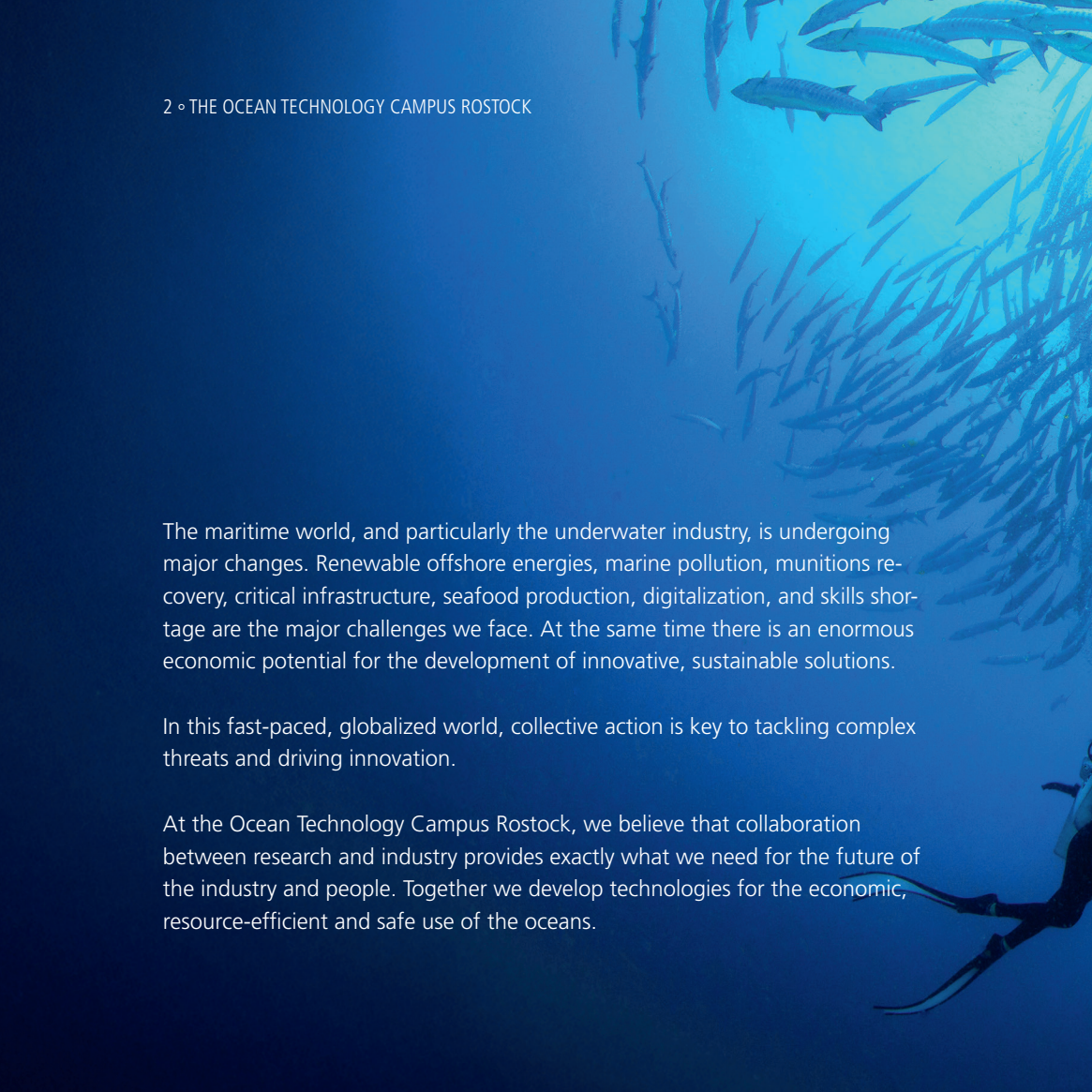
OCEAN
TECHNOLOGY
CAMPUS ROSTOCK

Working Together for the Future of Your Business



The maritime world, and particularly the underwater industry, is undergoing major changes. Renewable offshore energies, marine pollution, munitions recovery, critical infrastructure, seafood production, digitalization, and skills shortage are the major challenges we face. At the same time there is an enormous economic potential for the development of innovative, sustainable solutions.

In this fast-paced, globalized world, collective action is key to tackling complex threats and driving innovation.

At the Ocean Technology Campus Rostock, we believe that collaboration between research and industry provides exactly what we need for the future of the industry and people. Together we develop technologies for the economic, resource-efficient and safe use of the oceans.


What We Build Today
Defines How We Live and
Work Tomorrow
Image by OceanImageBank – Masayuki Agawa

The Innovation Center for Sustainable Ocean Use

The Ocean Technology Campus Rostock is a strong, vibrant alliance amongst top-class research institutions and forward-looking maritime companies.

Founded in 2021 and funded by the German Federal Ministry of Education and Research as Cluster4Future, we have set ourselves to becoming the **leading national and international innovation center** in the field of underwater technology in the next few years.

From our base in Rostock, Germany, we create an innovation ecosystem that actively addresses major challenges for the underwater industry, developing innovative, sustainable solutions while providing excellent opportunities and great support to all partners along the entire value chain: From education to research to production. **Together we solve the problems of tomorrow – are you on board?**

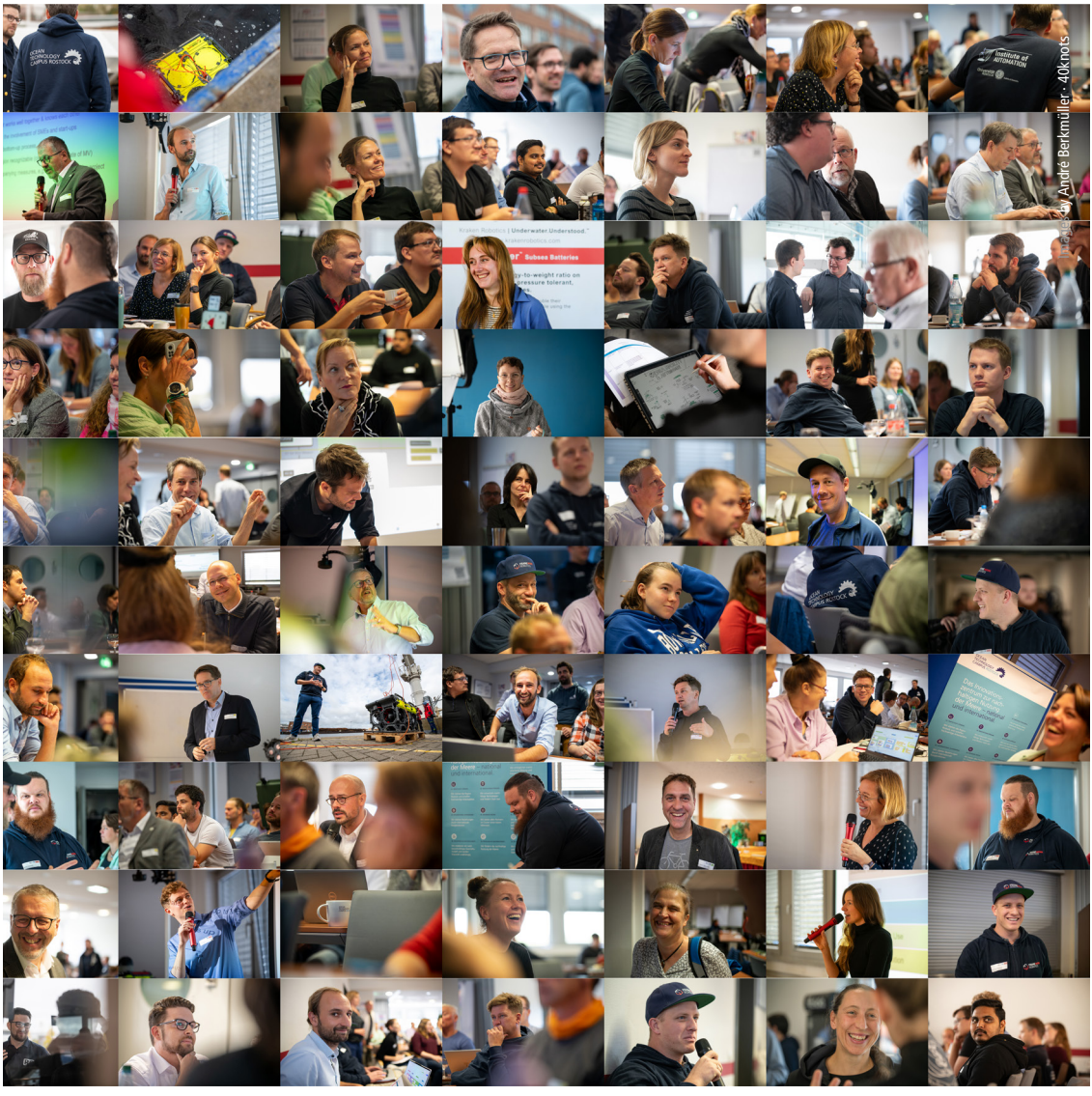


Photo by André Berkmüller - 40knots

Economic Growth and Success Starts with Us

Get ahead and accelerate your progress as you can always rely on partners for guidance, support, and inspiration, while also leveraging valuable synergies that benefit you, your project, and your organization.

Minimize costly engineering errors by using our exceptional infrastructure and ideal testing conditions, enabling you to considerably shorten development time.

Strengthen your competitive advantage by gaining insights into latest developments, trends, and research by networking with our high-class partners.

Access highly educated and motivated professionals by utilizing our close collaboration with the University of Rostock and further research institutions.

One of a kind: Our Underwater Laboratory

About one kilometer from the coast near Rostock in the Baltic Sea, at a depth of more than ten meters, a unique underwater test field is at your disposal: The Digital Ocean Lab.

Operated by our partner, the Fraunhofer Institute for Computer Graphics Research (IGD), and equipped with an extensive range of sensors, broadband connection, and power supply, the field offers companies various test areas for different scenarios.

There is no other place where you can test your products and technologies under realistic conditions and in such proximity to the mainland.

54° 10′ 50″ N | 11° 56′ 60″ E
The Digital Ocean Lab with 750 hectares of endless testing possibilities

We Asked Our Industry Partners – Here Is What They Said

The synergies resulting from our involvement in the Ocean Technology Campus play an important role in the development of our company. As a result, we have now moved our company headquarters to Rostock due to the direct connection to the Warnow River, the Baltic Sea, and the Digital Ocean Lab, as well as the existing infrastructure and short distances to other companies and research institutions. Here we find optimal conditions for research and testing activities.

Dr. Frank Niemeyer, Manager Test Department
Subsea Europe Services GmbH

The Ocean Technology Campus is an important network of partners, experts, and customers for us. It provides us with resources, and a specific infrastructure and space to develop new technologies that will make us competitive with speed and precision. Our involvement in the Ocean Technology Campus is a good and important investment in our future as a company.

Nico Günzel, Founder & CEO
FRAMEWORK ROBOTICS GmbH

As a member of the Ocean Technology Campus, we experience technological expertise and creativity regarding future maritime issues right in front of us. As a company, we gain access and insight into current research that we would otherwise only be able to consume passively years down the line. This fits perfectly with the establishment of our new site in the Rostock Offshore Quartier.

Dr. Henrich Quick, Head of Offshore
50Hertz Transmission GmbH

THE PEOPLE

150

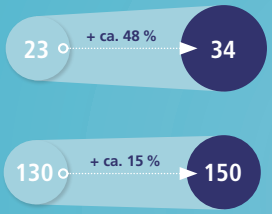
Entrepreneurs, researchers, students, professors, engineers, project managers, founders, developers, planners, designers ...

CURRENT PROJECTS

11
Projects with applied research

4
Accompanying projects

WE'VE GROWN (2021 TO NOW)



Past and Present

Second phase
2025 – 2028

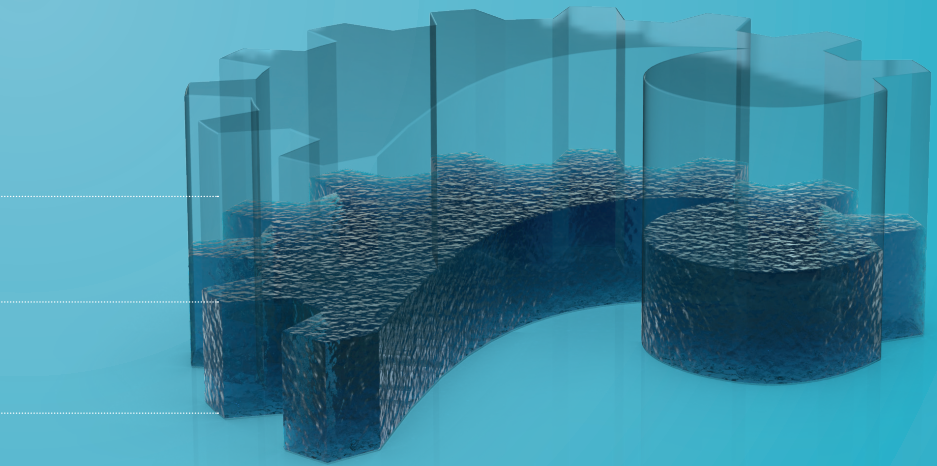
First phase
2021 – 2024

Our Journey in Figures

THE MEMBERS

34 Organisations

20	3	7	4
SME	Large companies	Institutes	Associations



What We Work On – Our Five Fields of Innovation

Campus Management
info@oceantechnologycampus.com

SUBSEA MOBILITY & AUTONOMY

Modular solutions for autonomous vehicles with highly flexible, energy-efficient properties as well as stable communication and positioning.

DIGITAL MISSION

The Digital Twin is a powerful concept for integrating scalable data platforms, AI-based analyses and simulations to support offshore missions and decision making.

SUSTAINABLE OCEAN USE

Controlling and reducing negative environmental impacts while opening areas of marine resource usage.

OCEAN LENSE

Efficient monitoring by utilizing emerging technologies to quantify the impact of human activity on marine systems to ensure conservation.

OCEAN OPEN INNOVATION

Cross-organizational collaboration among partners, building a functional innovation ecosystem, and improving value chains.

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Ocean Technology Campus Rostock – Where Science and Businesses Collaborate to Shape the Future of Sustainable Underwater Technology.

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CLUSTERS 4 FUTURE
Next generation innovation networks

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