



OPIN Workshop

Advanced Materials and Manufacturing (Composite focus)

12th November 2019, Nantes

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Workshop introduction
OPIN Project

Workshop motivation and objectives



Composite materials widely used in **Offshore renewables**



Strong composite ecosystem in **Pays de la Loire**



Create collaborations with other **regions**



Create collaborations with other **sectors**



Strengthen the link between **industry** and **research**



International **networking** opportunity

Agenda (1/2)

09.00 - 09.30	Introduction <ul style="list-style-type: none"> • OPIN Project • WEAMEC
09.30 - 10.30	Applications and needs from the industrial sector <ul style="list-style-type: none"> • Sabella • Bureau Veritas • EireComposites
10.30 – 11.00	<i>Coffee break</i>
11.00 – 12.15	Latest news from the academic research <ul style="list-style-type: none"> • University of Edinburgh • Centrale Nantes • Sandia National Laboratories • University of Nantes • ICAM
12.15 – 13.30	<i>Lunch break</i>



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Agenda (1/2)

13.30 – 14.30	Manufacturing and cross-sector considerations <ul style="list-style-type: none"> • IRT Jules Verne • LoireTech • Plastéol
14.30 – 15.00	Brainstorming/Wrap-up
15.00 – 15.30	<i>Transportation</i>
15.30 – 16.00	Technical Visit – IRT Jules Verne
16.00 – 16.30	<i>Transportation</i>
16.30 – 17.30	Technical Visit – LoireTech
17.30 – 18.00	<i>Transportation</i>



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OPIN Project at a glance

Ocean Power Innovation Network (OPIN) is a **European collaborative network**



The objective of OPIN is to encourage both **cross-sectoral** and **cross-regional** collaboration for

Offshore Renewable Energy SMEs and associate partners (research organizations, large companies, public organizations).



3 years from 2019 to 2021



2.6M€ total project budget
1.5M€ in financial support from
Interreg North West Europe



7 partners from Ireland, UK, Belgium, France, the Netherlands and Germany



driving industry by technology

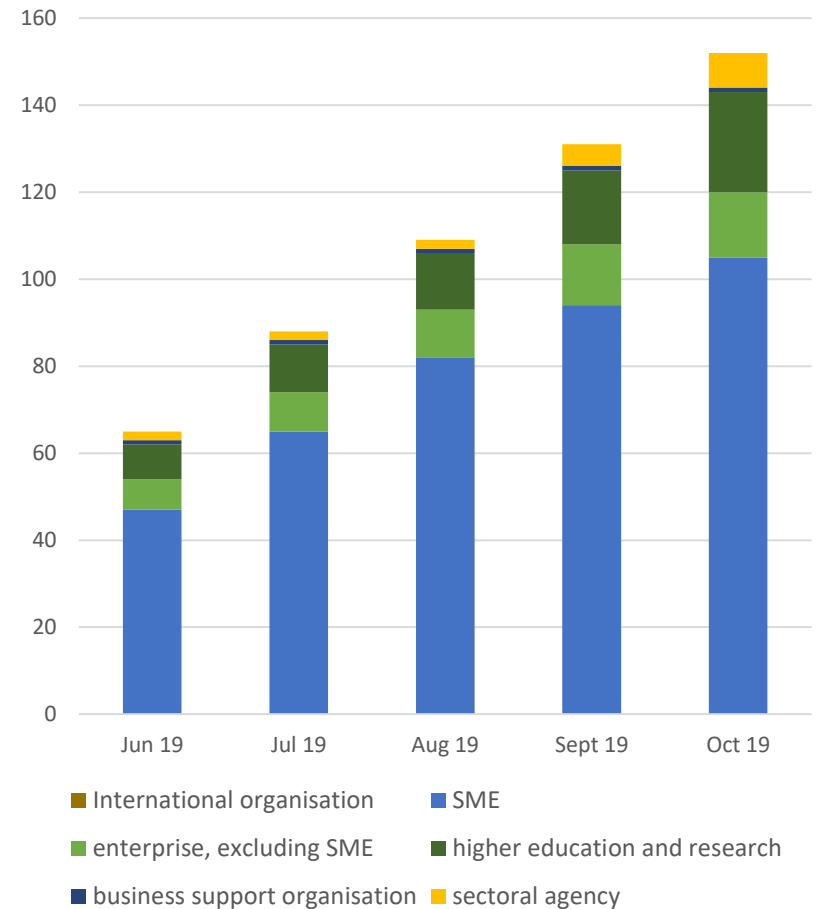
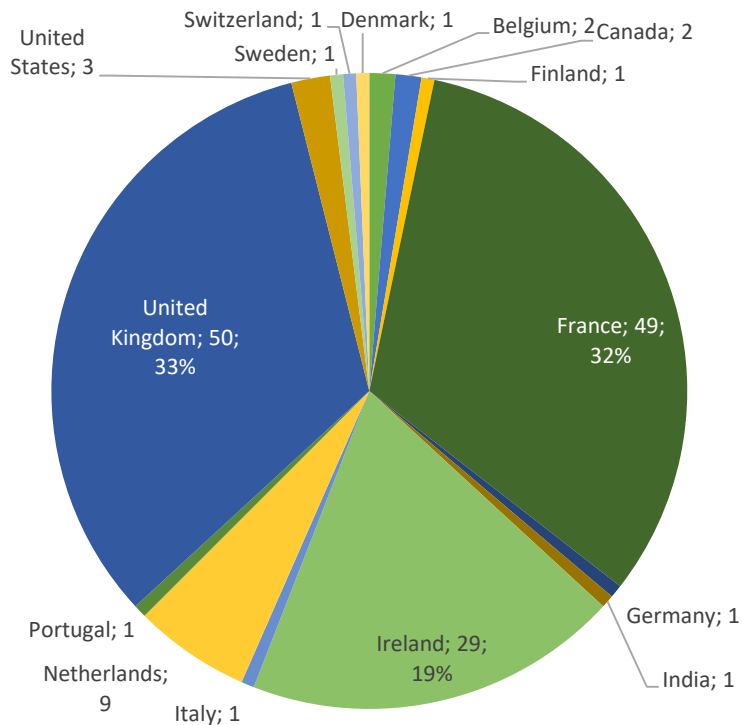


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OPIN membership

152 members
from 15 countries



OPIN Supports

- **Annual symposium**
- **Workshops**
- **Masterclasses**
- **Technology Assessment Process (TAPs)**

A high-level technology assessment to help SMEs improve their product/services, bring it to market and identify potential collaborators in the network

- **Collaborative Innovation Groups (CIGs)**

Support for clusters of SMEs, working with research entities/large companies, solving collectively issues identified as barriers to the offshore renewables sector

- **Travel Support**

Enabling SMEs to travel abroad either to take part in an OPIN workshop, masterclass or a CIG meeting or activity

OPIN Next events

- **Workshop: Ocean Power and the Supply Chain – Building the Future into Today**

26th February 2020, Edinburgh, United Kingdom

- **Masterclass: Mooring and Installation**

March 2020 (*date tbc*), Nantes, France

This masterclass will provide developers, operators and technology providers with a background knowledge in mooring systems for offshore renewable floating farms (wind, wave, tidal).

Q & A

Interreg



North-West Europe

OPIN

European Regional Development Fund

Thank you!