subject to detailed design, including but not limited to technical assessments, planning approvals, further public, and stakeholders' engagement and other statutory or regulatory requirements. The construction materials used and finish/visual appearance of features may differ from those illustrated.