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Introduction 25th ERVO meeting

Stockholm, Sweden 12-14 June 2023



- ▶ ERVO is an informal pan-European long-lasting network (24 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.
- ▶ ERVO meetings address **common issues/questions** that affect research vessel operators for the purpose of identifying solutions for improving services to the scientific community and developing best practice in the operation of Research Vessels. Members present their National Reports on activities, including any future plans for acquisitions/upgrades.
- ▶ Presentations on new vessel builds are invited and a number of special topics is discussed at each meeting.
- ▶ The ERVO Meetings provide an opportunity for RV Managers to **exchange information** on their national fleets, highlighting trends in the requirements for sea-going vessels and new technological developments for R.V. operations.
- ▶ ERVO is a very useful **independent network**, its activities are entirely driven by participants who are not 'biased' since ERVO is not being funded by specific interests
- ▶ 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 average 50 attendees** during the yearly meetings

WELCOME TO THE 25TH ERVVO ANNUAL MEETING



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ERVO's main achievements in the past



Terms of Reference of the ERVO Group, adopted in 2011 at the 13th ERVO meeting in Oristano (Italy)

Since 2012 ERVO was a permanent invitee to EUROFLEETS meetings

EurOcean/ERVO Agreement, officially signed in April 2014

Annual membership fee (300 Euro), established at the 14th ERVO meeting (Faial, Portugal, 2012) to cover the cost of the services provided by the EurOcean (European Centre for Information on Marine Science and Technology) Office to the ERVO Group

At ERVO 2014 meeting, it was decided to set up an “ad hoc” WG (seven members + one observer) to initiate a strategic discussion about ERVO aspirations, goals and opportunity (seven topics)

2015/2016, the ERVO new Organization is effective: Executive Committee, new annual meeting format: Regional Focus + General Assembly + agenda including 6 themes

May 2016, the new ERVO Website is open.





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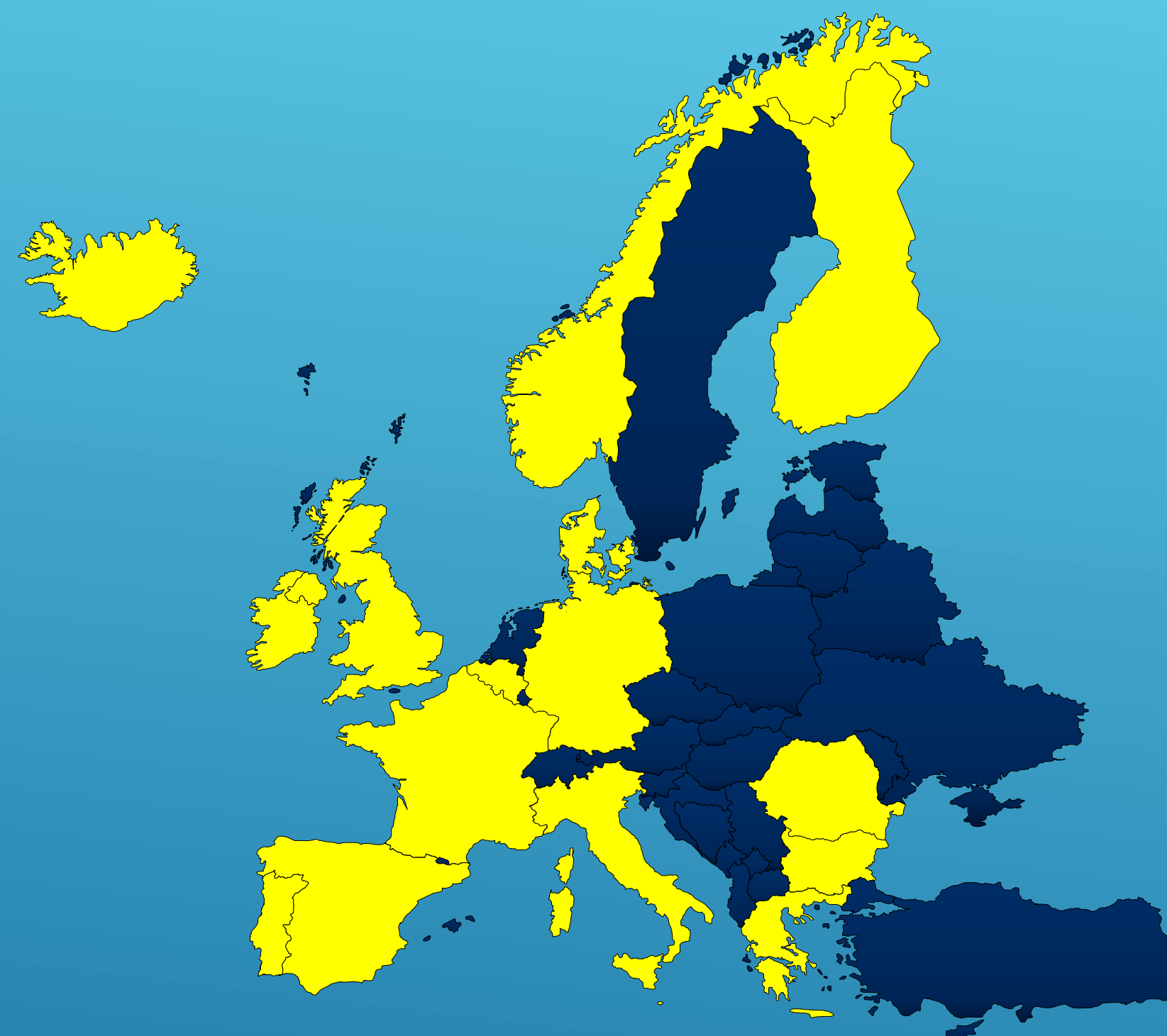
The ERVO group today



Membership

50 ? members
from
20 countries

- OGS - National Institute of Oceanography and Applied Geophysics (IT)
- CNR – National Research Council (IT)
- 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)
- 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/UAc – Universidade dos Acores (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)





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The ERVO governance



Riccardo Codiglia, ERVO Chair
Technical manager RV Laura Bassi, OGS (Italy)



Aodhan Fitzgerald, ERVO Vice-Chair
Research Vessel manager, MI (Ireland)



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



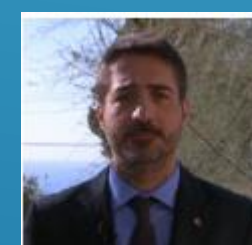
Juha Flinkman
Development Chief, Research Vessels, Syke (Finland)



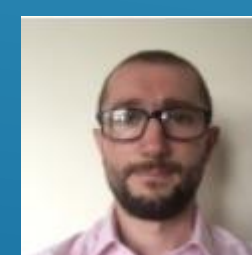
Dennis Lisbjerg
Head of Maritime Service Section, DTU-AQUA (Denmark)



Per Nieuwejaar
Project Director, IMR (Norway)



Giuseppe Magnifico
Marine Research Infrastructures Manager, CNR (Italy)



James Parker
Head of Marine Operations and Logistics, CEFAS (UK)



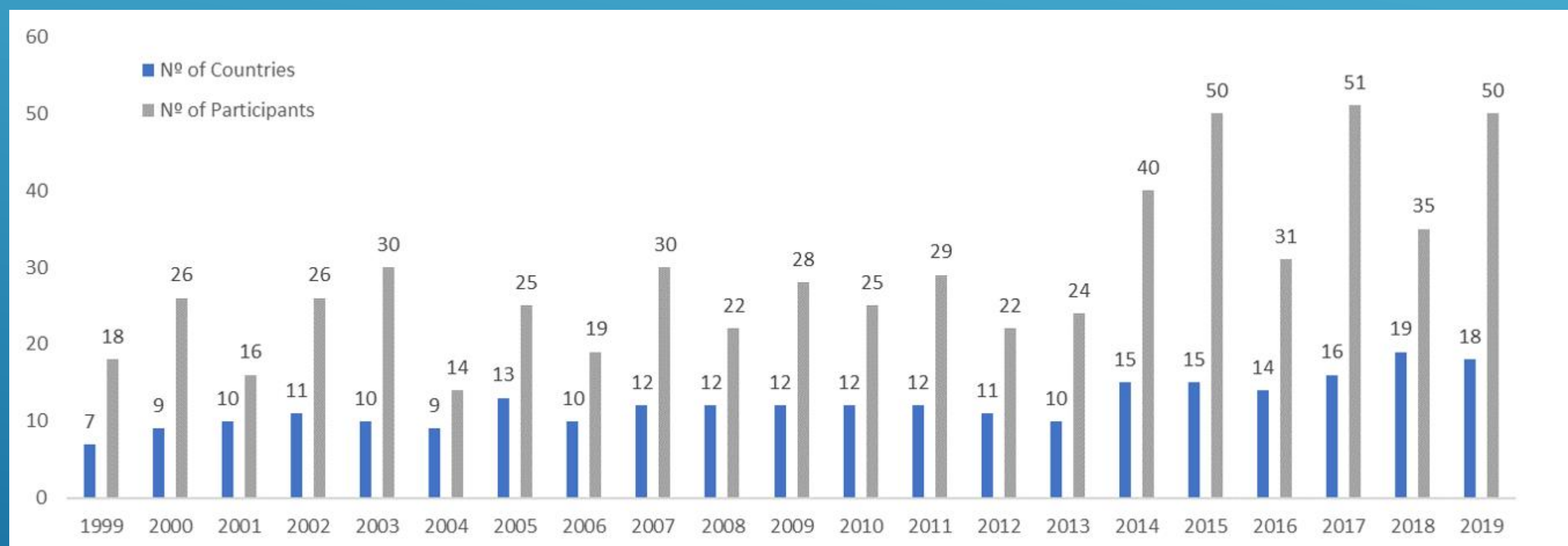
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The ERVO meetings



Date	Venue	Host Organisation
05-07 September, 2022	Bucharest, Romania	GeoEcoMar
01-02 June, 2021	Online	
11-13 June, 2019	Hamburg, Germany	UHH
12-14 June, 2018	La Valletta, Malta	UM
12-14 June, 2017	Helsinki, Finland	SYKE
10-12 May, 2016	Rhodes, Greece	HCMR
10-11, June, 2015	Galway, Ireland	MI
11-12, June, 2014	Barcelona, Spain	CSIC
05-06, June, 2013	Brest– Plouzané, France	Ifremer
08-09, May, 2012	Faial, Portugal	Dop/UAç
10-11, May, 2011	Oristano, Italy	CNR
04-06, May, 2010	Southampton, UK	NOC
13-15, May, 2009	Copenhagen, Denmark	DTU-AQUA
20-21, May, 2008	Varna, Bulgaria	IOBAS
19-20, June, 2007	Oostende, Belgium	VLIZ
19-21, June, 2006	Reykjavike, Iceland	Marine Research Institute
7-8, April, 2005	Lisbon, Portugal	CP-COINTERSEC
16-17, June, 2004	Barcelona, Spain	CSIC
25-26, April, 2003	Constanza, Romania	GeoEcoMar
24-26, April, 2002	Bergen, Norway	IMR
19-20, April, 2001	Rome, Italy	CNR
27-28, April, 2000	Galway, Ireland	MI
13-14, December, 1999	Roscoff, France	ESF , EMB and CNRS/INSU

Last meeting, 47 participants 15 countries





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The ERVO website



- Overview of ERVO group
- Upcoming & past meetings
- Minutes of meeting
- Presentations
- Acceptance of the MoM 2022
- Updates via sandra.sa@eurocean.org

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





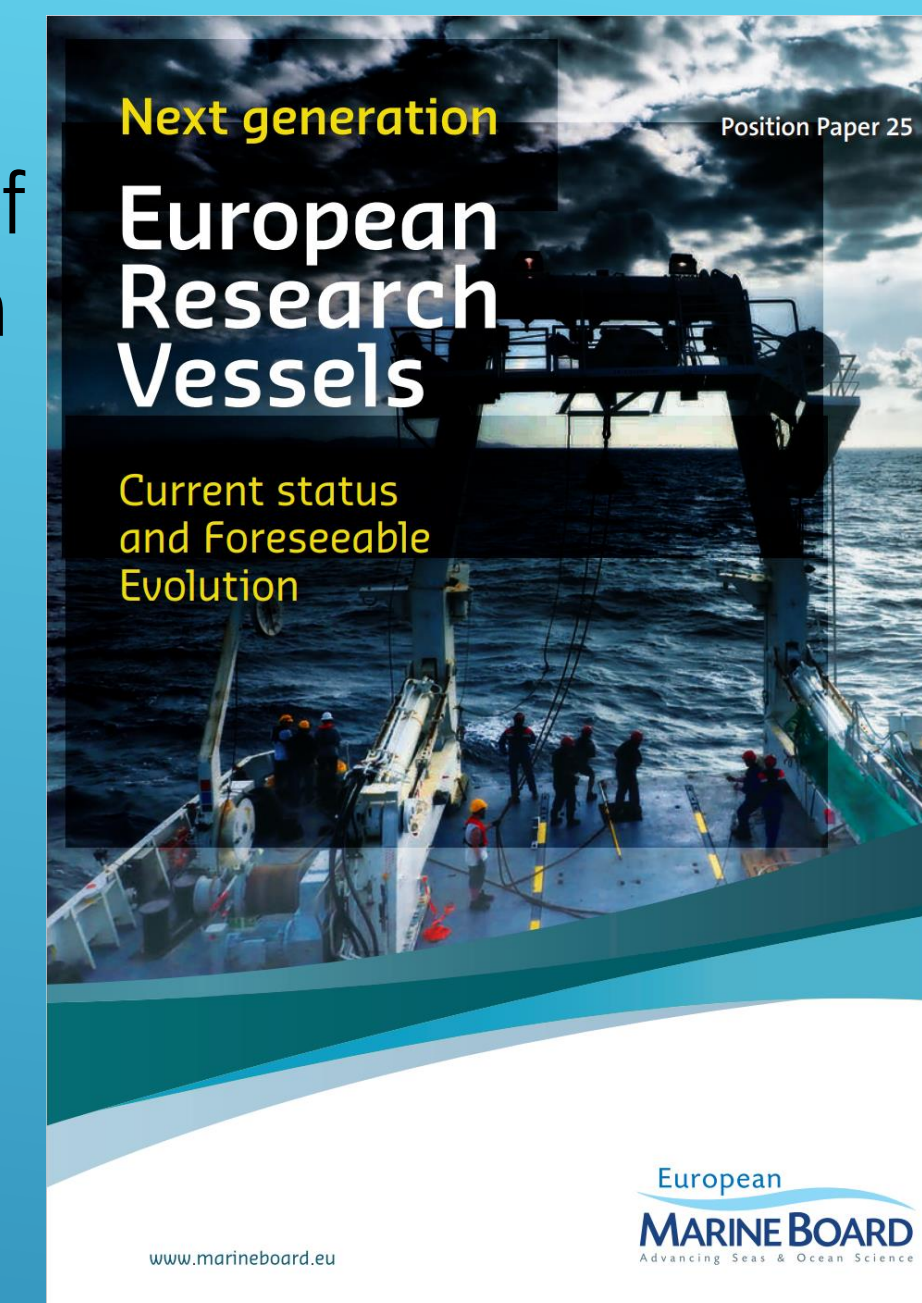
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The (recent) ERVO activities



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).

This publication is the result of a collaboration with the European Research Vessel Operators (ERVO) and presents an overview of the current fleet, its capabilities and equipment, and its management.



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.

2020 COVID-19

2021-2022 New ERVO ad hoc WG – “European RVs economics, management processes and spare capacity”





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The (recent) ERVO activities



2022 ERVO Webinars

“European RVs economics, management processes and spare capacity”

“Towards EUROFLEETS RI - concept development and design phase”

“Online Cruise Systems”

EMB Science Webinar

“New Developments In Research Vessel Capabilities and Technology”

2023 ERVO WG – “ERVO Cruise leader course”





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The ERVO future



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 RVrelated 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