We deliver a set of services to support you in selecting a site, assessing conditions, defining cable routes, ensuring technical feasibility and integrating your project into the local area.

- Site screening and layout design
- Resource assessment & metocean data
- Geophysical surveys
- Offshore infrastructure specification
- Preselection of mooring type
- Environmental expertise
- Consents & licensing
- Acceptability
- Project development
- Certification
- Impact assessment

PROJECT DEVELOPMENT SUPPORT

Neopolia provides expertise ranging from project development strategies to infrastructure deployment strategies for marine renewable schemes.

The cluster’s technical experience and capability enable project-specific risks to be identified, ensuring the project is seamlessly integrated into the local environment and guarantees the technical feasibility of operations.

We have the solution to help you:

- Identify & assess your energy resource
- Address environmental issues from the outset
- Conduct technical scoping
- Assess the costs and risks.
PROJECT DEVELOPMENT SUPPORT

Who? Who are the potential buyers?
- EPC or commercial MRE farm project developers
- MRE technology developers
- Government agencies

Why? Why commission this service?
- Assess resource & potential yield
- Start a marine renewables project
- De-risk a marine renewables project
- Validate a project

What? What we can implement?
- Geophysical studies
- Social, economic & environmental studies
- Study-based advice & guidance
- Permitting applications

Where? This solution applies to:
- All parts of the world
- All MRE technologies
- Onshore & offshore facilities

When? When should you call on us?
- When you require support for conducting pre-project assessments
- When you wish to develop your own project pipeline
- When you need to design a full-scale site test for a technology
- When you seek to develop a pilot or commercial MRE farm

Step 1 - Resource
- Locate potential sites
- Identify appropriate zones

Step 2 - Project start
- Macroscopic site characterisation
- Determination of the main issues & constraints

Step 3 - De-risking
- Technical & logistic feasibility
- Environmental & regulatory feasibility

Step 4 - Technical assessments
- Geophysical & bathymetric surveys
- Resource assessment & project scoping

Step 5 - Project validation
- Certifications, technical & financial validations
- Permitting, environmental & public acceptability
- Support for the project developer

Step 6 - Environmental monitoring
- Monitoring of site conditions & environmental parameters
- Scientific assessments & recommendations