



**CATHIE**



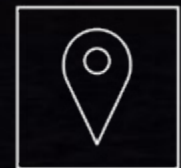
**60+** geoscience professionals



**1100+** projects completed



**450+** clients worldwide



**90+** countries worked in

## Our services offer support throughout the whole project lifecycle:



### Feasibility

Site suitability, desk study, geohazard assessment, concept design and risk management.



### Development

Survey consultancy, data management, integration and interpretation, ground modelling, cable burial risk assessment and route design.



### Design

Solutions for wherever offshore infrastructure interacts with the seabed, at every development stage.



### Installation

Solutions for installation issues from pile tip buckling to suction caisson under pressure, jackup analysis, trenching and burial assessment.



### Operation

Cable integrity risk assessment, remedial design, design re-evaluation for life-extension, decommissioning studies.



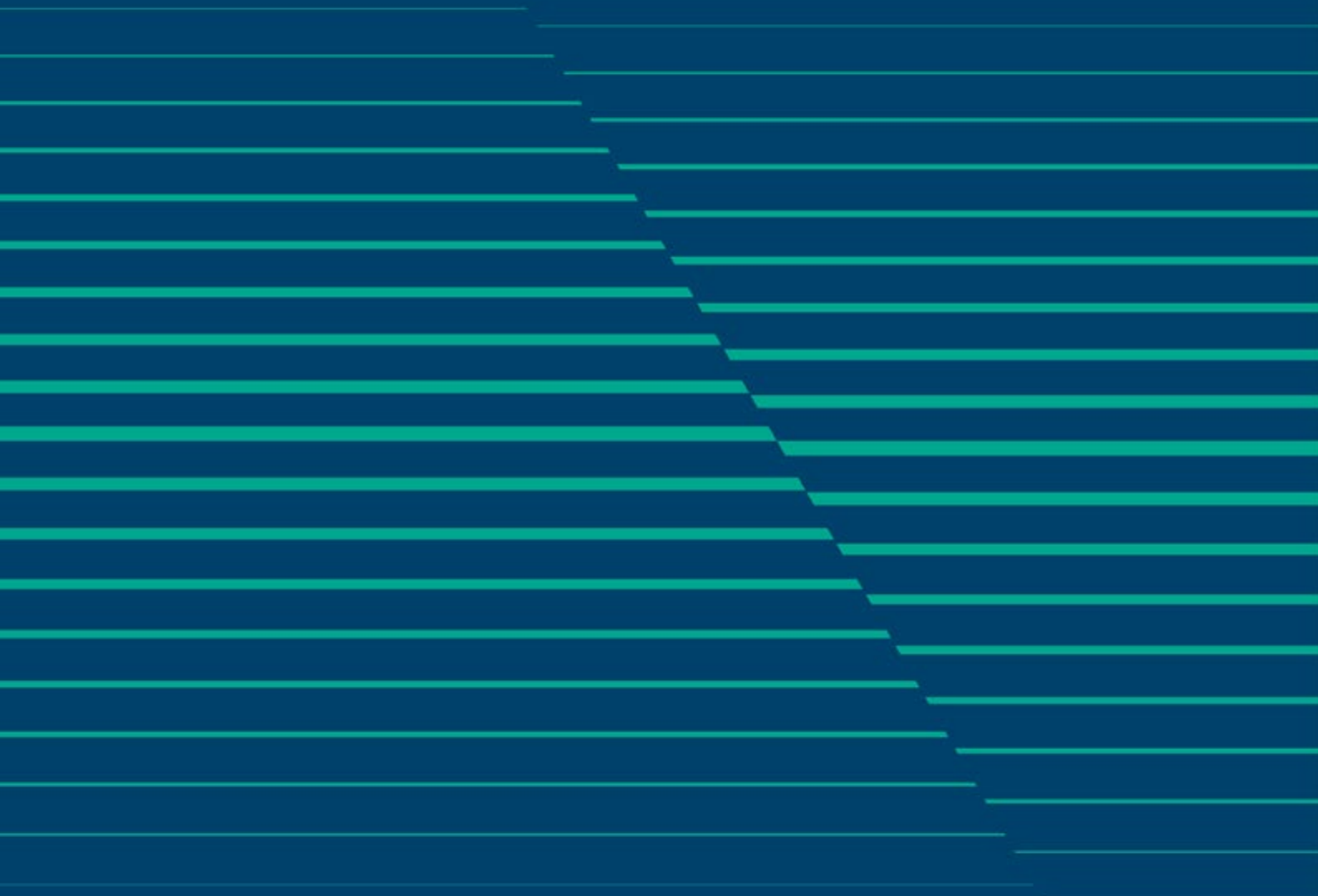
### Software

Commercially available O-Pile for pile design, in-house software such as JACA and Caisson.

## Over 90GW offshore wind experience worldwide

Including over 75GW experience gained through supporting some of the biggest offshore wind projects across Europe:

- Borkum Riffgrund 1-3
- Dogger Bank A and B
- East Anglia 1 and 3
- Gode Wind 1 and 2
- Hohe See
- Le Tréport
- Hollandse Kust Noord
- Hollandse Kust Zuid 1-4
- Horns Rev 2 and 3
- Moray Firth
- Seagreen
- Seamade



## Expertise, Seabed and Below

For more information, contact:  
[uk@cathiegroup.com](mailto:uk@cathiegroup.com)

[cathiegroup.com](http://cathiegroup.com)