



Innovative corrosion solutions and new materials in wave, tidal and offshore wind energy sectors

WHAT IS NESSIE

The **NeSSIE** project will tap into the existing knowledge of **anti-corrosion technology** / **novel materials** solutions in the maritime sector supply chain to develop demonstration projects for offshore renewables in the North Sea. The corrosion solutions, when developed and commercialised, will provide global growth and job creation opportunities across the European Union.

NeSSIE WILL

- Develop and scope 3 offshore renewable energy **demonstration projects** relating to corrosion issues by drawing on existing maritime supply chain expertise.
- **Accelerate the deployment and cost reduction of wave**, tidal and offshore wind devices.
- Support the demonstration projects developed to access **public and private investment**.
- Create **economic opportunities in the North Sea Basin**.

THE PROJECT IN NUMBERS



8 PARTNERS
5 Countries



3 DEMONSTRATION
Cases



DURATION
2017 - 2019



TOTAL BUDGET
860.000 €



VANGUARD INITIATIVE
New growth through smart specialisation

*All partners are members of the
Vanguard Initiative and involved in
the pilot “Advanced Manufacturing for
Energy Related Applications
in Harsh Environment”*

FURTHER INFORMATION:
www.nessieproject.com



**IF YOU WANT TO KNOW MORE
ABOUT THE NESSIE PROJECT
PLEASE CONTACT**



Lead Partner

SCOTTISH ENTERPRISE

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KEY ACTIVITIES

Learn → Connect → Demonstrate → Commercialise

Assessment of **innovative corrosion solutions in wave, tidal and offshore wind**, through:

- **Technology roadmap**
- **Supply chain analysis**
- Supporting consortia to scope and develop **investable demonstration projects**

EXPECTED IMPACT

- Greater collaboration within the value chain
- Market focused demonstration projects on marine renewables on offshore renewable
- New opportunities for SMEs to create jobs and growth in the Blue Economy

EU ADDED VALUE

- Building a new model applicable to other cluster partnerships
- Fostering the transfer of technology solutions to new sectors
- Strengthening regional cooperation through the Vanguard Initiative

Other contacts - Project Partners



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