



OSM
Innovation

part of

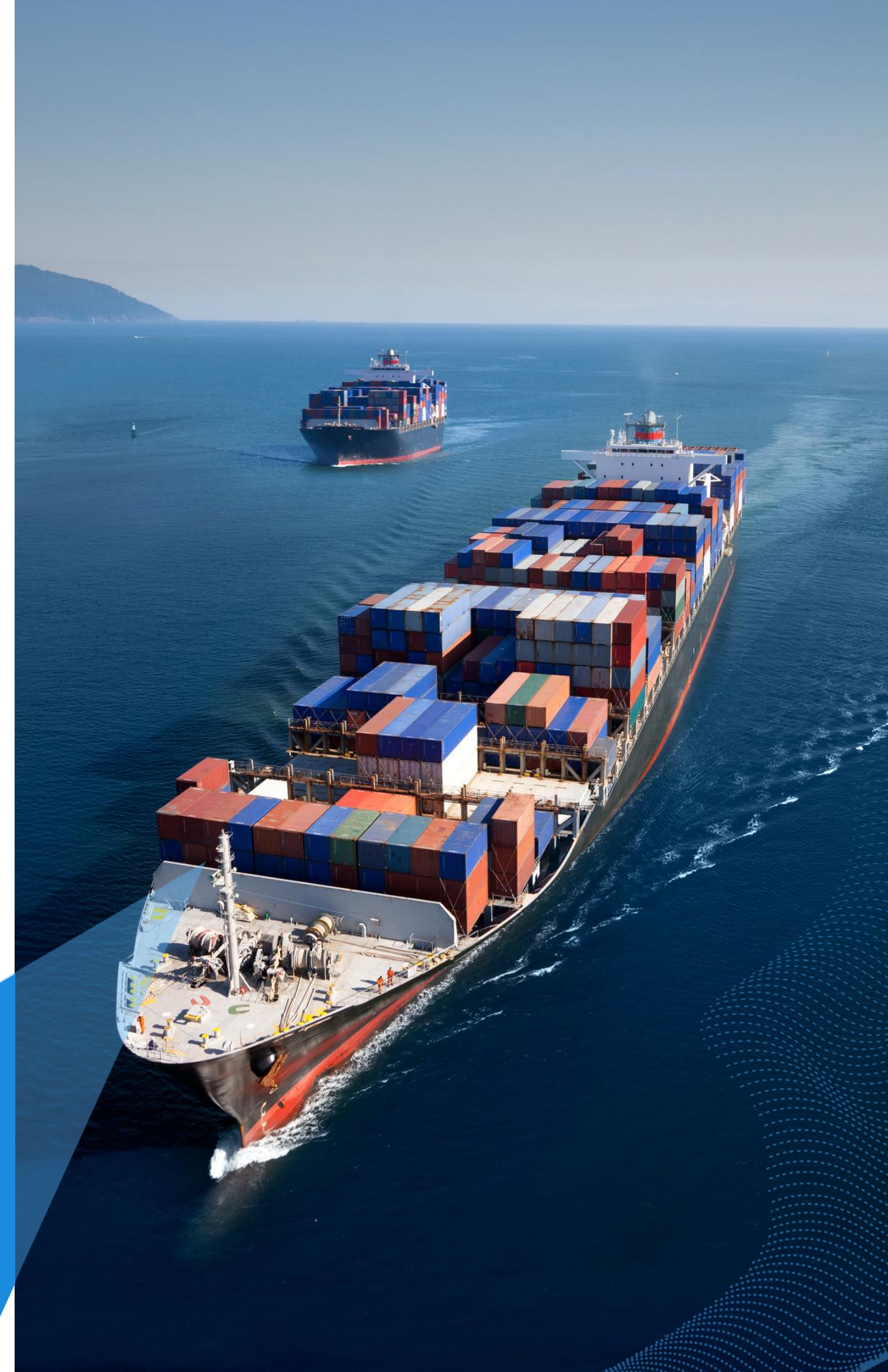


Offshore
Monitoring

OSM Innovation, part of O.M. OFFSHORE MONITORING LIMITED

Accelerating the maritime industry's transition to Smart Ship Technology, we focus on **innovation** and **leverage new technologies** to enhance safe navigation, sustainability, and maritime security. As a driving force behind this transformation, we initiate and develop new ideas, collaborate with partners, and write proposals that bring these concepts to life, seeing them through to successful delivery.

2024



ABOUT US



Background

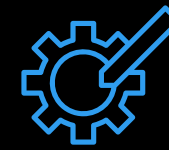


Cyprus-based Company

Founded in 2007 and have office in Limassol

Website Link: <https://www.offshoremonitoring.com/>

Projects



Coordinated 15+ maritime projects for European Commission, European Space Agency, C3S Copernicus Climate Data Store (ECMWF) and other Maritime related projects

Participated as partner in several EU and private projects since 2007

9 granted patent families (86 applications) covering different areas of innovations with protection in different jurisdictions

Team



Team of over a dozen multinational members with diverse skills in O.M Offshore Monitoring Ltd.

100+ members in the family of partner companies

Employees across Europe, Americas, and Asia

Awards

**Top
Researcher**

award by EU (2020)

5

spin off companies

9

9 patent families

**IPR
protection**

in Europe, USA and Asia

OUR MISSION

To **champion innovation and sustainability** in the maritime industry, **driving positive change for our planet and future generations.**

DOMAINS WE SPECIALISE IN

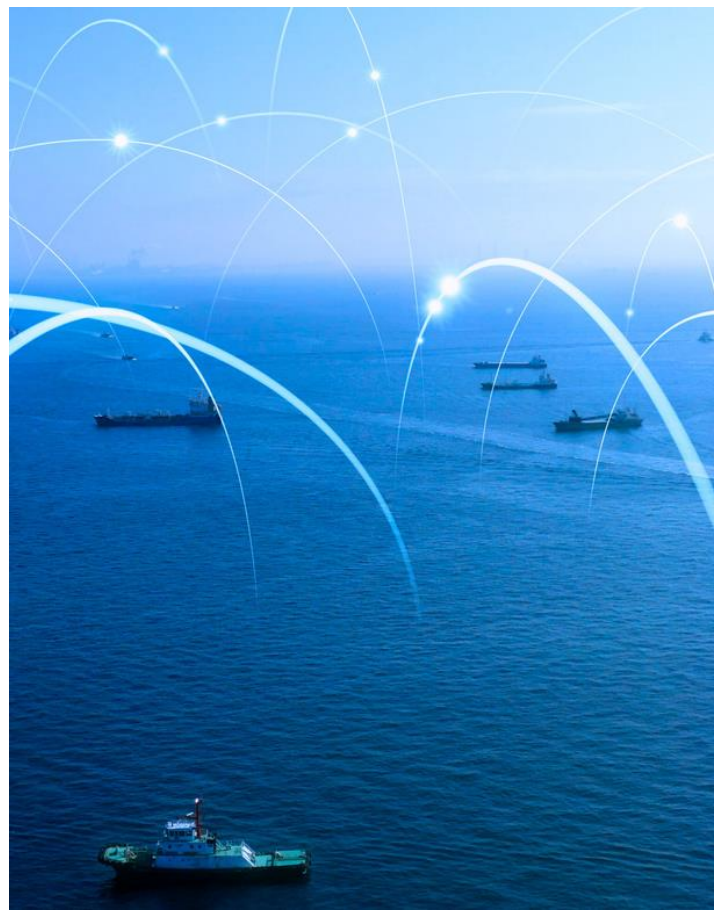
Security

- **Cyber Security** (resilient and secure comms)
- Protection of **Critical Maritime Infrastructures**



Navigational Aid

- **Autonomous Shipping**
 - **Anti-collision**
- (COLREG Compliant Modules)



Environmental Data

- Environmental **Surveillance & Monitoring**
- **EO Data & Satellites** (Metocean data)



Decarbonization & New Fuels

- **Refuel EU and New fuels as: Hydrogen, Ammonia, LNG etc.**
- Assisting companies to set up consortiums and finding funding



Training in all Domains

- **HSEQ** training for LNGs & FSRUs
- **SIGGTO OCIMF 2**
- **Digital lookout**
- **Voyage Optimization**
- **Remote Sensing**
- **ECMWF & EO Data**



WE OFFER

01.

Funding Scan

- Advice
- Portfolio management

We leverage our extensive experience in **researching funding opportunities to identify the most relevant options** that align with your project goals. We provide detailed insights and strategic advice to **optimize your proposal's chances of success**, ensuring you target the best potential funders.

02.

Proposal Writing

- Funding application
- Writing & submission

We can **develop clear, persuasive, and well-structured proposals** that effectively communicate your project's objectives and potential impact. We also assist in preparing comprehensive funding applications and support the entire writing process to ensure compliance and competitiveness.

[Contact Us](#)
[for a Quote](#)

03.

Grant Preparation

- Compliance support

We **prepare all necessary documentation** for grant applications, including budgets, timelines, and supporting information to enhance proposal quality. We ensure your proposals and funding applications **meet all relevant regulations, guidelines, and ethical standards**. Following a successful submission or grant award, our team provides ongoing support to maintain full compliance during project setup.

04.

Grant Negotiation

- Assess reviewer's feedback
- Evaluation summary response
- Oral negotiation

We thoroughly assess feedback, categorizing it into major and minor issues to **prioritize impactful adjustments**. By understanding the strengths and areas needing improvement, we prepare a concise response. We then engage in oral negotiations, where we can **clarify points in real-time**, respond to additional queries, and **emphasize the proposal's value**.

05.

Project Coordination

- Project management platform
- Monitoring follow ups

We offer comprehensive project coordination services, managing timelines and facilitating team communication **to ensure timely submissions**. Utilizing advanced project management tools, we **streamline the development process, track progress, enhance collaboration**, and conduct regular follow-ups to monitor status and gather feedback for **continuous improvement**.

06.

Dissemination

- Project communication
- Innovation exploitation

We develop strategies to **effectively disseminate project results to target stakeholders** and manage communications to ensure **clear, consistent, and persuasive messaging to potential funders**. Additionally, we help identify and highlight the innovative aspects of your project in your proposal, showcasing its potential for significant impact.

07.

Custom-made Courses

- Learning and development / training

We **design and deliver customized training** courses to enhance your team's proposal writing skills and techniques. Our comprehensive training programs **build your team's competencies in crafting high-quality, competitive proposals**.

See domains page for examples.



Call and Grant Platforms

Horizon Europe

funding opportunities through the European Commission's funding & tender opportunities portal

UKRI

UK Research and Innovation portal

ESA

Applications
(European Space Agency)

Others:

EUREKA portal, Norwegian Innovation, Specific Funding for each country etc.

SOME RECENT SOLUTIONS



[View our EC Portal](#)



The VoyOpt™ solution is a **unique AI-based and fully automated voyage optimization and weather routing service** which saves fuel and reduces emissions transforming the global maritime transport industry towards higher profitability and increased environmental sustainability.

Our service empowers mariners with port-to-port **optimized routes** and real-time weather routing updates and high quality metocean data in an interactive user interface.



The Ladar™ Sensor Suite is a state-of-the-art, **laser and computer vision-based, collision avoidance solution** that functions as a navigational aid for bridge crews and fleet managers.

The technology is a stepping-stone towards the upcoming **remote operated and autonomous vessel technologies**.

It creates a digital picture of the surroundings of a ship or an infrastructure thus increases awareness and **prevents collisions at sea**.



SafeNav™'s ambition is to develop and test a **highly innovative COLREG-based decision support system to enhance safer navigation at sea**.

This will significantly reduce the probability of collisions, impact damage, grounding, and contribute to safer navigation through fast, real-time detection of obstacles (vessels, fixed objects, submerged/semi-submerged objects, and marine mammals), **using data from state-of-the art sensors**. SafeNav's first step is to assist the navigator on board today.



The SOS solution is a **sensor surveillance system detecting man overboard incidents for ships at sea, with special focus on cruise/passenger vessels**. The solution notifies & supports the Bridge/ Navigation team to detect, characterize and track humans falling overboard in real time.

This is an **'automated watchman' system** that detects and alerts in man overboard scenarios, reducing the loss of lives at sea. This **innovative solution uses AI** in combination with multiple sensors for real time detection. One life lost is too many.

OTHER COMPANIES DUE TO SUCCESSFUL OSM PROJECTS:



Develops innovative AI based voyage planning services (VoyOpt)



Radar surveillance offering in the maritime domain



A certified training company for Earth Observation/EO competence

CONTACT DETAILS

Please contact us for a discussion regarding our services or **potential partnership.**

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www.offshoremonitoring.com 🔍



info@offshoremonitoring.com

We are looking forward to hear from you on the above "info" email

Ms. Rawail Naeem

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Chief Technical Officer
(CTO)

Jacek Gruszka

Head of Projects & Director

Dr. Sverre Dokken

Founder & Chief Scientific
Officer (CSO)