

Offshore Wind

Arcus has a strong track record in providing environmental and consenting services to the offshore wind industry. Arcus' offshore services are based on our experience in Environmental Impact Assessment, consent management and discharge of consent conditions, in combination with a strong project management focus. These services include:

- Environmental Impact Assessment (EIA)
- Habitats Regulations Assessment (HRA)
- Stakeholder Engagement
- EIA Work Package and Technical Specialist Management
- Consent Management
- DCO and Examination Support
- Post-Submission Support
- Drafting of Conditions
- Drafting Consent Plans
- Conditions Discharge Management
- Construction and Operational Monitoring
- Complete EIA and Planning Services for associated Onshore Connections, from scoping through to operational monitoring

Arcus has an impressive portfolio of delivering complex offshore wind and other marine renewable schemes. We assemble bespoke teams based on the specific dynamics of each project, providing expert environmental strategists, specialist regulatory advisors and experienced project managers. Our personnel are also frequently integrated into our clients' development teams as secondees.



Selected Projects

Beatrice Offshore Wind Farm, Scottish Territorial Waters (Beatrice Offshore Wind Farm Ltd)

Arcus was appointed by Beatrice Offshore Wind Farm Ltd (BOWL) to provide EIA management support to the Beatrice Offshore Wind Farm Project. The 750 MW project was consented in March 2014. Arcus provided EIA coordination and strategic EIA and HRA advice for the project, including staff secondments into the development team. A number of complex environmental issues were overcome in the consenting phase of this project, including sensitive HRA considerations regarding marine mammals and ornithology. Arcus also provided support on the discharge of the consent conditions for the offshore project, with construction planned in 2016.

Arcus led the EIA services for the onshore grid connection, comprising the HVAC cable and onshore substation, successfully achieving planning permission in principle and subsequently detailed planning permission. Currently, Arcus is leading the discharge of conditions for the onshore transmission, with construction commencing in spring 2016.

Fife Energy Park Offshore Demonstration Turbine (Scottish Enterprise)

The Arcus offshore team worked closely with Scottish Enterprise and Samsung Heavy Industries, undertaking environmental studies and preparing marine license, dredging and turbine applications under Section 36 of the Electricity Act 1989 for the erection of a 7 MW turbine, 200 m in height. The turbine is being tested for its efficiency and performance in order to allow for its future deployment into the offshore market. Arcus provided support throughout the consenting process and coordinated the production and delivery of the documents necessary to discharge the conditions on the consent. Arcus continues to provide support during the operational phase regarding noise and ornithology monitoring.

Firth of Forth Offshore Wind Farm Round 3 (Seagreen)

Arcus was appointed by Seagreen to provide a peer review of the Environmental Statement (ES) produced for the Firth of Forth Round 3 wind farm. The development consists of two stages with a combined output of up to 1.1 GW. Arcus provided strategic EIA advice and review so as to finalise the document ready for submission. The focus was on the quality checks and comments which were felt to provide a material improvement to the Environmental Statement.

Arcus provided a team of senior, experienced EIA project managers for this review role, drafted the socioeconomic chapter for the project and revised some of the methodologies alongside Seagreen and the technical teams to deliver a robust ES for submission.

Arcus also continues to provide support to the Seagreen project in relation to the onshore grid connection infrastructure.

Forthwind Offshore Development (2B-Energy)

Arcus managed the Section 36 and Marine Licence EIA and consenting process for this offshore development in the Firth of Forth, which is currently under consideration by the Scottish Ministers. The project will utilise a novel turbine technology aimed at driving down the cost and some of the anticipated environmental effects of offshore wind. Arcus is continuing to provide technical support during the post submission period.