



SPECIAL EU PROGRAMMES BODY

Project Case Study: Bryden Centre for Advanced Marine and Bio-Energy Research - Update May 2020

THEME:

Research and Innovation
Health & Life Sciences
Renewable Energy

FUNDING (ERDF + Match):

€9,367,401.45

MATCH FUNDERS:

Department for Economy
NI & Department of Business,
Enterprise & Innovation
Ireland

LEAD PARTNER:

Queens University
Belfast

PROJECT PARTNERS:

Ulster University; Agri-Food & Biosciences Institute; Letterkenny Institute of Technology; Donegal County Council; University of the Highlands & Islands; and Dumfries & Galloway Council.

PROJECT CONTACT:

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Start Date: 01/06/2017

End Date: 31/12/2021



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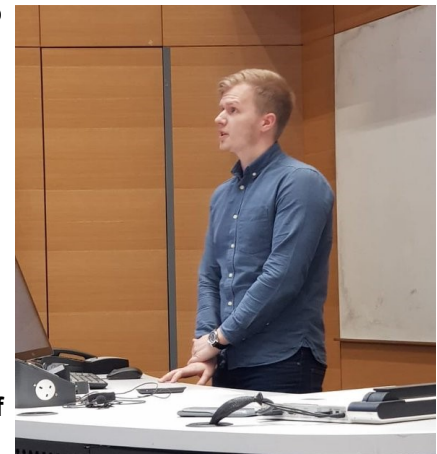
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The Bryden Centre project has created a cross-border research centre for renewable energy projects. This research includes the use of tidal power and wave power across the coasts of Western Scotland, Northern Ireland and Donegal as well as bioenergy from farm and household waste.

PhD Students

One of the key outputs of the project was to recruit 34 PhD students and six post-doctoral research associates. These students are delivering industry inspired research to tackle important challenges within the sector.

In early January 2019, the Science and Commercial Advisory Panel (SCAP) held a progress review for Bryden students in their second and final years of their PhD. Students from all partners came to Queen's University, Belfast to present progress and answer probing questions from members of SCAP and supervisory teams. Many positive comments were made on progress, along with ideas for future direction.



"Ireland's extensive marine area, a rich natural energy resource, has the potential to assist in the decarbonisation of our energy sector, if the Marine Renewable Energy (MRE) is harnessed sustainably. The Bryden Centre Studentship has given me a fantastic opportunity to study a very topical subject, one that I am very passionate about, and enabled me to work with experts in the field, in top-class institutions."

Engineering the Energy Transition Conference

A major success for the project was the Engineering the Energy Transition conference, held in February 2020. 114 leading academics, industry professionals and senior civil servants spent two days learning from a diverse range of speakers from across Europe. Research, government and industry perspectives were shared on many of the technology options, operating landscape and potential opportunities for energy transition away from fossil fuels to renewable energy.

Work from other INTERREG VA projects were showcased during the conference, including Renewable Engine and Spire 2.

