

A photograph of a sunset over the ocean. The sun is low on the horizon, partially obscured by dark, silhouetted clouds. The sky is a mix of orange, yellow, and blue. The water in the foreground is dark blue with white-capped waves, reflecting the golden light of the setting sun.

# Challenges and Solutions for Improved Durability of Materials

**OPIN**

*22 October 2020*

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**Interreg**   
EUROPEAN UNION  
**North-West Europe**  
**OPIN**  
European Regional Development Fund

# Agenda

## 1. Welcome

Bart Teerlinck, Sirris (BE)

## 2. Adhesively bonded joints for maritime industry

Wim De Waele, University Ghent (BE)

## 3. Corrosion monitoring

Jeroen Tacq, Sirris (BE)

## 4. General approach for coatings on steel structures & deep dive on heat exchangers

Christoph Fischer-Zernin, Säkaphen (GE) & Luca Donelli, Donelli Alexo (IT)

## 5. Corrosion of reinforced concrete

Franck Schoefs, Université de Nantes (FR)

## 6. How can OPIN support you?

Bart Teerlinck, Sirris (BE)

# OPIN Project

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

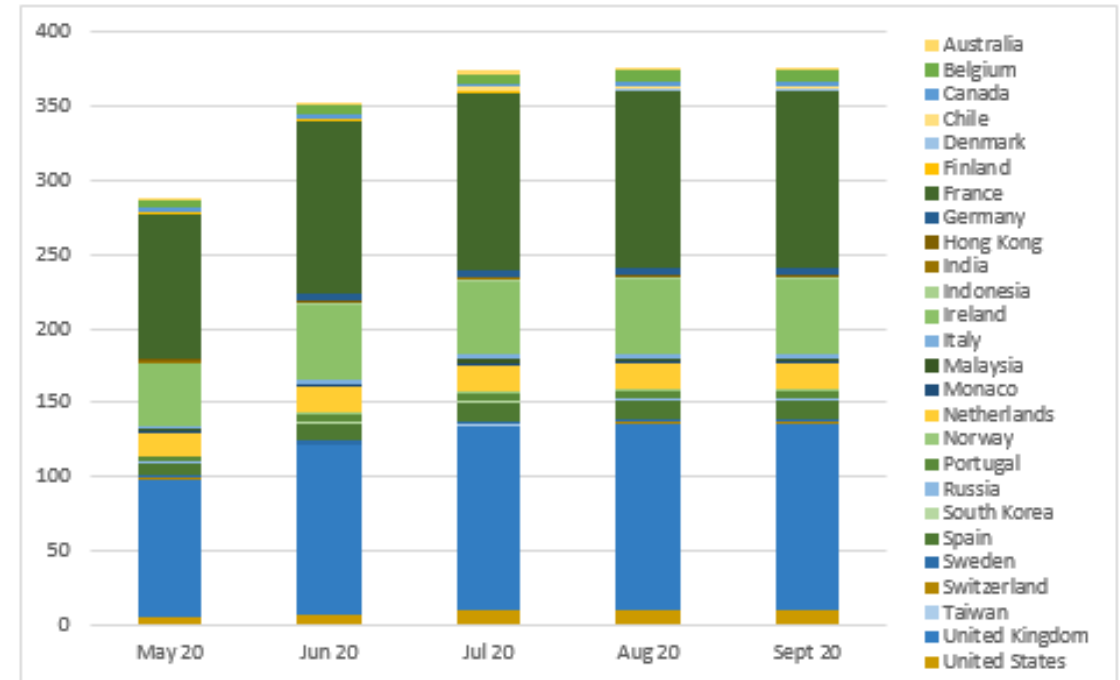
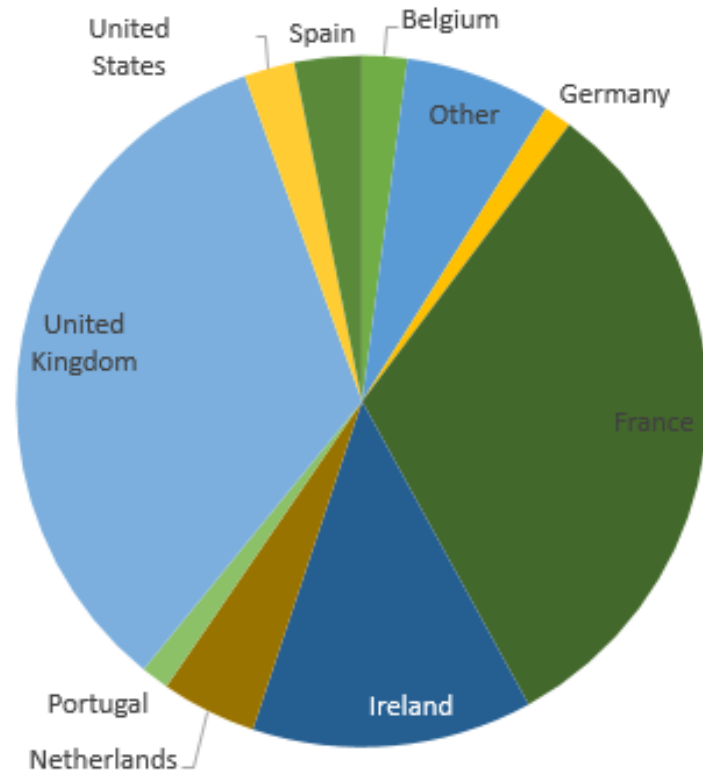


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# OPIN Membership

Country of origin – September 2020

381 members  
from 27 countries



Other countries (3 members or less):

Australia, Canada, Chile, Denmark, Finland, Hong Kong, India, Indonesia, Italy, Malaysia, Monaco, Norway, Russia, South Korea, Sweden, Switzerland, Taiwan, Vietnam



# OPIN Supports

- Annual Symposiums
- Workshops and Masterclasses
- Technology Assessment Processes (TAPs)
- Collaborative Innovation Groups (CIGs)
- Travel Support

# Interreg North-West Europe

EUROPEAN UNION

## OPIN

European Regional Development Fund

# Thank you!