Satellite communications and interdisciplinary training

Sector: Marine infrastructures

Short description of the needs:

Challenge: Space and telecommunications systems are increasingly complex, and a structural gap persists between university education and industry needs, particularly in hardware-oriented, experimental engineering and physics skills.

Objective: Strengthen satellite telecommunications and space instrumentations with applied research and integration with ground segment activities, data analysis, and collaborative projects. Foster closer university–industry collaboration through research and training to build new competences. Promote integration between space, maritime, underwater, and renewable energy domains, with a focus on interoperable communication and data integration across sea, subsea, and space layers.

Cooperation Opportunities: Develop initiatives on data exchange and surveillance systems for marine infrastructures, balancing synergies between space technologies, maritime operations, and energy applications and reinforcing long-term skills development and technology transfer.

More info: For more information apply to carlo.kraskovic@marefvg.it or alessandro.bosco@marefvg.it

Point of contact for the brief/challenge: Maritime Aerospace Renewable Energies Technology Cluster FVG