



# **Eurofleets2 project – Workshop during IRSO 2016:**

## **Introduction and programme**

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**Eurofleets**

# Eurofleets2 project rationale:

- Research Vessels are essential for a high quality of marine research
- Their role is expanding with the development of new in-situ operational observation systems (moorings, floats, gliders, seabed observatories...).
- RVs are very expensive assets with high costs for development, investment, operation, maintenance and implementation
- A continued investment flow is vital to maintain and increase Europe's research capacity



# Research Vessel scenario



## **Eurofleets2 project aims:**

**To consolidate the construction of a pan-European distributed research fleet infrastructure with a common strategic vision and coordinated access to European marine research vessels and equipment**





# Eurofleets 2

New operational steps  
towards an alliance of European  
research fleets

[www.eurofleets.eu](http://www.eurofleets.eu)



Funded by the European Union. Views and opinions expressed are only those of the author(s) and do not necessarily reflect those of the European Commission.



## **Eurofleets2 project key facts:**

- Duration from March 2013 to March 2017
- Budget 9 Million Euro
- Coordinator: IFREMER (FR)
- 30 partners from 20 Countries
- 20 research vessels
- 13 Workpackages for Networking, Transnational Access and Joint Research activities



# Work package JRA1: Regional RVs guidelines and generic designs

- led by CNR-INSEAN - **Emilio Fortunato Campana and Cecilia Leotardi**
- Aims at developing guidelines for operating and designing regional research vessels (RRV's) which play a crucial role in supporting science along the European coasts
- a modern fleet is desired in terms of its conception and design, able to provide the capability for multipurpose and interoperability of sea operations
- the Eurofleets2 Joint Research activities have made substantial progress in the preceding 3 years and draft results have been achieved



# Aim of the Eurofleets2 Workshop and Exhibition during IRSO 2016

- to share and discuss the results achieved so far between EF2 researchers, RV operators (members of IRSO) and industry representatives
- EF2 researchers will give short presentations, each to followed by an active dialogue aimed at:
  - **refining and strengthening results and conclusions**
  - **establishing contacts for further exchanges**
- The Workshop will be followed by the Industry Exhibition and IRSO meeting, where further dialogues can take place, also with the IRSO members



EF2 researchers will use the feedback for finalising their results



# Workshop programme:

11.50 – 12.10 Guidelines and recommendations on noise and vibration reduction (IMR, Norway, **Per Nieuwejaar**)

12.10 – 12.30 Guidelines and recommendations on bubble sweep-down avoidance (CNR-INSEAN, Italy, **Cecilia Leotardi**)

12.30 – 12.50 Guidelines and recommendations on work deck installations (IFREMER, France, **Marc Nokin** + CSIC, Spain, **Arturo Castellon Masalles**)

12.50 – 13.10 RRV50 m generic basic design (GeoEcoMar, Romania, **Stefan Florescu** + Ship Studio, France, **Laurent Mermier**)

13.10 – 13.30 BRV35 m generic basic design (MSI-TTU, Estonia, **Urmas Lips** + Ship Studio, France, **Laurent Mermier**)



# Workshop programme:

13.30 – 14.30 Break for lunch

14.30 – 14.50 Innovative technologies for optimisation of existing ships (IMR, Norway, **Per Nieuwejaar**)

14.50 – 15.30 Panel discussion and wrap up of the workshop by CNR-INSEAN, Italy, **Cecilia Leotardi** and MARIS, Netherlands, **Dick Schaap**

*Each slot will be 15 minutes presentation + 5 minutes for questions.*

15.30 – 17.20 **Industry and Poster Exhibition** and opportunity for bilateral conversations



*Shuttle buses for participants to downtown Capri (17:30 p.m.)*