

GROOM RI

[GROOM RI](#) brings together **marine robot operators, scientists, sensor and platform manufacturers, and data managers** to share their results, experience and ocean knowledge. By being the centre of expertise in marine robotics, this permanent infrastructure aims to become the **central hub**. These Marine Autonomous Systems (MAS) ports around Europe provide various services from mission planning, glider piloting, vehicle maintenance and operations to training, data management, sensor calibration and integration.

Our vision and mission

GROOM RI aims at being the European Research Infrastructure harnessing the advantages of MAS to provide high-quality ocean observation data and services for the benefit of society, enabling scientific excellence and moving towards net-zero activities.

This European Research Infrastructure integrates national infrastructures for Marine Autonomous Systems (MAS) to provide access to platforms and services to the broadest range of scientific and industrial users, as well as other ocean observing RIs. It maintains a unique centralized provision of cyber-infrastructure, data and knowledge for the optimized use of MAS to study climate and marine environments, and to support operational services and the blue economy.

To develop a sustainable Marine Research Infrastructure (MRI), we have brought together key stakeholders to share and exchange about their needs, as part of the IAG-MAS.



IAG MAS: Industry Advisory Group for Marine Autonomous Systems

The Industry Advisory Group for Marine Autonomous Systems, IAG-MAS, brings together leaders from over 20 organizations that specialize in manufacturing marine autonomous platforms and marine sensors as well as maritime service providers. Our group unites professionals with considerable technical, commercial, and manufacturing expertise in the marine autonomous system space – from AUV fleet operators to marine surveyors to environmental monitoring data scientists and maritime security executives.

This advisory group will be gathered during the project duration to:

- Build collaboration & trust between industrial & national/EU both scientific & technical stakeholders
- Identify & advance priorities for innovation in developing new MAS (products & applications)
- Share ideas about a cooperative framework between GERI providers and users

For more information about IAG MAS members, click [here](#).

Virtual workshops themes

IAG MAS Workshops started in April 2022 and will take place over 12 months. **The IAG MAS is open to marine and maritime professionals.** If you want to be part of this group, please contact Charlene Auregan, European project manager at Pole Mer Méditerranée (auregan@polemermediterranee.com).

The first workshop allowed to determine the objectives and the methods of communication according to members expectations and to discuss about environmental monitoring services. In fact, GROOM RI has a facilitator role and foresees to help companies who need to move quickly and get asset and expertise matching their need. The workshops topics are the following:

- Environmental services for industry's existing needs - *April 11th*
- Emerging Sectors and Innovations: Needs, priorities, targets and why? - *June 14th*
- Social benefits further enhanced by the value proposition of MAS (tbc) - *October 4th*



European Glider Data Management Workshops

[GROOM RI](#), [EuroSea](#) and [EuroGOOS](#) are organizing a joint workshop to continue to improve the management of glider data and metadata in Europe. **This workshop is open to all interested people** and will be an important milestone to design together a road map for glider data management in Europe.

Conscious of the importance of improving the European practices regarding glider data management, and the importance of this topic to improve glider data services in Europe, the objectives of the meeting are:

- Identify the current issues in real time data management and propose solutions
- Discuss the real time and delayed mode data management strategy in Europe
- Set up a governance for glider data management in Europe.

The first week (20-24th of June) will focus on the technical issues in **Real Time glider data management faced by the European glider community**. The second week (5-8th of July) will focus on **the longer term evolution of the glider data management**.

Click [here](#) if you want to register



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