

Supporting Technology Developers at EMEC (2003 – ongoing)

Aquatera has supported a number of marine energy developers in their preparations for deployment at the European Marine Energy Centre (EMEC). This has included a range of services including securing the necessary licence and consents, operational planning, health and safety management and environmental monitoring.

Permitting support

All berth users require their own Marine Licence (previously FEPA and CPA Licences) and in some cases, a Licence to disturb European Protected Species (EPS Licence) and basking shark (Basking Shark Licence). In order to secure these licences, developers are required to provide device specific environmental assessments, navigational risk assessments, Environmental Mitigation and Monitoring Plans and in some instances information to support a Habitats Regulations Appraisal. Stakeholder consultation is a crucial component in the licence application process.

Aquatera has provided the following support to both wave and tidal developers:

- Baseline environmental and technical surveys
- Environmental Assessment
- Navigational Risk Assessment
- Provision of information to inform Habitats Regulations Appraisal (HRA)
- Environmental Mitigation and Monitoring Plans
- Stakeholder consultation (regulators, statutory advisors, local stakeholders etc)
- Review and negotiation of proposed Licence Conditions post application

Operational and health and safety support

Aquatera and partners Orcades Marine have provided bespoke support for developers testing at all scales to ensure safe and cost effective deployments. Support services to date have included:

- Project design review
- Development of Safe Working Method Statements
- Hazard Identification and Risk Assessment (HIRA)
- CDM Co-ordination

Aquatera and Orcades Marine have provided a combination of these support measures for the following technology developers; Voith Hydro (on three occasions), Flumill, Openhydro, Scotrenewables, Wello Oy, Ocean Power Technologies, Pelamis Wave Power, Seatricity, Aquamarine and Hammerfest Strøm.

