



# RESOURCECODE

MARINE DATA TOOLBOX



## RESOURCECODE PROJECT

The aim of RESOURCECODE is to create an integrated marine data toolbox for developers of ocean energy devices and their supply chain, which will reduce barriers and promote growth in renewable energy.

RESOURCECODE will drive forward the development and validation of cutting edge resource modelling techniques using partner data from the laboratory, existing models, satellites and the extensive MetOcean data sets held by the test sites. Central to this will be the development and expansion of the flagship HOMERE MetOcean database to cover the waters of France, Ireland and the United Kingdom. This will provide high-resolution, validated, transparent and reliable MRE wave resource data to the industry.

[WWW.RESOURCECODE.INFO](http://WWW.RESOURCECODE.INFO)

## RESOURCECODE OUTCOMES

The key outcomes and benefits of the RESOURCECODE project will include:

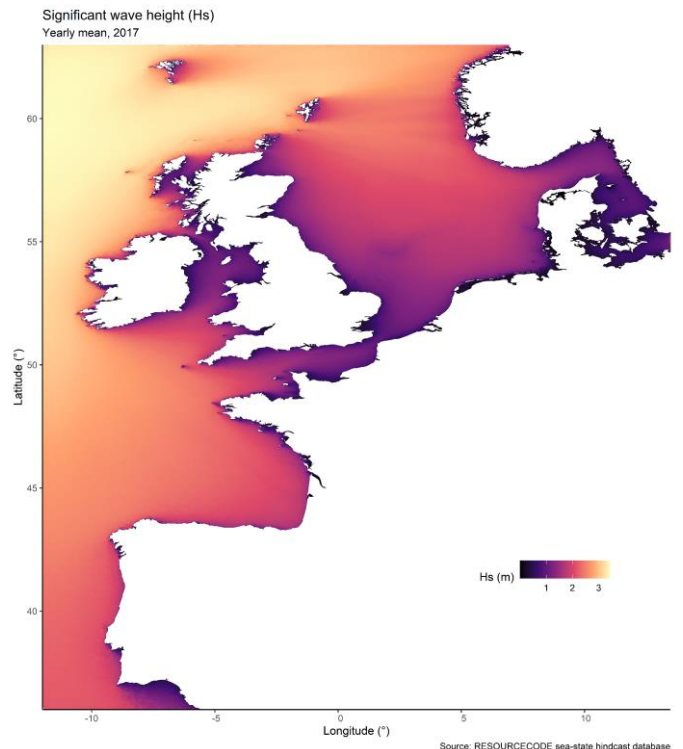
**OPEN SOURCE:** Public access to the an extensive wave dataset for North West Europe.

**COST:** Reduce design and development costs for the marine renewable sector.

**RELIABILITY:** Reduce uncertainty in expected environmental conditions and de-risk investment in future technology designs.

**QUALITY:** Providing reliable, traceable, validated data to support high calibre marine engineering development.

**KNOWLEDGE:** Bringing together academic expertise, research test centres and industry leaders.



Map of the mean significant wave height for year 2017 provides a global overview of the geographical extension of the RESOURCECODE wave hindcast database.



EMEC, Fall of Warness, tidal test site



SmartBay Ireland, test site



SEM-REV, test site

## RESOURCECODE CONSORTIUM

The RESOURCECODE project is made up of a consortium of academic expertise, research test centres and industry leaders.

The consortium is led by European Marine Energy Centre.

- EMEC
- Centrale Nantes
- Ocean Data Lab
- SmartBay Ireland
- University College Dublin
- INNOSEA
- Ifremer
- University of Edinburgh



RESOURCECODE Consortium

## CONTACT US

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## JOIN MAILING LIST

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## FIND OUT MORE

For more information on the RESOURCECODE project go to:

**www.resourcecode.info**

**#RESOURCECODE**



## WWW.RESOURCECODE.INFO



THE UNIVERSITY  
of EDINBURGH



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