

# Our strengths – your added value

## Access to unique know-how and extensive facilities

Fraunhofer makes its broad technology portfolio in maritime engineering together with its extensive experience in interdisciplinary collaboration available to companies for the development of new products and services.

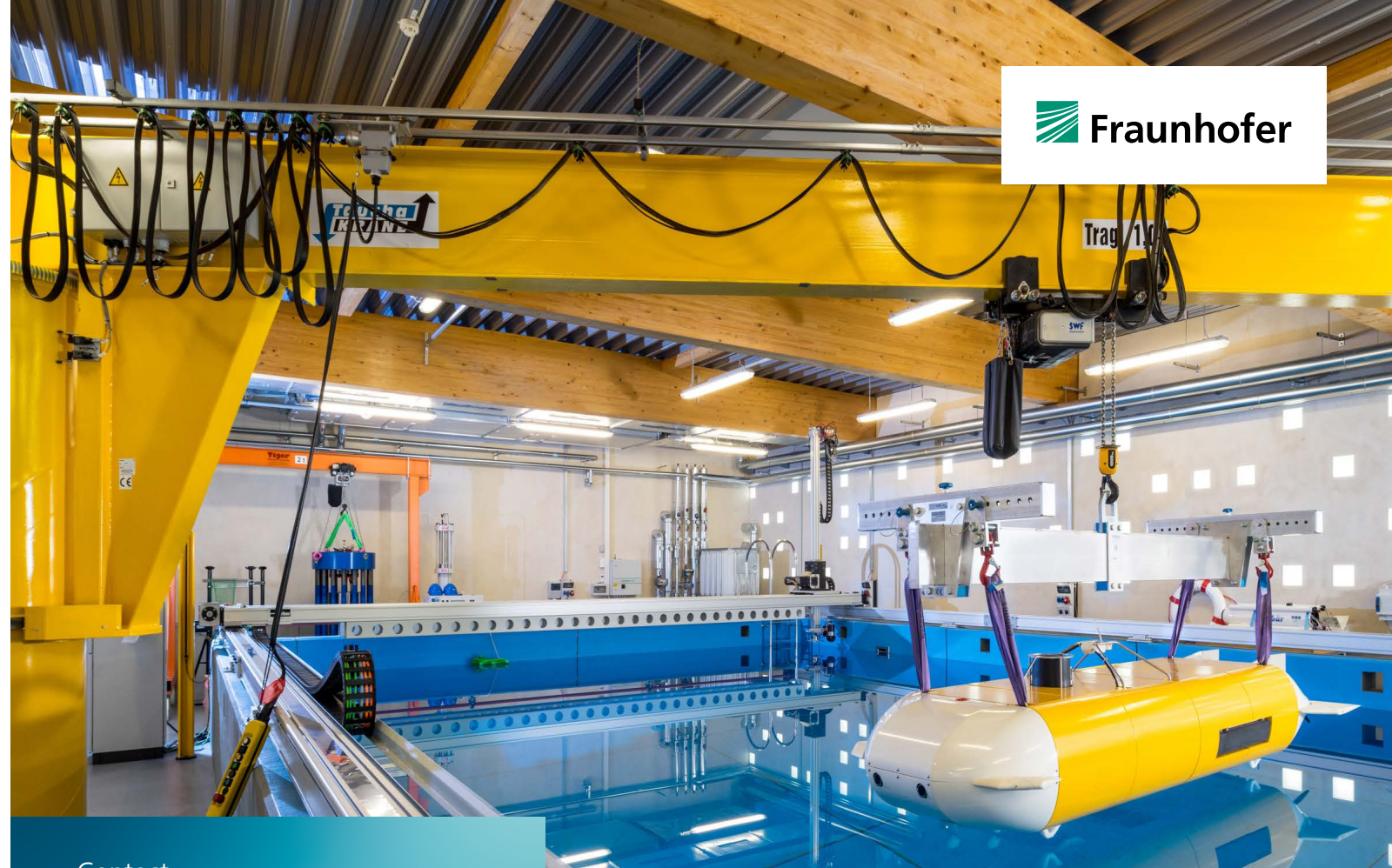
Fraunhofer has more than 70 years of experience in transferring new technologies to industrial applications.

Potential forms of collaboration include:

- Contract research for industry, business and government
- Studies, analyses and evaluation
- Consulting, monitoring and training
- Testing and certification
- Creation of concepts, models and practical solutions
- Development of new technologies, prototypes and complete systems
- Licensing of Fraunhofer technologies

## We always enjoy new challenges!

We would be happy to discuss with you how we can best meet your requirements and create a tailor-made offer for you.



 **Fraunhofer**

## Contact

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## Our network

The interdisciplinary OceanTechnologies@Fraunhofer network of excellence comprises a number of Fraunhofer institutes at various locations in the Federal Republic of Germany. As one of Europe's leading networks for applied research in underwater technology, it covers the entire bandwidth of marine and underwater engineering. Research teams drawn from different scientific backgrounds work in close collaboration to develop technical, conceptual and system-oriented solutions for the sustainable use of the oceans and customized service packages geared to the needs of industry.

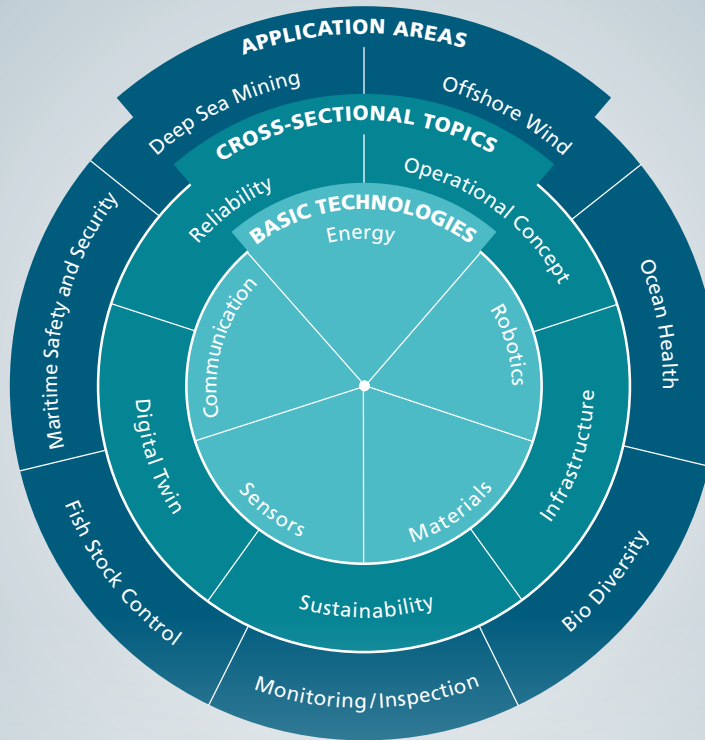
## Test fields and laboratories

Solutions for practical use in scenarios ranging from shallow water to deep sea

Fraunhofer operates various test fields and laboratories for the purpose of researching major issues and concerns in the maritime sector and to provide optimal support in the development of maritime technologies. These range from offshore test fields such as the Digital Ocean Lab off the coast of Rostock and aquaculture facilities to analytical laboratories and test rigs. Customers and partners have access to these infrastructures, allowing Fraunhofer to create real added value for industry.



## Applied research



### Examples of technologies

Depending on the area of application, different technologies and cross-sectional topics may be relevant and can be freely combined with each other. This results in concrete technological solutions. Here are a few examples:

- Underwater laser measurement
- Sensor sleeves for offshore structures
- Underwater coating robots
- Underwater fish observatory for non-invasive monitoring
- Autonomy capability for mobile robot systems
- Semi-automatic direction finder system for precise surveying and mapping



The network offers reliable access to test fields and laboratories throughout Germany.