

Introduction 23rd ERVO meeting

Online meeting

1-2 June 2021



Lieven Naudts

Royal Belgian Institute of Natural Sciences – Operational Directorate Natural Environment

- ✧ **Informal pan-European long-lasting network (22 years), with no legal status and no financial resources.**
- ✧ **Created in 1999** as an initiative of the European Science Foundation-Marine Board (ESF-MB) to promote the **coordination of small- to medium-sized RVs in Europe.**
- ✧ The **ERVO Meetings** provide an opportunity for RV Managers to exchange information on their national fleets, highlighting trends in the requirements for RVs and new technological developments for RV operations.
- ✧ The success of ERVO can be measured from the fact that the number of participating countries has risen from 7 to 20, proofing to be **a useful platform for up to 50 attendees** during the yearly meetings.
- ✧ Very useful **independent network** and **its activities are entirely driven by participants** who are not 'biased' since ERVO is not being funded by specific interests.

MEMBERSHIP

50 members
from
20 countries



- VLIZ - Flanders Marine Institute (BE)
- RBINS-OD Nature - Royal Belgian Institute of Natural Sciences (BE)
- DTU-AQUA - National Institute of Aquatic Resources (DK)
- FAMRI - Faroe Marine Research Institute (FO)
- SYKE - Finnish Environment Institute (FI)
- IFREMER - French Research Institute for Exploitation of the Sea (FR)
- UHH - University of Hamburg (DE)
- AWI - Alfred-Wegener-Institut (DE)
- GEOMAR - Helmholtz Centre for Ocean Research Kiel (DE)
- HCMR - Hellenic Centre for Marine Research (GR)
- MRI - Marine Research Institute (IS)
- MI - Marine Institute (IE)
- INFOMAR- Geological Survey of Ireland (IE)
- CNR - National Research Council (IT)
- OGS - National Institute of Oceanography and Applied Geophysics (IT)
- University of Malta (MT)
- NIOZ - Royal Netherlands Institute for Sea Research (NL)
- IMR - Institute of Marine Research (NO)
- GDA (PL)
- UA - University of Aveiro (PT)
- Dop/UAç - Universidade dos Açores (PT)
- GeoEcoMar - National Institute of Marine Geology and Geoecology (RO)
- CSIC - Spanish National Research Council (ES)
- IEO - Spanish Institute of Oceanography (ES)
- SOCIB - Balearic Islands Coastal Observing and Forecasting System (ES)
- Sven Lovén Centre for marine Infrastructure (SE)
- SLU - Swedish University of Agricultural Sciences (SE)
- TUBITAK - The Scientific and Technological Research Council of Turkey (TR)
- ECPI (TR)
- CEFAS - Centre for Environment, Fisheries and Aquaculture Science (GB)
- NERC - Natural Environment Research Council (GB)
- NCL (GB)



Lieven Naudts, ERVO Chair
Coordinator RV Belgica, RBINS – OD Nature (Belgium)



Riccardo Codiglia, ERVO Vice-Chair
Technologist, OGS (Italy)



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Technologist, OGS (Italy)



Aodhan Fitzgerald

Research Vessel manager, MI (Ireland)



Juha Flinkman

Development Chief, Research Vessels, Syke (Finland)



Dennis Lisbjerg

Head of Maritime Service Section, DTU-AQUA (Denmark)



Per Nieuwejaar

Project Director, IMR (Norway)



Giuseppe Magnifico

Marine Research Infrastructures Manager, CNR (Italy)

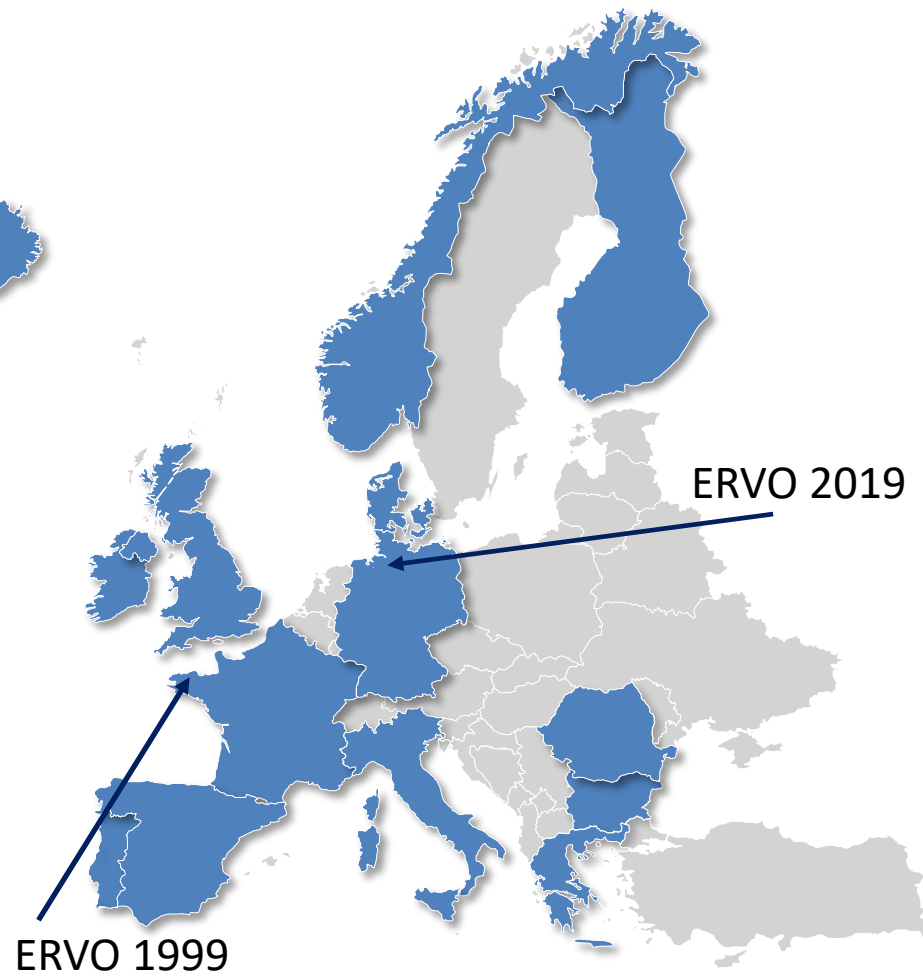


James Parker

Head of Marine Operations and Logistics, CEFAS (UK)

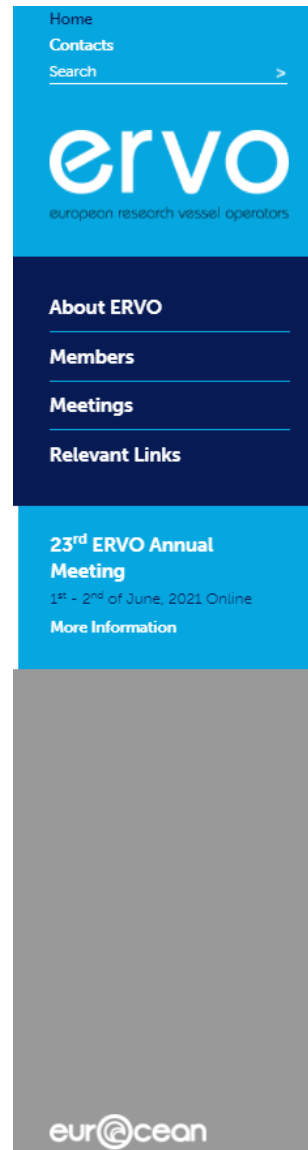
1 extra year!

Year	Venue	Host Organisation
1999	Roscoff, France	ESF, Marine Board and CNRS/INSU
2000	Galway, Ireland	Marine Institute
2001	Rome, Italy	National Research Council of Italy
2002	Bergen, Norway	Institute of Marine Research
2003	Constanza, Romania	GeoEcoMar
2004	Barcelona, Spain	CSIC
2005	Lisbon, Portugal	COI/MCTES
2006	Reykjavike, Iceland	Icelandic Institute of Marine Science
2007	Oostende, Belgium	Flanders Institute
2008	Varna, Bulgaria	Institute of Oceanology – Bulgarian Academy of Sciences
2009	Copenhagen, Denmark	DTU Aqua – National Institute of Aquatic Resources
2010	Southampton, UK	National Oceanography Centre (NOC)
2011	Oristano, Italy	National Research Council of Italy
2012	Faial, Portugal	DOP/University of Azores (DOP/UAç)
2013	Brest, France	French Research Institute for Exploitation of the Sea
2014	Barcelona, Spain	CSIC (UTM-CMIMA)
2015	Galway, Ireland	Marine Institute
2016	Rhodes, Greece	Hellenic Centre for Marine research
2017	Helsinki, Finland	Finnish Environment Institute
2018	Valletta, Malta	University of Malta
2019	Hamburg, Germany	University of Hamburg



- ✧ Overview of ERVO group
- ✧ Upcoming & past meetings
 - Minutes of meeting
 - Presentations
- ✧ Acceptance of the MoM 2019
- ✧ Updates via sandra.sa@eurocean.org

<https://www.ervo-group.eu/>



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23rd ERVO Annual Meeting
 1st - 2nd of June, 2021 Online
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eur@cean

Meetings



The European Research Vessels Operators' group has held annual meetings since 1999.

European Research Vessels Operators' group meetings



23rd ERVO Meeting, 01-02 June 2021

Online

[Agenda](#) | [Practical Information](#)



11-13 June 2020. Bucharest, Romania - **Canceled due to COVID-19**

National Institute for Research and Development of Marine Geology and Geoecology - GeoEcoMar
[Practical Information](#)



11-13 June 2019. Hamburg, Germany
 University of Hamburg - UHH

[Agenda](#) | [Attendance list](#) | [Minutes](#) | [Photo1](#) | [Photo2](#) | [Photo3](#) | [Photo4](#) | [Photo5](#) | [Photo6](#) | [MORE](#) [+]

- ✧ **2018-2019** ERVO & the European Marine Board (EMB) worked on the **update of the EMB Position Paper #10 on Ocean Research Fleets (2007)** which resulted in the **Position Paper #25 “Next Generation European RVs - Current status and foreseeable evolution”** (published in November 2019).



Talk tomorrow by Sandra Sa
<https://rid.eurocean.org/>

- ✧ **2019** March, Kick-off meeting **Eurofleets+ project funded under the EU RI Work programme 2018-2019 of H2020** (Galway, Ireland): several subjects are “connected” to ERVO: TNA, regional bartering, sharing annual cruise programs and best practice. **ERVO is a permanent invitee to Eurofleets projects.**

Talk tomorrow by Olivier Lefort & EF+ session

- ✧ **2021** New ERVO working groups?

Talk tomorrow by Giuseppe Magnifico

- ✧ **2022** 24th annual ERVO meeting in Romania

EUROPEAN RESEARCH VESSELS

An overview of the European Research Vessel fleet in 2019

THE FLEET IN FIGURES

99 VESSELS

operated by 62 operators in 23 different European countries. 6 countries own more than 5 vessels



AVERAGE AGE 25 YEARS



of the fleet. The fleet is split equally into 1/3 Local & Coastal Class, Regional Class, and Ocean & Global Class

8 DEEP-SEA VESSELS

and a total of 16 vessels that are capable of conducting some research in deep-sea regions



POLAR VESSELS 5



and a total of 19 vessels that have ice-going capabilities

- ✧ ERVO, with its broad membership of operators representing the majority of European countries who have their own research vessel fleet, is the **ideal focal point for any organization in Europe looking for ways to communicate directly with the experts on research vessels and related instruments and equipment.**
- ✧ ERVO has discussed/implemented some changes over the last years to be more visible, both nationally and on a pan-European level, and **to have a “voice” within the European Marine Research (Infrastructure) Community.**
- ✧ As indicated in the position paper ERVO should take a more active roll in activities for **training for RV-related personnel & operations, design of RVs, etc.**
- ✧ Need to evolve to a more **formal ERVO 2.0**, possibly in cooperation with or linked to **EOOS, Eurofleets+ legacy, OFEG** and/or other EU research infrastructure organizations & networks.

