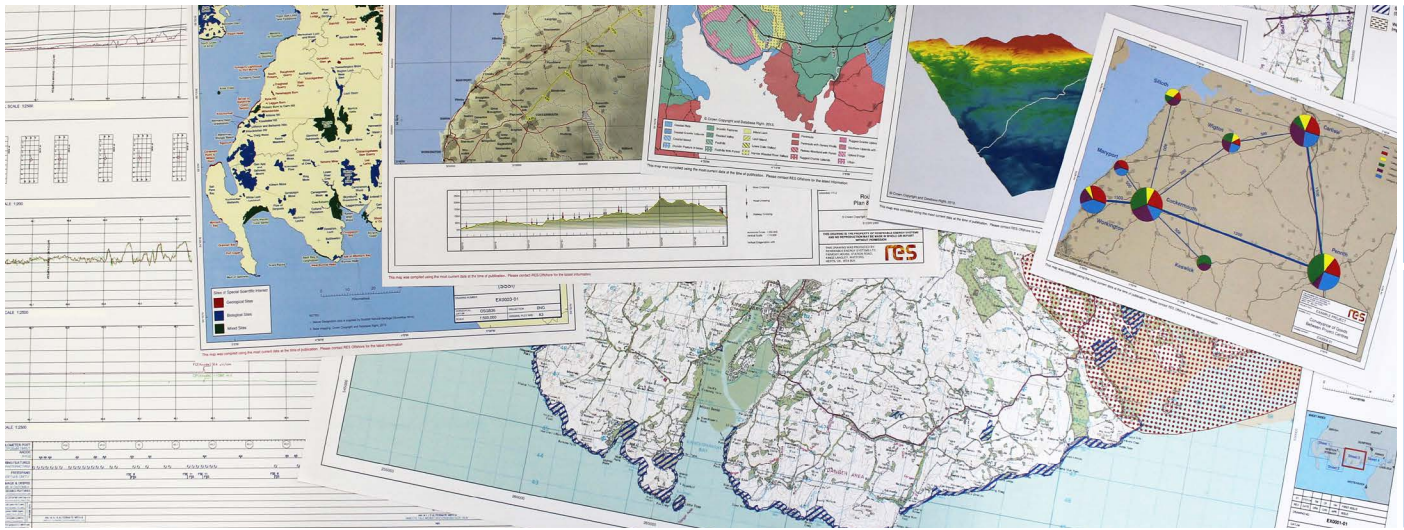


GEOGRAPHICAL INFORMATION SYSTEMS CARTOGRAPHIC MAPPING



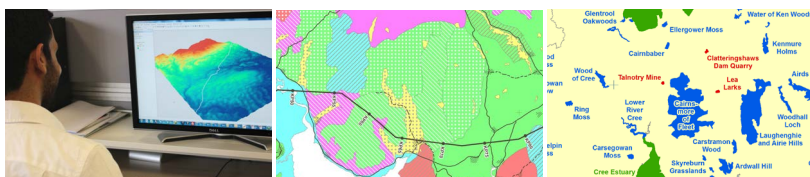
Geographic data is the cornerstone of any infrastructure development project. RES Offshore provide a full Geographic data service to support this requirement. Our capabilities include Cartographic Mapping, Geospatial Analysis and Geographic Data Acquisition & Management for every stage of the project life-cycle.

Supporting your requirements, we deliver:

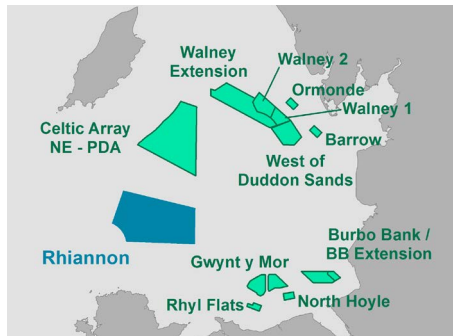
- Simple location maps, whole map series, illustrations for reports, sketches and wall maps.
- Topographic, hydrographic, geological, environmental and other thematic mapping.
- 3D visualisations, plan & profiles with accompanying cut/fill volume calculations.
- Web based, interactive maps.
- Project mapping, tailored to your requirements.

Benefit from our experience:

- We produce clear and concise mapping products that communicate effectively in a cost efficient and timely manner.
- Our experience across the mapping sciences (geodesy, surveying, cartography, photogrammetry and remote sensing) means we can provide expert advice on the use and appropriateness of geographic data.
- Our worldwide experience means we are able to deal with numerous map projections and can establish project coordinate systems if required.
- We are accustomed to working with data from various sources: tables, topographic and thematic mapping, aerial photography, satellite imagery, elevation data, and bespoke data sets including environmental designations, shipping and meteorology.
- Our rigorous ISO9001 compliant procedures ensure all work is quality assured.
- Our in-house development team are on hand for any required technical reviews.
- Our in-house Drawing Management software is integral to our working practises and ensures drawings are version controlled.



CASE STUDY



RHIANNON WIND FARM

Client: Celtic Array Limited

Size: approx 500km²

No. of turbines: up to 440 turbines

- Maintenance of over 500Gb of project data within a tailored GIS Database.
- Development of over 800 controlled drawings and more than 200 sketches.

We take a personal approach and add value by:

- Working with you to understand your audience and convey your message appropriately.
- Tailoring the end product to fit your corporate identity.
- Evaluating data quality, accuracy, currency, coordinate systems and populate metadata accordingly.
- Finding cost effective means of sourcing missing data and/or commissioning bespoke surveys to fill any gaps.

About RES Offshore

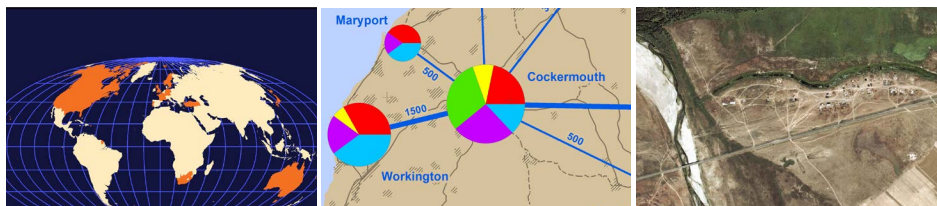
RES Offshore offers integrated development, engineering, construction and AO&M services for utility-scale renewable energy projects. From offshore wind to wave and tidal, we bring to projects the considerable skills and experience that we have acquired over 30 years in the renewables industry. RES Offshore is part of the RES Group, one of the world's leading renewable energy project developers. To date, RES has delivered more than 8000MW of wind energy capacity worldwide.

We welcome the opportunity to discuss how we may support you – please call +44 (0)1923 608 200 and ask to speak to our GIS Team

For further information:

RES Offshore, Faraday House, Station Road, Kings Langley, Hertfordshire WD4 8LH

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