Partners

Funding

ECOSTRUCTURE is part funded by the European Regional Development Fund (ERDF) through the Ireland Wales cooperation fund

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The project aims to maximise the ecological value of coastal structures in terms of natural capital and green infrastructure by:

- Identifying the factors that shape the biodiversity and ecosystem services supported by artificial structures in the Irish Sea, to inform our ability to predict the effect of new structures in the coastal environment.
- Developing a catalogue of eco-engineering solutions to promote biodiversity on artificial marine and coastal structures, involving the collation of evidence from around the world and introducing new evidence from novel design trials in the Irish Sea.
- Investigating the distribution patterns and genetic structure of non-native species in relation to artificial structures, to inform our understanding of mechanisms by which these structures facilitate the introduction and spread of non-native species.
- Assessing local community perceptions and needs in relation to coastal defence structures, to emphasise positive effects of new and existing developments.
- Exploring the potential global market for eco-engineering enterprises, with the aim of establishing Welsh and Irish enterprises as world leaders in this field.

Project Information

<table>
<thead>
<tr>
<th>Project Duration</th>
<th>50 months</th>
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<tr>
<td>Start Date</td>
<td>March 2017</td>
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<tr>
<td>End Date</td>
<td>April 2021</td>
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<tr>
<td>Total Partners</td>
<td>5</td>
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<tr>
<td>Lead Partner</td>
<td>Aberystwyth University</td>
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<td>Total Project Cost</td>
<td>€4,071,496</td>
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<td>Funding</td>
<td>Part-funded by the European Regional Development Fund (ERDF) through the Ireland Wales Cooperation Programme 2014-2020</td>
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