



TechnologyTransfer

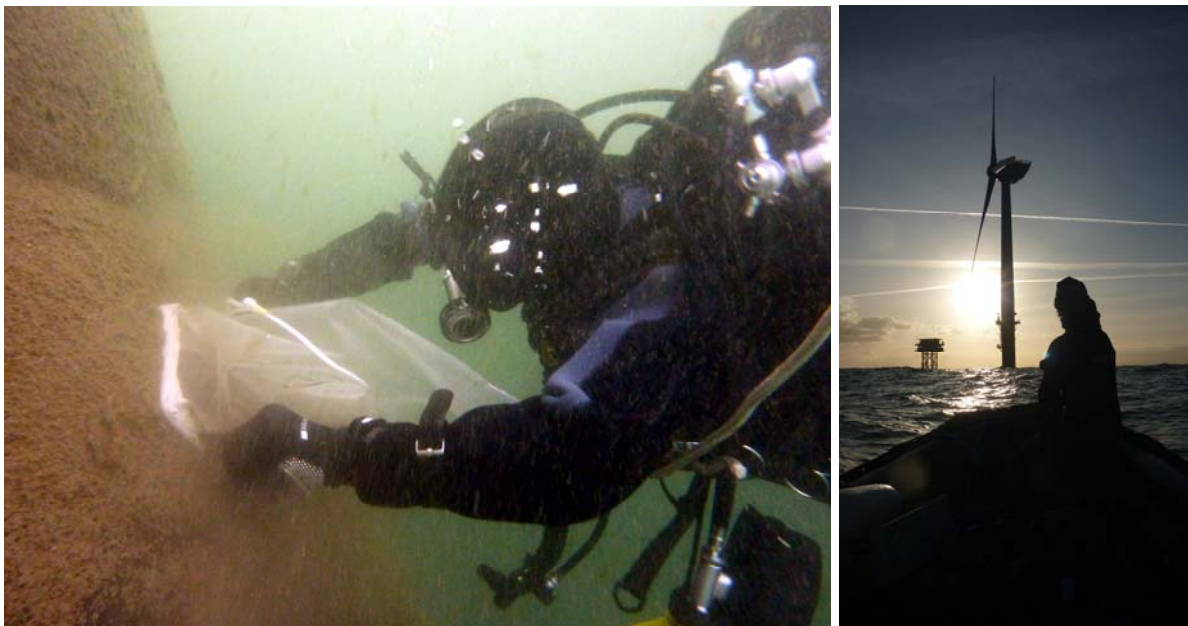
Future by Innovation

FROM RESEARCH TO APPLICATION



Marine biological data acquisition, surveys and expert assessments

For years, divers and scientists of the Alfred Wegener Institute (AWI) have been conducting research for the Federal Environment Ministry (BMU) and the Federal Maritime and Hydrographic Agency of Germany (BSH) at Offshore Wind farm locations through projects such as BeoFINO, BeoFINO 2, STUK+. In the course of this research, standard investigative concepts have been developed to study the effects of offshore wind power plants on the marine environment (StUK), to be applied in today's wind farms.



Sampling at alpha ventus

As a result of these activities, AWI-scientists involved in this research as well as external colleagues, **datadiving** was founded.

Hence, **datadiving** commands a qualified and experienced team of research divers with a scientific background in biology and environmental sciences.

The service portfolio encompasses the concept and the implementation of diving tasks for the sampling, mapping and surveying of subaquatic habitats as well as the preparation of expert assessments and strategy drafts.

At this time, we offer

- ▶ concept and implementation of submarine ecological concomitant studies at offshore wind farms in the German exclusive economic zone
- ▶ preparation of expert assessments
- ▶ provision of a complete research diving team as well as single experts and operations management

The emerging enterprise disposes of the following qualifications:

- ▶ Northern Sea experience through many offshore deployments in varying research projects of AWI
- ▶ Various diving sampling excursions at the construction foundations of wind farm *alpha ventus*
- ▶ studies at ship wrecks in the Northern Sea
- ▶ studies of various herring-breeding areas in the Baltic Sea
- ▶ biologic-ecological studies at tropical coral reefs
- ▶ cinematic and photographic scientific documentation

The experts of **datadiving** are very familiar with the possibilities and boundaries of underwater research. Currently, the divers are integrated in ongoing research diving projects at the wind farm *alpha ventus* (standard analysis STUK3 and research project STUK+).

As an enterprise outsource of the Alfred-Wegener-Institute, **datadiving** constitutes a strong affiliate for implementations in regards to content and corporate ideas and goals from the beginning.

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