



Helping Wind Power Grow

The Wind Farm **Project Stages**

1. Desktop Studies & Survey Scoping

Conceptual studies & Survey Specifications

2. Surveys & Testing

Geophysical & Geotechnical Surveys and Testing

3. Design Basis & Ground Model

All Input Properties

4. Basic Design

Design Methodology (Design Briefs) & Basic Design

5. Detailed Design

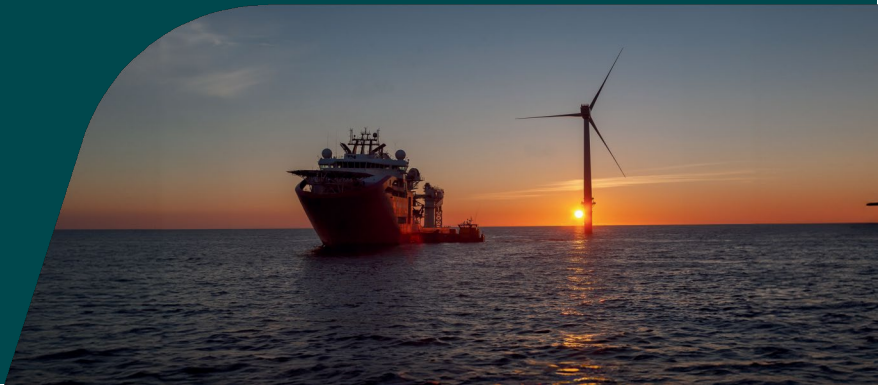
Site Specific Design & Risk Identification/Mitigation

6. Installation

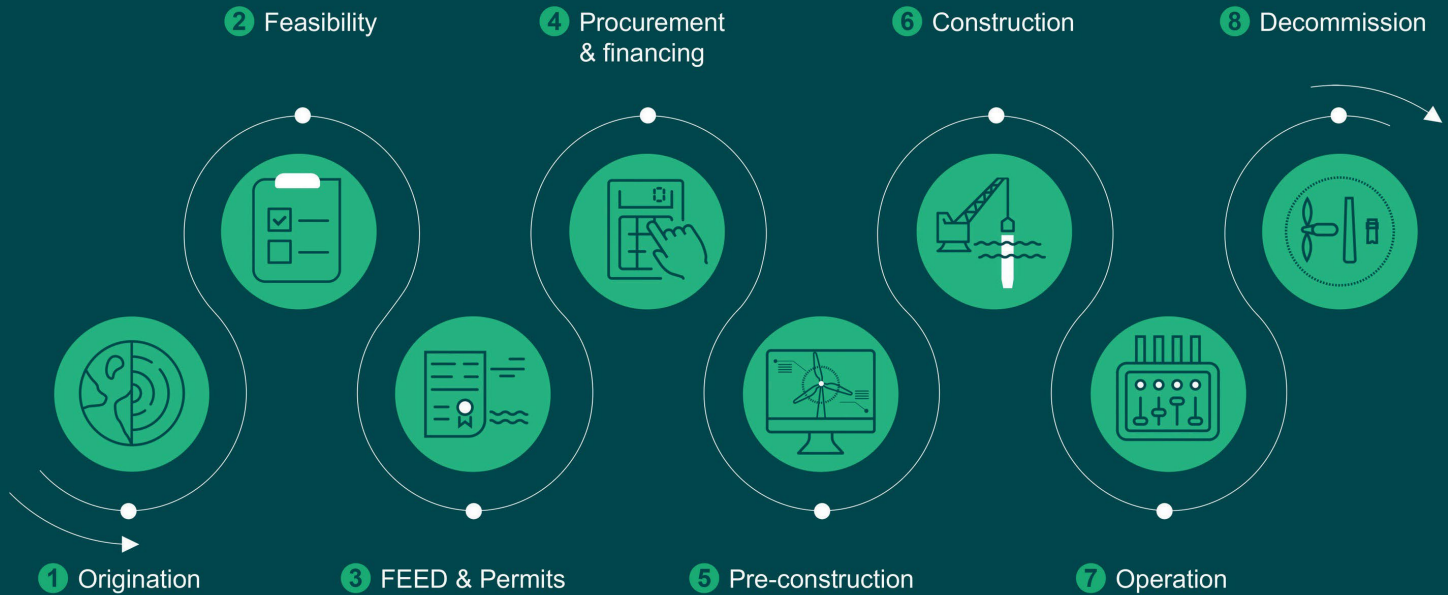
WTG & Cable Installation Technical Support

7. Decommissioning

End of the Windfarm Life Cycle



Providing integrated solutions at every stage of a project's lifecycle



Origination



Our Services

- Full environmental support
- Survey procurement, management & quality assurance
- Metocean data measurements, analysis & reporting
- Energy Yield Analysis & LCOE modelling
- Site identification, assessment & permissions
- Expert secondments

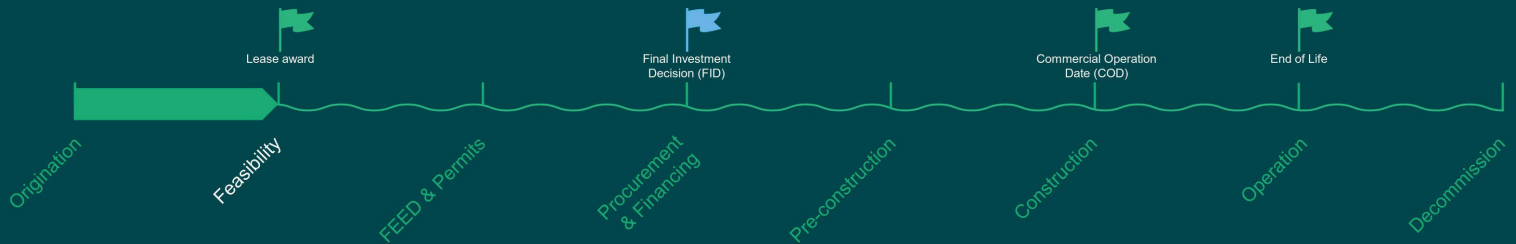


Feasibility



Our Services

- Full environmental support
- Survey procurement, management & quality assurance
- Extensive ground risk services
- UXO assessments and ALARP certificates
- Metocean data measurements, analysis & permissions
- Energy Yield Analysis & LCOE modelling
- Site identification, assessment & permissions
- T&I, ports & harbours consultancy
- Onshore and offshore substations & cabling design
- WTG foundation design
- Expert secondments

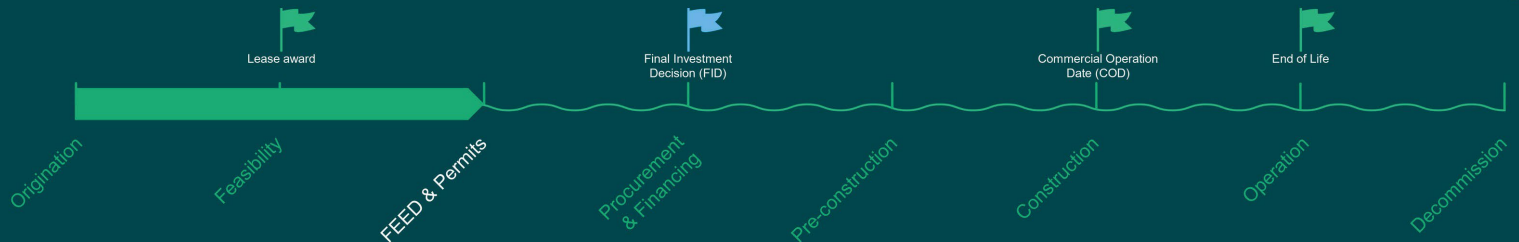


FEED & Permits



Our Services

- Full environmental support
- Survey procurement, management & quality assurance
- Extensive ground risk services
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- Metocean data measurements, analysis & permissions
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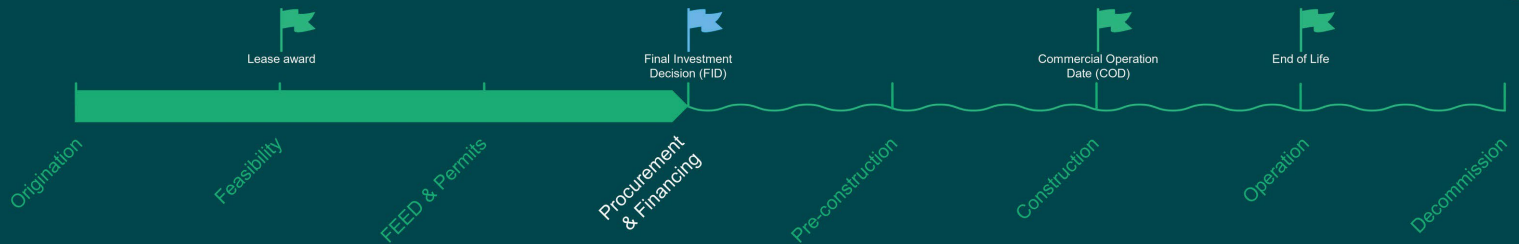


Procurement & Financing



Our Services

- Procurement support
- Due diligence
- T&I, ports & harbours consultancy
- Onshore and offshore substations & cabling design
- WTG foundation design
- Expert secondments



Pre-construction



Our Services

- Metocean data measurements, analysis & reporting
- Environmental mitigation & monitoring
- Pile driveability analysis
- Onshore and offshore substations & cabling design
- WTG foundation design
- Fabrication support consultancy
- Marine geotechnical services
- Specialist personnel
- Subsea equipment rental
- Expert secondments



Construction

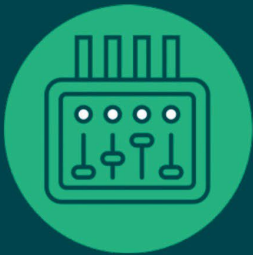


Our Services

- Metocean data measurements, analysis & reporting
- Environmental mitigation & monitoring
- Vibro lifting & pile driving technology
- Impact pile driving
- Design, fabrication & deployment of back-deck mission equipment
- ROV grouting monitoring
- Pile & TP grouting
- Materials logistics
- Fabrication support consultancy
- Marine geotechnical services
- Specialist personnel
- Subsea equipment rental
- Expert secondments



Operation



Our Services

- Asset life extension analysis
- Structural integrity management
- Flooded member inspection (FMD)
- Scour rectification
- Structural repair
- Specialist personnel
- Subsea equipment rental
- Expert secondments



Decommission



Our Services

- Vibro lifting & pile extracting technology
- Internal Lifting Tools (ILT)
- Cable recovery tools
- Marine geotechnical services
- Specialist personnel
- Subsea equipment rental
- NDT equipment rental
- Calibration, repair and maintenance
- Expert secondments



Our expertise

- Advisory
- Geoscience
- Environmental
- Survey
- Design
- Vibro Lifting & Piling
- Bespoke Mission Equipment
- High-load Connectors
- Offshore Grouting





GDG
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ENVIRONMENTAL

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ORDTEK

 **PARTRAC**



 **SBIT**

 **Balltec**
Engineered Solutions

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 **FOUND OCEAN**



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