

Hands-on program: “Tech4Blue - practical solutions for a smarter coast” - program

Place: Institute Ruđer Bošković, Martinska

Date and time: 16th of October 2025 - 12:00-14:00

Programme overview:

Tech4Blue is a one-day applied program designed to offer **hands-on training and live demonstrations** of cutting-edge marine technologies. While the Innovamare Academy focuses on entrepreneurship and business development, Tech4Blue targets the **technical and operational side** of innovation - giving participants direct experience with tools and systems that are shaping the future of the blue economy.

The program covers practical deployment, control, and integration of technologies such as **Remotely Operated Vehicles (ROVs)**, **Autonomous Surface Vessels (ASVs)**, and **machine vision systems** for marine environments.

Key Technical Topics

- ROV inspection & maintenance applications
- Communication systems and automation for ASVs
- Machine vision for underwater object detection and monitoring
- Integration of sensor platforms and control systems
- Use cases in port security, infrastructure inspection, and marine research

Target audience:

- Marine-focused SMEs / Engineers from SMEs and startups
- Local public authorities
- Technical staff and field practitioners
- Coastal managers and NGOs
- Marine technology practitioners and technicians
- Public and private operators (ports, marinas, research institutions)

Thursday, October 16, 2025

	ROV systems & remote marine inspection
12:00 - 14:00 Hands on workshop session (location: Martinska)	Introduction to hands on workshop session services and opportunities for companies - application in business: Introduction on how new marine and aerial technologies can be applied in business and research contexts. Introducing ROV-s and aerial drones as remotely operated inspection tools. Participants will learn how these tools enable more efficient vessel, marina, coastal infrastructure inspections, deep sea inspections, aquaculture monitoring, and the exploration of underwater archaeological sites. Hands on workshop session: Interactive demonstration building on the introduction lecture, starting with an introductory session on operating underwater ROV and aerial drones to ensure all participants are familiar with the equipment. Participants will then explore the capabilities of these technologies in a variety of use-cases, experimenting and discovering their potential through hands-on activities. Lecturers: Mrs. Rina Milošević, University of Zadar and Mr. Martin Mozetič, Innovamare Technologies d.o.o.