

Data and facts

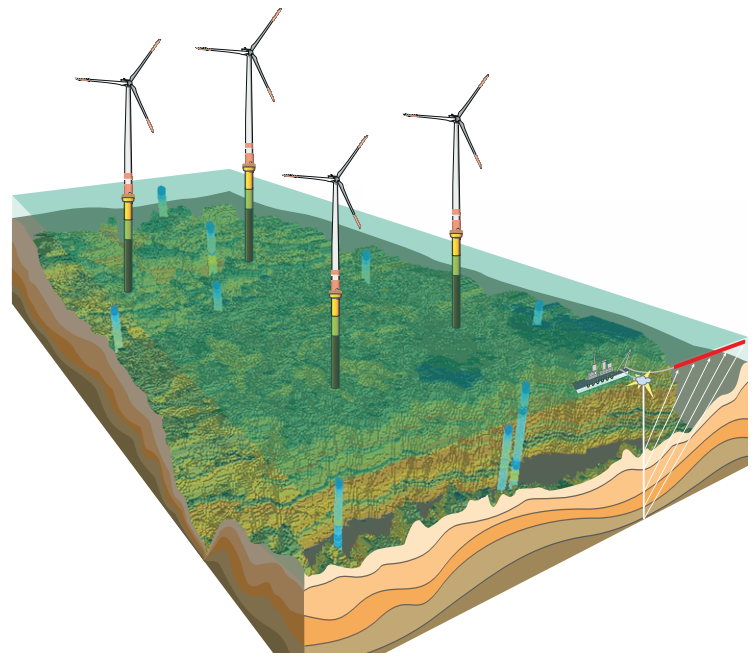
Integrated Quantitative Ground Model

Fraunhofer IWES Geotechnics and Soil Mechanics

Fraunhofer IWES offers integrated ground modeling for offshore wind farm sites combining various geological, geophysical and geotechnical information for a three-dimensional estimation of desired parameters at unexplored positions.

Our competences at a glance

- (Re-)processing of seismic data
- Combined (re-)interpretation of geotechnical and seismic data for geological ground model building
- Integration of seismic and geotechnical data for creation of a quantitative integrated ground model
- Prediction and uncertainty estimation of geotechnical parameters
- Interpretation and selection of soil parameters for foundation design
- Experience in certification processes for a specific foundation design



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