

THE EUROPEAN RESEARCH VESSEL OPERATORS GROUP



18th ERVO Annual meeting

May 10-12, 2016

**Hellenic Center for Marine Research, Rhodes
(Greece)**

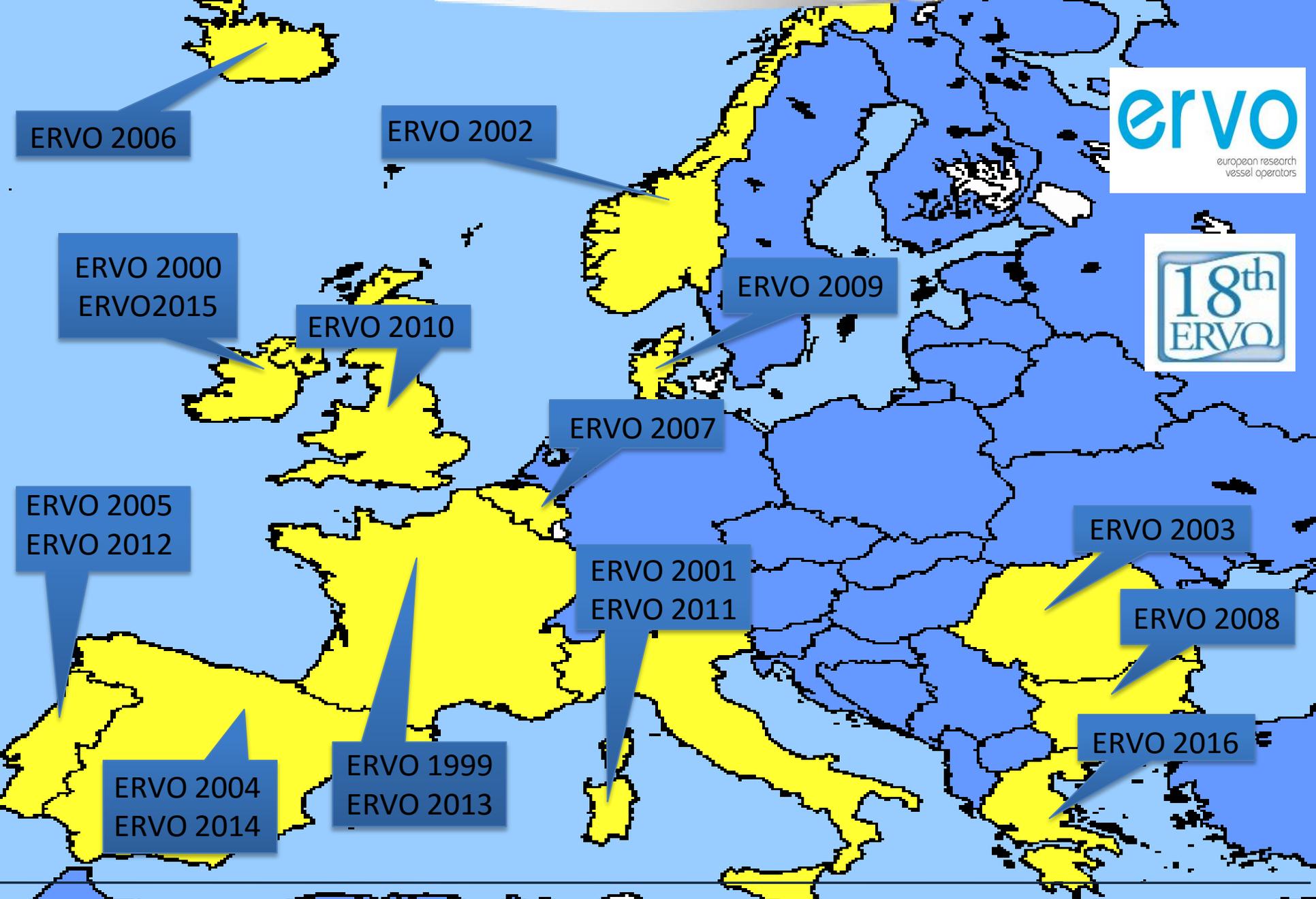
Olivier Quédec, Ifremer, France – ERVO Chairman

- ✧ **Informal pan-European long-lasting network, with no legal status and financial resources**
- ✧ **Created in 1999** as an initiative of the European Science Foundation - Marine Board (ESF/MB) as a complement to the **Ocean Fleets Exchange Group (OFEG)**, for the **co-ordination of small to medium sized RV operators in Europe**
- ✧ The number of participating countries has risen from 7 to 19, proofing to be **a useful platform for about 30 regular attendees (40 in 2014, 50 in 2015)**
- ✧ Very useful **independent network** and its activities are entirely driven by participants
- ✧ ERVO 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**

To create and maintain a forum for European RV operators

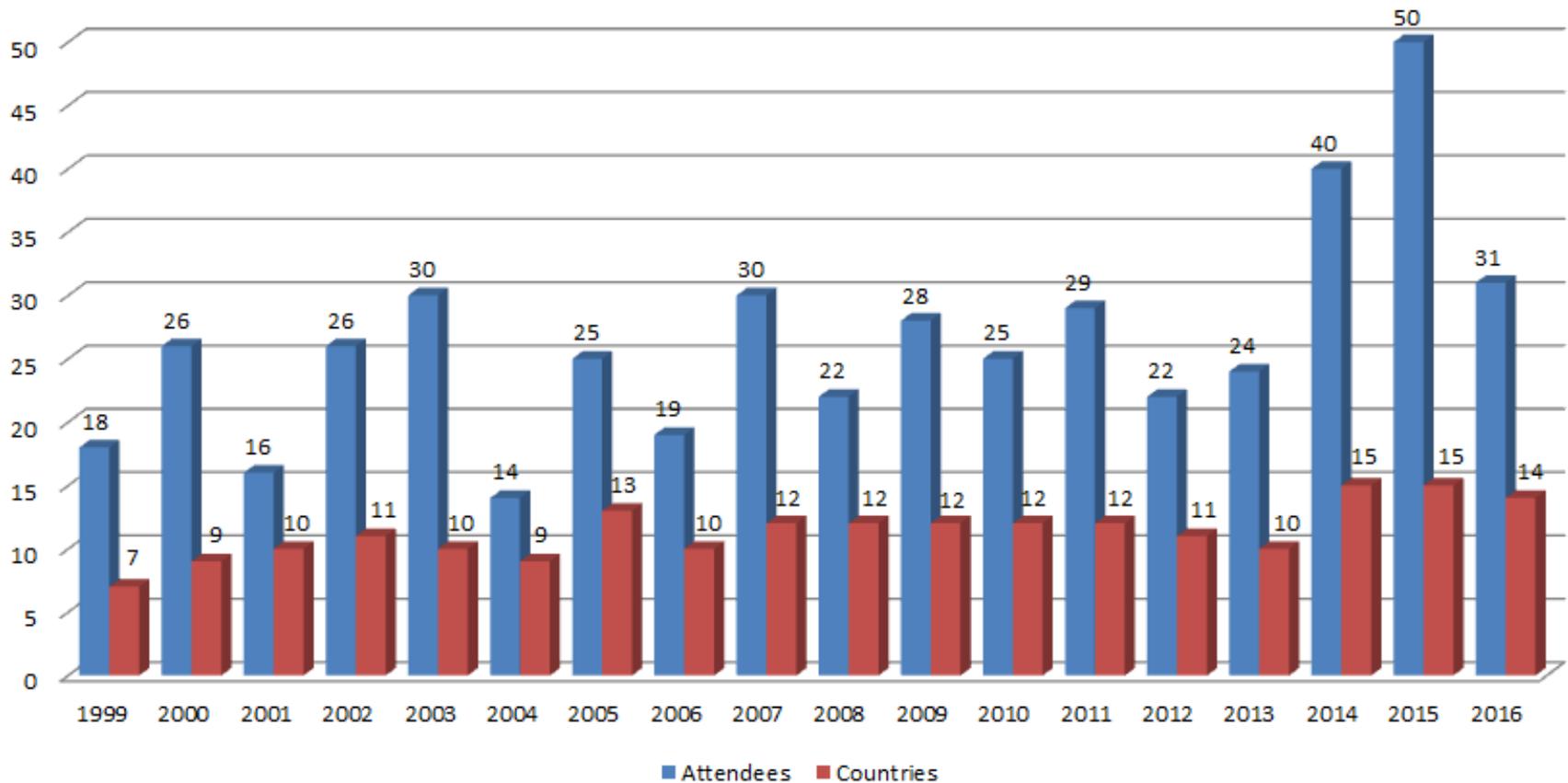
- ✧ *attend ERVO meetings where common **technical, operational, safety, environmental and legal issues/problems** are identified and discussed, and possible solutions presented*
- ✧ *contribute to the development within Europe of **best practices in the operation of RVs and associated equipment***
- ✧ *learn about **developments and plans for procurement** of new RVs, equipment and instruments, and **upgrades** of existing ones*
- ✧ *be a member of a **pan-European network** of RV operators*
- ✧ *identify **methods and ways to minimize the impact of the operations of RVs and associated instruments and equipment on the environment and marine life***

Date	Venue	Host Organisation
13-14, December, 1999	Roscoff, France	ESF, Marine Board and CNRS/INSU
27-28, April, 2000	Galway, Ireland	Marine Institute
19-20, April, 2001	Rome, Italy	National Research Council of Italy
24-26, April, 2002	Bergen, Norway	Institute of Marine Research
25-26, April, 2003	Constanza, Romania	GeoEcoMar
16-17, June, 2004	Barcelona, Spain	CSIC
7-8, April, 2005	Lisbon, Portugal	COI/MCTES
19-21, June, 2006	Reykjavike, Iceland	Icelandic Institute of Marine Science
19-20, June, 2007	Oostende, Belgium	Flanders Institute
20-21, May, 2008	Varna, Bulgaria	Institute of Oceanology – Bulgarian Academy of Sciences
13-15, May, 2009	Copenhagen, Denmark	DTU Aqua – National Institute of Aquatic Resources
04-06, May, 2010	Southampton, UK	National Oceanography Centre (NOC)
10-11, May, 2011	Oristano, Italy	National Research Council of Italy
08-09, May, 2012	Faial, Portugal	DOP/University of Azores (DOP/UAç)
05-06, June, 2013	Brest, France	French Research Institute for Exploitation of the Sea
11-12, June, 2014	Barcelona, Spain	CSIC (UTM-CMIMA)
10-11, June, 2015	Galway, Ireland	Marine Institute
10-12, May, 2016	Rhodes, Greece	Hellenic Centre for Marine research



Meetings localization

Number of attendees and countries per ERVO meeting



- ✧ *Italy 8*
- ✧ *Greece 5*
- ✧ *Germany 3*
- ✧ *Belgium 2*
- ✧ *France 2*
- ✧ *Ireland 2*
- ✧ *Spain 2*
- ✧ *United Kingdom 1*
- ✧ *Portugal 1*
- ✧ *Norway 1*
- ✧ *Turkey 1*
- ✧ *Netherlands 1*
- ✧ *Poland 1*
- ✧ *Sweden 1*

Members (23):

✧	HCMR	5
✧	CNR	3
✧	CSIC	2
✧	IFREMER	1
✧	IMR	1
✧	CEFAS	1
✧	GEOMAR	1
✧	NATO	1
✧	AWI	1
✧	GSI	1
✧	NIOZ	1
✧	OGS	1
✧	OD NATURE	1
✧	VLIZ	1
✧	MI	1
✧	MIG	1

Partners (3):

✧	EUROCEAN	1
✧	EUROFLEETS	1
✧	TUBITAK	1

Guests (5):

✧	SoProMar	2
✧	Briese	1
✧	Explorers Society	1
✧	SMHI for EUROGOOS	1

✧ The seven topics:

- ✧ *ERVO legal framework/structure*
- ✧ *EUROFLEETS1+2 legacy*
- ✧ *ERVO/IRSO relationship*
- ✧ *Collaboration with EurOcean*
- ✧ *ERVO/OFEG relationship*
- ✧ *ERVO and European Ocean Observing System (EOOS)*
- ✧ *Proposal for a new organisation of ERVO*

Topic 1: ERVO legal framework/structure:

- ✧ **Staying on as it is** (not very much influence, impact and visibility), or
- ✧ **Move to a more formal organisation** (more manpower and some money)
- ✧ The WG opinion is that **ERVO needs to be more visible**, both nationally and on a pan-European level, **and to have a “voice” within the European Marine Research community** in the same way as other “special interest groups” and projects dealing with particular parts of the marine data collection systems, e.g. EOOS, EMSO, JERICO, etc.
- ✧ ERVO should, and to a large extent does, represent the **“European view” on research vessels and large exchangeable equipment**, and should have a **“much stronger say” in questions regarding European policies, plans, technological developments etc.**
- ✧ **RV users, the scientists, have already a number of interest groups and agencies talking on their behalf**, e.g. Marine Board, EOOS and others, with paid staff and a legal status that enables them to receive funding from both member institutions and the EC
- ✧ In order to have someone to represent the European Research Vessel users, owners and operators from Public Institutions, the WG think that **ERVO should consider steps to become such a “focal point” or “voice” on behalf of the RV community**
- ✧ **There is the need of something, which could represent the ERVO community formally in different meeting places/initiatives where RVs are a relevant part of the picture** since RVs and the service provided by them are transversal to many different initiatives and **the RV community voice should therefore be heard before and when decisions are made**

Topic 2: EUROFLEETS1+2 legacy

- ✧ **EUROFLEETS2 produces things that are of interest to ERVO and, after the EUROFLEETS2 project comes to an end, certain results from the project could and should, whenever possible, be maintained for the benefit of the European ship operators**
- ✧ The WG supports **the idea of ERVO adopting the EUROFLEETS1+2 legacy by 2017** when EUROFLEETS2 stops
- ✧ In this regard, **ERVO should identify, in collaboration with EurOcean, the optimal way to protect and maintain all networking tools and know how** after the completion of EUROFLEETS2
- ✧ **What this exactly means and how ERVO needs to implement it** as an informal body, which meets once a year for a couple of days, without any legal structure, financial resources and manpower, **is the first and major issue to discuss for ERVO strategy**
- ✧ The EUROFLEETS projects legacy should be discussed and handled as three separate entities:
 - ✧ **Networking Activities (NA) legacy**
The NA legacy, mainly documents, standards, reports, is expected to be maintained by EurOcean and ERVO should identify the list of reports/documents of interest to the Group
 - ✧ **Trans National Access (TNA) legacy**
ERVO cannot take on the task of being the “TNA agency” of the future since it is not a legal entity, and does not have the necessary financial resources and manpower
 - ✧ **Joint Research Activities (JRA) legacy**
The JRA results must be maintained by somebody else since it is a variety of products for different use and therefore not something that is a “typical” task for a group like ERVO to take “ownership” of

Topic 3: ERVO/IRSO relationship

✧ Possible solutions to avoid overlap between the two groups have been discussed:

✧ **By emphasizing a European component**

ERVO should seek its European dimension in its activities, finding the way of being the proper European equivalent to IRSO

✧ **By alternating meetings**

Alternating meetings seems to be a bad idea because the loss of continuity; the meetings of the two groups do not seem to be too close together, ERVO being May-June and IRSO typically October

✧ **By focusing on Regional/Coastal vessel**

For the next years a 'target region' could be appointed for each meeting and 1 day or half a day spent on ERVO topics highlighting this target region and the ERVO countries in the region

Topic 4: Collaboration with EUROCEAN

- ✧ **In April 2014 an Agreement for cooperation between ERVO and the EurOcean Foundation was officially signed:** the document defines the legal and financial framework for the development and execution of the activities to be performed by EurOcean for ERVO
- ✧ **It is very important to have a continuous dialogue between ERVO and EurOcean,** not only about the ERVO part of the EurOcean website, but also about the other parts of the EurOcean web portal that covers topics that are of interest to ERVO, e.g. the RV Infobase and the Large Exchangeable Equipment Infobase
- ✧ **Since a number of ERVO members are also EurOcean delegates, maybe one should be appointed as the ERVO liaison to the EurOcean Steering Committee** and be responsible for reporting to ERVO about EurOcean issues/policies/plans etc. seen from an ERVO point of view

Topic 5: ERVO/OFEG relationship

- ✧ **OFEG is a restricted cooperation between a few countries with very specific needs and interests** that are beyond the scope of most of the ERVO members
- ✧ **OFEG members are also members of ERVO** so there will always be connections and sharing of ideas, information and lessons learned
- ✧ **OFEG should be seen as an example of how such a system works**, with the idea that it may be an option to try and establish a similar structure for regional areas
- ✧ The WG believes **that there is no need to set up a proper strategy in relation to OFEG** although OFEG is of particular interest to ERVO

Topic 6: ERVO and EOOS

- ✧ **ERVO's possible role in the development of the European Ocean Observing System – EOOS** (space crafts, research vessels, vessels of opportunity, landers, observatories, buoys, moorings, HF-radars, tide gauges, gliders, drifting buoys, AUVs etc.)
- ✧ **A European OOS will not compete with RVs necessarily, but rather being complementary with regards to data collection** and it is therefore vitally important that politicians, decision makers, funding agencies and even scientists understand this properly
- ✧ **ERVO could establish a kind of formal or informal link to the ESF Marine Board and EOOS**, either through ERVO members who belongs to institutions that are represented in both ERVO and ESF/MB and/or EOOS, or the ERVO chair could be the link between the three groups

Topic 7: ERVO new organisation

- ✧ The WG has, based on the considerations expressed for the previous topics, thought about how the **ERVO group could evolve in to a somewhat more formal and structured group without losing its identity and flexibility**

- ✧ **Actions proposed:**
 - ✧ ***ERVO Executive Committee** (seven topics, seven members + one observer, inputs to the agenda, agenda standard format, maintain and adapt TOR, annual work plan, strategy paper for the next 5 years)*

 - ✧ ***ERVO General Assembly** (Members only, ExCom reports its annual work and presents its plans for the coming year to be approved by the ERVO GA)*

 - ✧ ***Regional focus** (half day meeting before the annual meeting, to foster more regional cooperation among ERVO members, to present issues and opportunities, region where the meeting take place)*

 - ✧ ***More visibility** (foster more direct or indirect links/representation/communication/ to promote ERVO, identify members as ERVO representatives towards other EU Groups and project: EF2, EOOS, EUROCEAN, BONUS, EMSO....)*

 - ✧ ***ERVO membership fee** (3000 € to cover EUROCEAN service, 300 €/country (operating institutions), surplus to cover annual ERVO ExCoM expenses, a volunteer as treasurer)*

- ✧ **Terms of Reference** of the ERVO Group, **adopted in 2011** at the 13th ERVO meeting in Oristano (Italy)
- ✧ **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
- ✧ **EurOcean/ERVO Agreement**, officially signed in **April 2014**
- ✧ **EUROFLEETS participates actively to ERVO meetings** (topic in the ERVO agenda since 2008, 10th ERVO meeting, Varna, Bulgaria)
- ✧ Since 2012 ERVO is a **permanent invitee to EUROFLEETS meetings** and its present and future chairs are beneficiaries of EUROFLEETS2. Moreover, 13 (42%) EUROFLEETS2 beneficiaries are active members of 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, new ERVO logo
- ✧ 2015/2016, the new ERVO Organization is effective: Executive Committee, annual Meeting new format: Regional Focus + General Assembly + agenda including 6 themes: **-1) Delegates reports of Activity , -2) RV builds, Modifications and performance , -3) Manning, Safety and Training, -4) Scientific technology, -5) Legal and Insurance, -6) Cooperation and Outreach**
- ✧ May 2016, the new ERVO Website is open:
www.ervo-group.eu/

2015-2016 actions

- ✧ **ERVO/EUROFLEETS2 project Relationship:**
 - **EUROFLEETS2** project Coordinator attended, as observer, the **First ERVO ExCom meeting**, Amsterdam airport (Netherlands) March 2015. Discussion about Eurofleets 1&2 projects Legacy (See “ERVO WAY AHEAD” PPT presentation in Galway).
 - **EUROFLEETS2** project Coordinator attended, as partner, the **17th ERVO annual meeting**, Galway Ireland , 2015 June 10th-11th (EF2 project PPT presentation – available on ERVO Website)
- ✧ **17th ERVO annual meeting, Marine Institute**, Galway Ireland , 2015 June 10th-11th (minutes, presentations, photo now available on new ERVO Website)
- ✧ **Second ERVO ExCom meeting**, La Jolla (USA) 2015 October 19th, before 2015 IRSO meeting: discussions about 2015 ERVO minutes, ERVO new website, update ERVO ToR
- ✧ **EUROCEAN** visit, Lisboa (Portugal), ERVO Chair, Lisboa 2015 December 03rd: Discussions about new ERVO website, ERVO/EUROCEAN agreement
- ✧ **Third ERVO ExCom meeting**, Barcelona (Spain) March 02nd 2016. Topics: 2016 meeting agenda (new format and topics), ERVO new website, ERVO/EUROCEAN partnership (agreement), ERVO ToR, Strategic paper for the next 5 years
- ✧ **ERVO/EOOS Relationship**. April 2nd 2016, contact Aodhàn FitzGerald with Glen Nolan. 2016 May 12th (2016 ERVO annual meeting), P Gorringe presents (visio-conference) “EuroGOOS, EOOS and links to global initiatives”

2016-2017 upcoming actions

- ✧ *ERVO/EOOS relationship. Dre Cattrijsse, as ERVO ExCom member, will attend the implementation board for EOOS on 2016 May 23th et Brussels (Which possible role for ERVO in the development of the European Ocean Observing System ?)*
- ✧ *ERVO Chair will attend, as observer, the **EUROFLEETS2 GA**, Split (Croatia) 2016 June 01st*
- ✧ *Autumn 2016, ERVO Terms of Reference should be updated and the ERVO strategic paper for the next 5 years should be written*
- ✧ *October 2016 in Capri ((Italy) before the annual IRSO meeting, **Fourth ERVO ExCom meeting**. Main topic: Eurofleets 1&2 Networking activities Legacy - i.e. a project document and information material that Eurocean could help ERVO in developing and distributing later: documents, standards, reports... of interest for ERVO)*
- ✧ *February 2017, **Fifth ERVO ExCom meeting**. 19th annual meeting preparation, EF2 Legacy ...*
- ✧ *June 2017, **19th annual ERVO meeting** in Northern Europe. Chair Hand-over*



Thanks for your attention

2016 ERVO meeting,
HCMR, Rhodes, Greece