



PMSS is a multi-disciplinary consultancy specialising in project development, project delivery, due diligence, health & safety, environment & consulting, quality management, technical services and civil, structural & electrical engineering.

We have a proven capability and track record in the delivery of offshore wind energy projects during design, development, construction and operational phases.

We understand the key risks with grid connection and cable design and installation which affect projects and therefore can help clients to “de-risk” their projects through the project life cycle.

We provide an industry leading team of cable industry professionals with expertise in:

- Grid connection
- Cable design and manufacture
- Cable installation
- Cable maintenance

Project Life Cycle and Services

Phase	Sub phase	Services
1 Feasibility	Site Selection	Grid Connection and initial Cable Routing
	Sanction to proceed	
2 Development	Consents/Env't Scoping	
	Initial FEED Studies	Cable Route Development
	Initial Site Surveys	Geophysics Survey Management
	Risk Management	Input to Risk Register on Grid and Cable Issues
3 Design and Procurement	ES Preparation, Consultation and Consent Application	Define outline methods and plant required for site
	FEED	Further Cable Route Development
	Detailed Site Surveys	Geophysical and Geotechnical Survey Management
	Risk Management	Cable Risk Assessment and Burial Assessment
	Cable Supply and Installation Contracts	Management of Tender Process
	Financial Close	Development of Contracts
4 Construction	Cable Package Management	
	Contractor Design and Planning	Review Contractor Method Statements and Risk Assessments
	Cable Build	Cable Design Review and Factory Inspections
	Construction Plant	Vessel Audits and Burial Equipment Audits
	Cable Installation and Commissioning	Technical Support and Client Representation on site
Take-over by Client		
5 Operations and Maintenance	Annual Surveys	Technical Support, ongoing Risk Management, Cable Asset Management
	Cable Maintenance	Technical Support and Client Representation on Site