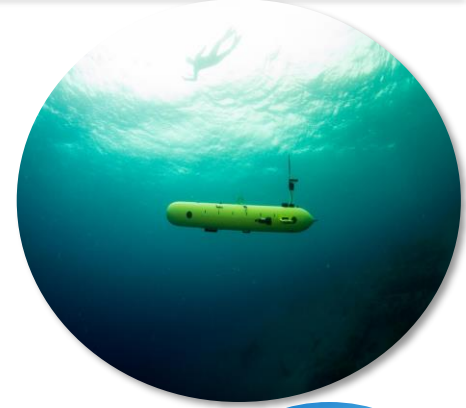




This project is co-financed by the
European Union and the Republic of Turkey
Bu proje Avrupa Birliđi ve Türkiye Cumhuriyeti tarafından
finanse edilmektedir



İlkyaz KOCA SEAROVER

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searover
Robotics

Description of the Organization



s e a r o v e r
Robotics

- Searover provides AI, IoT and robotics solutions for predictive & preventive maintenance and 7/24 health monitoring of underwater and energy assets. Searover aims to realize reliability-centered operation and maintenance by providing data and analysis to enable asset management and risk planning and so enabling companies to go for complete digitalization and automation in energy and marine industries.
- Searover has experience in joint collaborations with companies and universities with R&D projects in the national and international arena.



**Predictive Maintenance
Algorithm for Wind Turbines**



**Autonomous PV Cleaning
and Inspection System**



**Hydropower Plant Tunnel
Inspection ROV**

Restoring Oceans by

“ UNDERWATER TECHNOLOGY ”



ROV Series

ROV solutions for strategic missions



Underwater Inspection Operation

Underwater inspection and software solutions

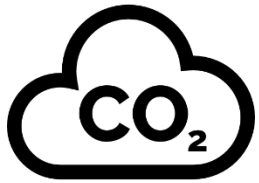


Customized Robots

Customized solutions available on demand

Underwater Services

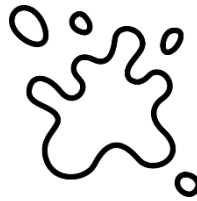
- Inspection Operation Service
- Tunnel profiling
- Image processing
- Analysis and reporting



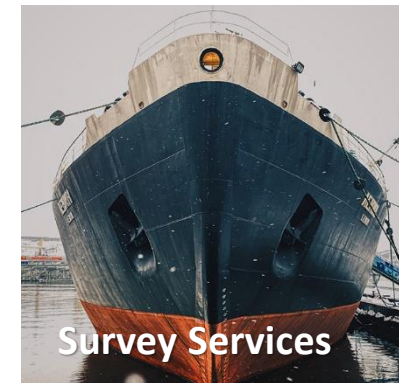
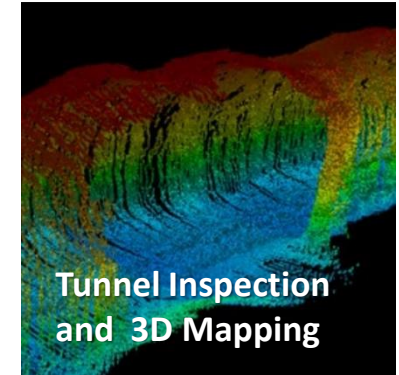
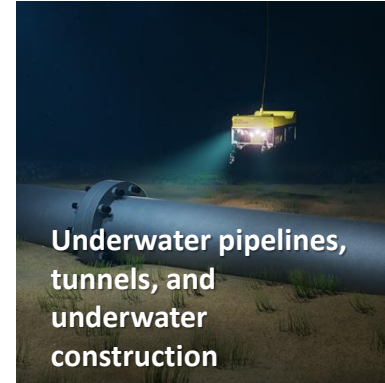
CO₂
Emission
detection



Classification
and leveling
of organisms by
image processing



Effect of
fouling
on fuel
consumption



Consortium - profile of known partners

- 10 partners are certain in the Consortium, including SME's , universities, and large companies from different expertises covering AI, robotics, autonomy and software.

Consortium - required partners

Expertise	Type	Country	Role in the project
Antifouling Paintings- Coatings	Company		Coating analysis



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