



## 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 €



*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](http://www.nessieproject.com)



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



**Lead Partner**

**SCOTTISH ENTERPRISE**

Mark Georgeson, Project Manager

Tel. +44 (0) 300 013.38.58

Email Mark.Georgeson@scotent.co.uk

**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**



**SIRRIS - Belgium**

Bart Teerlinck

Tel. +32 498.919.394

Email bart.teerlinck@sirris.be



**ASTER Società Consortile per Azioni - Italy**

Stefano Valentini

Tel. +39 051 639.80.99

Email stefano.valentini@aster.it



**LOMBARDY ENERGY CLEANTECH CLUSTER - Italy**

Carmen Disanto

Tel. +39 02 58370810

Email direttore@energycluster.it



**THE UNIVERSITY OF EDINBURGH - Scotland**

Mark Laurie

Tel. +44 (0)131 650.55.94

Email mark.laurie@ed.ac.uk



**CLÚSTER DE ENERGÍA DEL PAÍS VASCO - Spain**

Marcos Suarez Garcia

Tel. +34 94 424.02.11

Email msuarez@clusterenergia.com



**FUNDACIÓN ASTURIANA DE LA ENERGÍA - Spain**

Indalecio González Fernández

Tel. +34 985 467.180

Email inda@faen.es



**SVENSKT MARINTEKNISKT FORUM - Sweden**

Janne Rydh

Tel. +46 70 052.47.50

Email janne.rydh@smtf.se

[www.nessieproject.com](http://www.nessieproject.com)