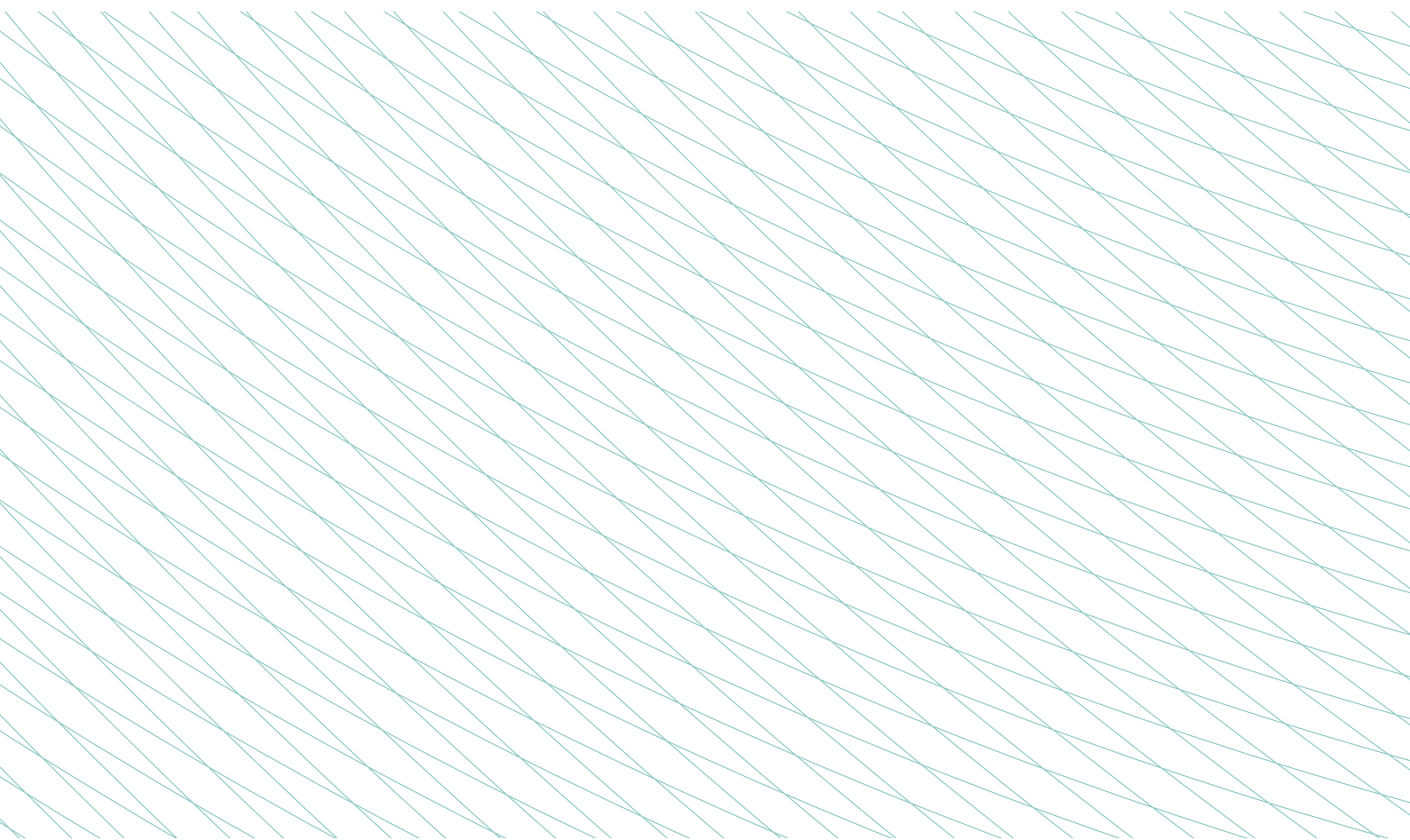




# “ EurOcean 2014 annual report ”

by EurOcean Office

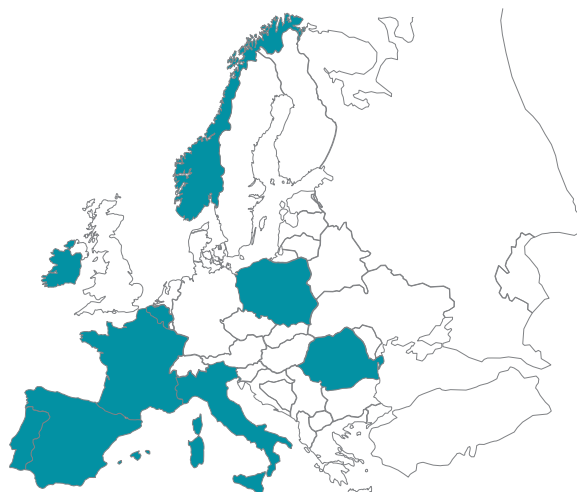




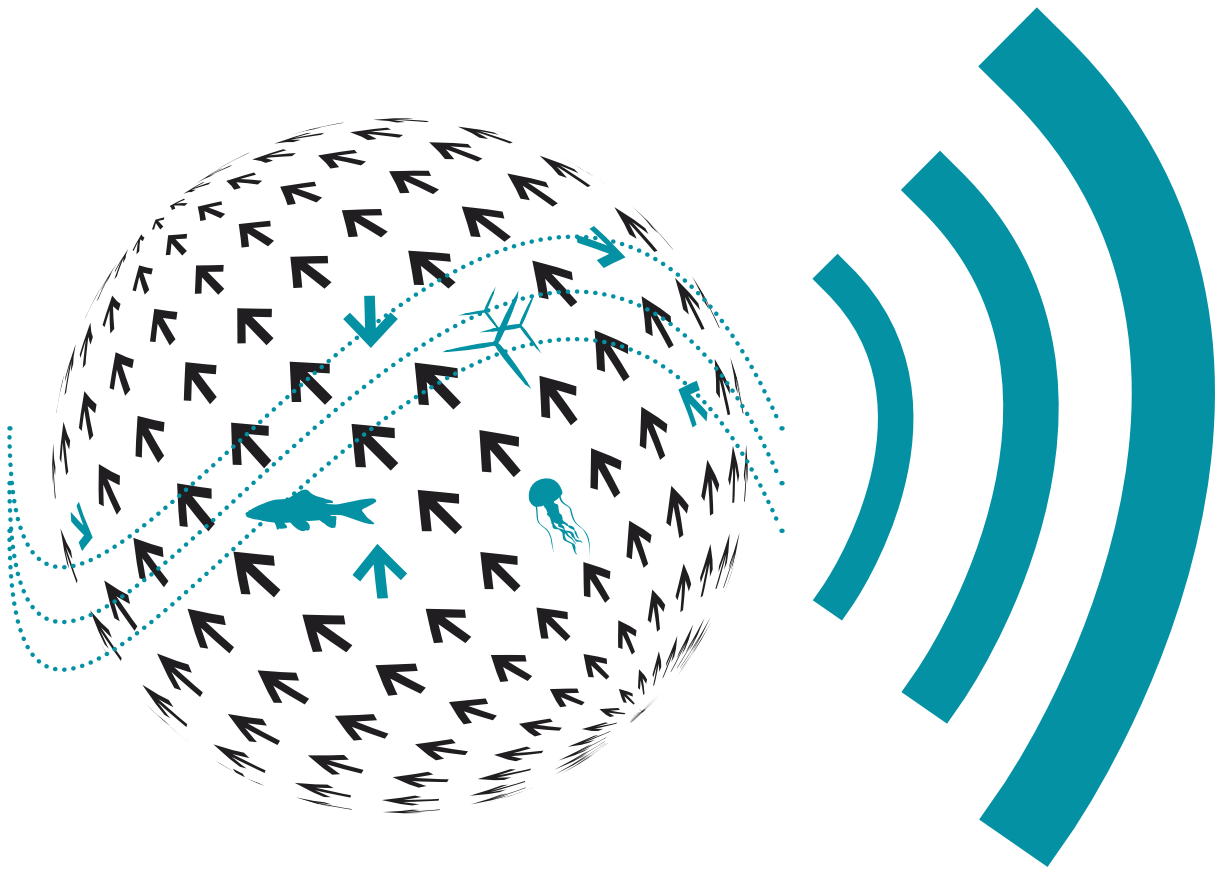
EurOcean – The European Centre for information on Marine Science and Technology, established in 2002, is an independent scientific non-governmental organisation of leading European marine organisations whose aim is to facilitate information exchange and generate value-added products in the field of marine sciences and technologies between a wide range of governmental and non-governmental bodies. In 2014, EurOcean represented 14 Member Organisations from 10 countries.

EurOcean, a clearing house for information on marine science and technology in Europe, through its internet portal ([www.eurocean.org](http://www.eurocean.org)) facilitates access to information on topics related to marine science and technology in Europe with priority given to three main domains: Marine Research Infrastructures, Marine Knowledge Management and Ocean Public Outreach and Education Activities.

EurOcean also contributes to initiatives aiming to promote a Blue Society.



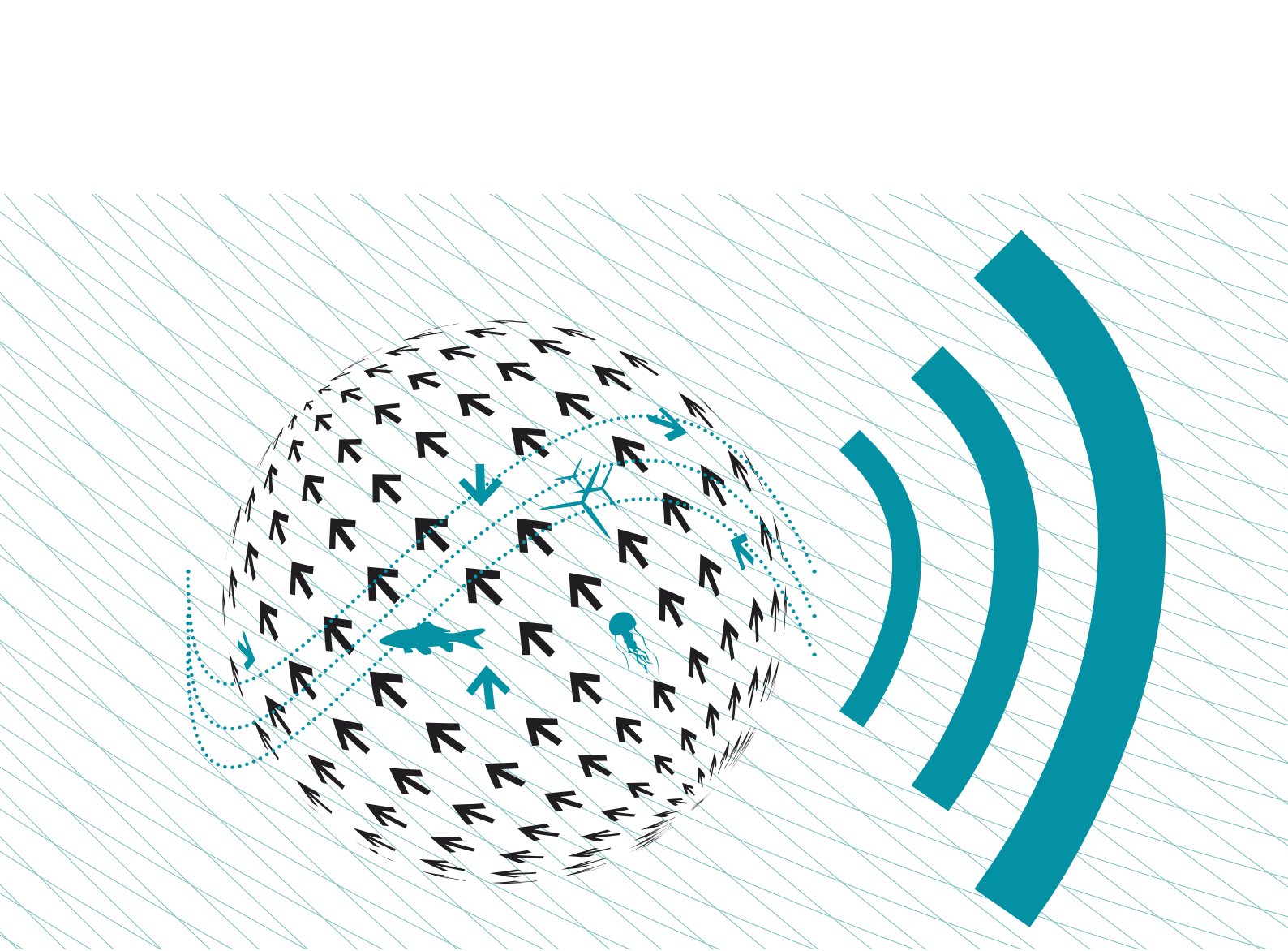




# “ EurOcean 2014 annual report ”

by EurOcean Office





**EurOcean**  
**2014**  
**annual report**  
by EurOcean Office



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# 01. 02. 03.

Message from the President

Message from the Executive-Director

2014 Highlights

EU Ocean  
2014  
annual report  
by the Ocean Office



# 01. Message from the President



Many European citizens are still not aware that half of Europe's territory is located underwater and that a quarter of the world's maritime Exclusive Economic Zone is European. Nor are they completely aware that seas and oceans are major assets in that they are sources of food, energy and raw materials, a medium for transport and commerce, and that, for many centuries, they have been the basis of economic and societal benefits and the foundation of regional and global policies. The seas and oceans also provide invisible and intangible services of countless value for the security and health of the planet and the species living on it.

In a period of rapid change in industrial development and technological capacity, that run hand-in-hand with population growth, there is a race to exploit new and traditional natural resources in the ocean which is encompassed in the term Blue Growth. EurOcean, in its mission to be a key European Centre providing information on marine science and technology, continues to inform marine research including activities in support of Blue Growth.

Nonetheless there is no single definition of Blue Growth. In principle, it encompasses all economic activities at sea. This Blue Economy is seen as an opportunity for Europe at a time when the Continent is facing a shortage of new economic opportunities. In

2013, the European Commission identified a number of priorities with a view to delivering sustainable growth and jobs as well as technological improvements and innovation, and it's providing them an impetus through the H2020 research and innovation programme.

Although important, Blue Growth cannot just be limited to economic and social development. It must be sustainable growth with the oceans. Environmental sustainability is very often overshadowed by other priorities, and this can jeopardise and imperil the good environmental status and the health of our seas and oceans. Through its collaboration with its Member organisations, EurOcean raises awareness across Europe on the need for such sustainability in tandem with Blue Growth.

The oceans are neither inexhaustible nor immune to damage. It is imperative to balance economic benefit with environmental protection and human wellbeing. This presents a highly complex challenge, where knowledge and information continues to play a crucial role, together with good governance. To keep and restore the health and environmental security of our planet and our society, we need to count on reliable and coordinated scientific information, such as that available through EurOcean.

In 2015, together with the Vice President Slawomir Sagan, we look forward to working with the newly elected Vice President, Jean-François Masset and the newly appointed Executive Director, Ned Dwyer, as well as all EurOcean Members and Office staff on addressing these challenges. Last but not least, I would like to thank the outgoing Vice President, Geoffrey O'Sullivan and Executive-Director Telmo Carvalho for their immense contribution to the marine research and technology community during their years as part of EurOcean.

**Ricardo Serrão Santos**

FRCT Member Representative, Portugal  
EurOcean President 2012-onwards



## 02. Message from the Executive-Director



The year of 2014 represents my 6th and final year as EurOcean Executive-Director.

Throughout this last year the Office had as a priority to prepare the succession of the Executive-Director position and still comply with the demands of the planned and contractual work. It was a challenge but it was successful.

The Office opened and managed three calls for positions in the Office, including the one for the new Executive-Director, stabilising and ensuring the continuity of the Office team. At the same time new opportunities to develop and fund EurOcean key activities were identified and successfully accomplished, resulting in an appropriate budget for the medium term sustainability of EurOcean.

In terms of products I highlight the work done in the scope of the STAGES project, where EurOcean produced a series of three statistical analyses that give, for the first time in Europe, an organised insight of the existing marine research relevant for the implementation of the MSFD (Marine Strategy Framework Directive) in Europe but also from a national perspective.

It's also noteworthy that the FP7 MarineTT project, where EurOcean was one of the two partners who helped co-develop

a new marine knowledge management approach in Europe was highlighted as an exemplary project in the EC report "Ex-Post Evaluation of FP7, Cooperation Programme Theme: Environment (including Climate Change)". It was highly ranked in the innovation indicators and reported as "repeatedly successful in their approach and outcomes".

I hand over the work and responsibility with the feeling of "mission accomplished" much of which is due to an always supportive and enthusiastic team and experienced and engaged Presidents and Vice-Presidents. To all I offer my thanks for an intense but enjoyable last six years.

But now is the moment to welcome Ned Dwyer to "steer the EurOcean Vessel" in the coming years wishing him as many rewarding moments as I had. Using the words of a previous EurOcean President I wish EurOcean and its Members network "fair winds and following seas".

**Telmo Carvalho**  
EurOcean Executive-Director



## 03. 2014 Highlights



### 2014 European Maritime Day

EurOcean promotion in the 2014 EMD themed "Innovation driving Blue Growth"

p. 25



### New Vice-President elected and Executive-Director appointed

Jean-François Masset (left) elected as Vice-President and Ned Dwyer (right) appointed as Executive-Director

p. 10

2014

2015

**ervo**  
european research  
vessel operators

### Formal signature of service contract with ERVO for hosting and maintenance of the public website

EurOcean and the European Research Vessel Operators formalise cooperation activities

p. 15



### Analysis of funded marine research relevant to MSFD implementation

Detailed reports on country participation, projects and recommendations in relation to MSFD relevant research funding

p. 20



### First H2020 success

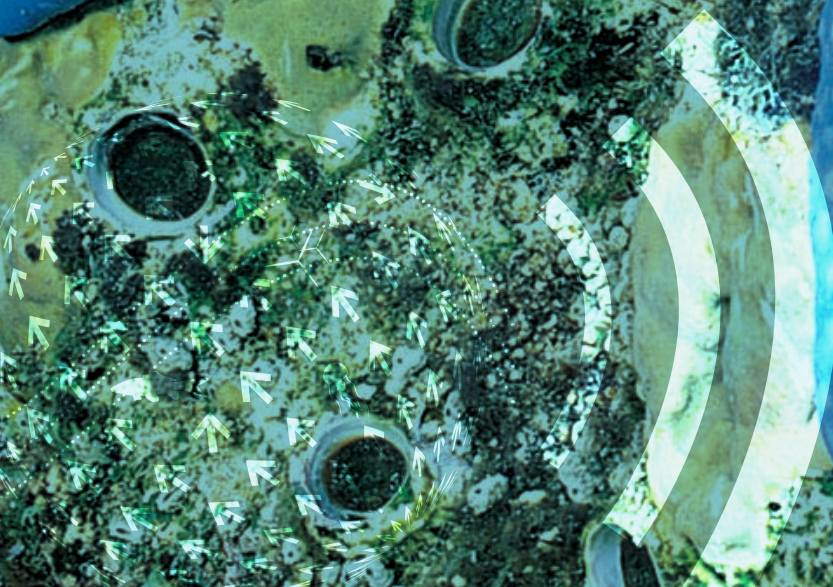
COLUMBUS, which aims to increase uptake of marine research outputs funded by EC

p. 23



# 04.

## About EurOcean



annual report

by EurOcean Office

EurOcean

2014





## 04. About EurOcean

### Background

EurOcean can trace its origins to the resolutions and recommendations published by the European Commission in 1998 in which creation of a European Maritime Agency was recommended in the report "Towards a new marine dimension for Europe through research and technological development", which was adopted on May 4th 2000 by a group of governmental experts from 15 European countries who came together at the invitation of the Portuguese Minister for Science and Technology.

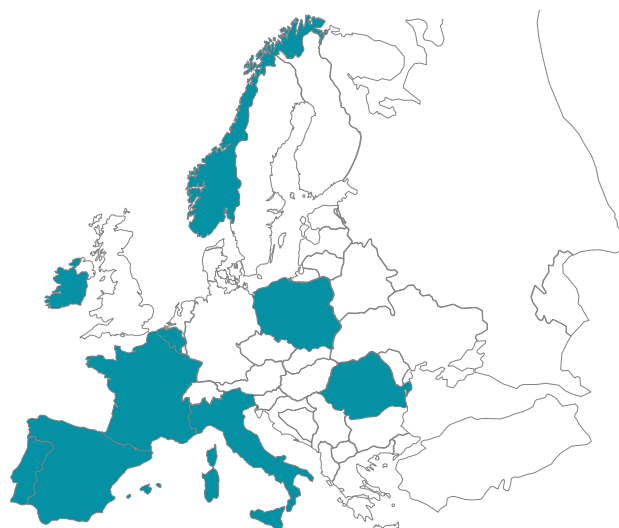
In 2001 the Portuguese Foundation for Science and Technology (FCT, Portugal) and the French Research Institute for Exploitation of the Sea (Ifremer, France) signed a cooperation agreement to set up the European Centre for Information on Marine Science and Technology – EurOcean, with the main goal of creating a stable and independent scientific non-governmental structure that would make relevant historical and current information on marine science and technology in Europe available on a permanent basis.

On February 28th 2002 EurOcean was officially created in Lisbon, Portugal, and since then it has evolved into a flexible, dynamic, innovative and creative organisation that builds on its membership and the broader marine science community to bridge the gaps in marine science and technology in Europe. Priority is given to three main domains: Marine Research Infrastructures; Marine Knowledge Management and Ocean Public Outreach and Education Activities.

### Structure and Governance

EurOcean is a pan-European network of leading national, regional and European organisations active in marine science, technology and related activities, such as coordination, decision-making, financing, information management and dissemination to a large variety of end-users. The diverse nature of EurOcean Member Organisations (marine research, research funding and marine public outreach organisations) makes it uniquely capable of promoting information exchange and delivering relevant products in all fields of marine science and technology, particularly in EurOcean's three main lines of work.

**In 2014 EurOcean had 14 Member organisations from 10 European countries and maintains cooperation agreements with another three Cooperating Members.** A full list of EurOcean Members is available in Annex 1 of this report.



### Member Organisations and Delegates

The Member Organisations are legally bound through a Memorandum of Understanding (MoU) that remains in force for four years. As the Member Organisations' CEOs reiterated their commitment in 2012 the current MoU is in force until 2015.

Representatives of the Member Organisations (Steering Committee) constitute EurOcean's main decision-making body and establish, among other things, (i) strategic and policy guidelines and (ii) operational guidelines, including approval of the Yearly Work Programme. The EurOcean Executive-Director is also an ex-officio member of the Steering Committee.

The Steering Committee normally meets once a year in a plenary meeting to define common priorities, agree on the Yearly Work Programme, including the main products, and to share knowledge. In 2014 the Steering Committee met in Lisbon, Portugal from November 27th to 28th and the group also included the newly appointed Executive-Director Dr. Ned Dwyer.

### Executive Committee

EurOcean's activities are overseen by the Executive Committee (ExCom), which is composed of a President and two Vice-Presidents and, as an ex-officio member, EurOcean's Executive-Director.

ExCom members are elected by the EurOcean Members (Steering Committee) for a two-year term, renewable once if



re-elected. In 2014 EurOcean's ExCom officers were re-appointed apart from the Vice-President Geoffrey O' Sullivan (Marine Institute (MI), Ireland) who retired from the MI in August 2014. A new ExCom officer was therefore appointed: Vice-President Jean-François Masset (Ifremer, France). A full list of EurOcean ExCom members is available in Annex 2 of this report.

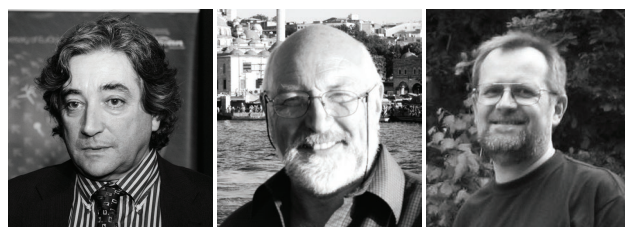


The ExCom meets twice a year to follow up on implementation of the Work Programme approved by the Steering Committee in the plenary meetings and in 2014 it met on June 5th and on November 27th, the latter included the participation of the newly appointed Executive-Director Dr. Ned Dwyer.

### EurOcean Foundation Board

EurOcean is legally set up as a foundation, which was established under Dutch law on December 13th 2007. As of January 2009, the EurOcean Foundation has been legally registered in Portugal.

The Board of Directors meets once a year, and on November 28th 2014 (Lisbon, Portugal) the Board of Directors endorsed all the legal and financial decisions taken in the 2014 Steering Committee Meeting and approved the appointment of one



EurOcean's Former Executive Committee.  
From left to right: EurOcean President, Ricardo Serrão Santos (FRCT - Portugal); EurOcean Vice-President, Geoffrey O'Sullivan (MI - Ireland) and EurOcean Vice-President, Slawomir Sagan (IOPAN - Poland).



EurOcean's New Executive Committee.  
From left to right: EurOcean President, Ricardo Serrão Santos (FRCT - Portugal); EurOcean Vice-President, Jean-François Masset (Ifremer - France) and EurOcean Vice-President, Slawomir Sagan (IOPAN - Poland).

### EurOcean Steering Committee.

From left to right: Ricardo Serrão Santos (FRCT - Portugal), Geoffrey O'Sullivan (MI - Ireland until August 2014), Mick Gillooly (MI - Ireland), Slawomir Sagan (IOPAN - Poland), Francisco Pinto (FRCT - Portugal), António Pascoal (FCT - Portugal), Henrique Queiroga (CESAM - Portugal), Nicolae Panin (GeoEcoMar - Romania), Jean-François Masset (Ifremer - France), Per Nieuwejaar (IMR - Norway), Manuel Cira (Nausicaá - France), Tina Mertens (VLIZ - Belgium), Demetrio Armas Pérez (IEO - Spain), Antonella Vassalo (IOI - Malta) and Ennio Marsella (CNR - Italy).



**new Board member** and the stepping down of an existing Board member. The EurOcean Foundation's Board is currently composed of six members. The EurOcean Executive-Director and the newly appointed Executive-Director were also ex-officio members of the Board. EurOcean's full list of Foundation Board members is available in Annex 2 of this report.






Following a decision taken at the 11th Steering Committee Meeting (2011), the **Director and Officers Liability Insurance** policy, taken out on January 1st 2014 with a limit of liability of €500,000, was renewed for an additional one-year period.

### EurOcean Office




The strategic and operational decisions and activities agreed by the Steering Committee and the Executive Committee are implemented by the Office. Located at the Portuguese Science and Technology Foundation (FCT) premises in Lisbon, Portugal since 2002 (as Co-Founding Member and hosting organisation), the EurOcean Office staff in 2014 comprised an Executive-Director, an Office Coordinator and European Project Manager, two European Project Managers, two Science Officers and two Temporary Junior Science Officers.


See the main responsibilities of the EurOcean staff in Table 1.

Table 1. Main responsibilities of EurOcean's staff.

EurOcean staff	Position	Main responsibilities
 Telmo Carvalho	Executive-Director (EurOcean contract)	<ul style="list-style-type: none"> <li>• Supervision of the implementation of the approved work programme;</li> <li>• Supervision of the Office;</li> <li>• Identification of new areas of activity;</li> <li>• Identification of new possibilities of cooperation and Membership;</li> <li>• Identification of participation opportunities in European Projects and development of the selected proposals;</li> <li>• Supervisor and manager of the NetBiome-CSA project.</li> </ul>
 Cristina Costa	Office Coordinator European Project Manager (EurOcean contract)	<ul style="list-style-type: none"> <li>• Office Coordinator;</li> <li>• Responsible for the European information on marine and maritime affairs;</li> <li>• Responsible for the coordination and development of new project proposals;</li> <li>• Supervisor of the STAGES project;</li> <li>• Supervisor and co-manager of the Sea for Society project;</li> <li>• Co-Manager of the NetBiome-CSA project;</li> <li>• Supervisor and Manager of the RISC-KIT project.</li> </ul>
 Sandra Sá	Science Officer (EurOcean contract)	<ul style="list-style-type: none"> <li>• Responsible for the information management on: <ul style="list-style-type: none"> <li>- Marine Infrastructures;</li> <li>- Public Outreach;</li> <li>- Higher Education and,</li> <li>- Job Opportunities;</li> </ul> </li> <li>• Manager of the SEASERA project;</li> <li>• Manager of the COFASP project;</li> <li>• Manager of the EUROFLEETS 2 project;</li> <li>• Support to the NetBiome-CSA project;</li> <li>• Responsible for the OFEG website;</li> <li>• Responsible for the ERVO website.</li> </ul>
 Zoi Konstantinou	European Project Manager (EurOcean contract)	<ul style="list-style-type: none"> <li>• Manager of the RISC-KIT project;</li> <li>• Support of NetBiome Project;</li> <li>• Manager of Marine Sciences Information.</li> </ul>
 Sofia Cordeiro	Science Officer (FCT fellowship)	<ul style="list-style-type: none"> <li>• Responsible for the legal, administrative and financial issues;</li> <li>• Responsible for the organisation of events in which EurOcean is the main organiser;</li> <li>• Manager of the CIRCLE-2 project;</li> <li>• Co-Manager of the Sea for Society project;</li> <li>• Financial manager of the NetBiome-CSA project.</li> </ul>



EurOcean staff	Position	Main responsibilities
 Ruth Higgins	Science Officer (FCT fellowship)	<ul style="list-style-type: none"> <li>• Support of the Sea for Society project;</li> <li>• Responsible for the Marine Knowledge Management component;</li> <li>• Support to the preparation of project proposals.</li> </ul>
 Maica Garriga	Temporary European Project Manager (EurOcean contract)	<ul style="list-style-type: none"> <li>• Manager of the STAGES project.</li> </ul>
 Duarte Antunes	Temporary Junior Science Officer (EurOcean contract)	<ul style="list-style-type: none"> <li>• Additional support in specific tasks of European projects.</li> </ul>
 Margarida Ferreira	Temporary Junior Science Officer (EurOcean contract)	<ul style="list-style-type: none"> <li>• Additional support in specific tasks of European projects.</li> </ul>

 Ned Dwyer	Newly Appointed Executive-Director	<p>Following the contribution of Telmo Carvalho as EurOcean Executive-Director for six years, EurOcean opened a European call for the position of Executive-Director which was successfully concluded with the selection of Dr. Ned Dwyer. Dr. Dwyer, previously working since 2002 at the Coastal and Marine Research Centre of University College Cork, Ireland as team leader of the Applied Remote Sensing and GIS group and from 2010 as the Centre's Deputy Director, will begin his new role as of January 1st 2015.</p> <p>Dr. Dwyer has many years of experience in marine data and information management and was the project manager of the Marine Irish Digital Atlas development. He was co-chair of the IOC/IODE International Coastal Atlas Network (ICAN) Project from 2008 to 2014 and is still actively involved in its Steering Group.</p>
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05.

## Marine Research Infrastructures



EurOcean  
**2014**  
annual report

by EurOcean Office



## 05. Marine Research Infrastructures

Marine research infrastructures are one of the main focus areas of EurOcean and since 2006 it has developed and maintained several relevant information infobases.

In 2013, a new infrastructure infobase (EurOcean\_RID) integrating all European marine research facilities was developed, enlarging to four the number of open access information resources available to users. The other three databases are European Research Vessels InfoBase (EurOcean\_RV), European Large Exchangeable Instruments InfoBase (EurOcean\_LEXI) and the European Aquaculture Experimental and Research Facilities InfoBase (EurOcean\_AF).

### Marine Research Infrastructures Database – EurOcean\_RID

<http://rid.eurocean.org>



In collaboration with:

CSA  
**OCEANS**  
JPI Oceans support action

Seas-ERA  
EUFP7ERA-NET

Launched in 2013 in collaboration with CSA Oceans JPI Oceans (EU-funded project) and SEAS-ERA (EU-funded project), EurOcean\_RID offers a comprehensive inventory of all European marine dedicated research facilities, providing the first level of information for each facility as well as operator contact information.

The infobase currently contains a total of 865 records classified in 6 categories, from 34 European countries as well as from Cabo Verde, the Philippines and the USA.

### European Research Vessels InfoBase – EurOcean\_RV

[www.rvinfobase.eurocean.org](http://www.rvinfobase.eurocean.org)



Launched in 2006, it gathers information on European research vessels larger than 10 metres in length (operating, planned/under construction and out of service).

The infobase, which has records of 311 vessels from 28 European countries including Russia available for consultation, currently provides information on technical specifications using 87 descriptors, including information about on-board equipment and contact information. The infobase also provides basic online statistical information.

Real time position of the some large research vessels is also available for consultation.

### European Large Exchangeable Instruments InfoBase – EurOcean\_LEXI

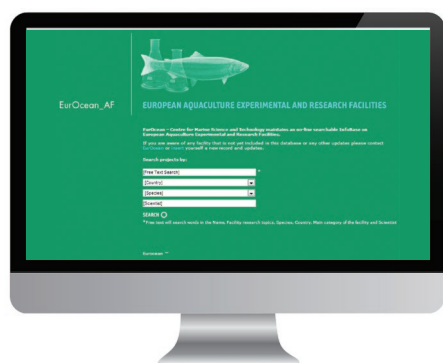
[www.lexiinfobase.eurocean.org](http://www.lexiinfobase.eurocean.org)





Launched in 2011, it contains information on 20 technical specifications and descriptors in 27 instrument categories, from autonomous underwater vehicles (AUVs) to towed vehicles. The infobase currently contains a total of 152 records from 20 European countries.

**European Aquaculture  
Experimental and Research  
Facilities InfoBase – EurOcean\_AF**  
[www.mefinfobase.eurocean.org](http://www.mefinfobase.eurocean.org)



Launched in 2010, it contains information on marine experimental aquaculture and research facilities (excluding those exclusively dedicated to freshwater facilities).

EurOcean\_AF, which is designed to facilitate access to information about research topics dealt with at a given facility, species held at the facility, a physical description of the facility and supporting facilities and special equipment at the site, as well as nearby lodging, currently contains a total of 108 records from 28 European countries.

The information available in all four infobases is publicly available and updated and validated once a year by the infrastructure operator. **The last update request was sent out on April 4th 2014.**

## Networking

Under its Marine Research Infrastructures component, EurOcean continued its important partnerships with the **European Research Vessels Operators (ERVO)** group (since 2008) and the **Ocean Facilities Exchange Group (OFEG)** (since 2011).

The partnership supports the regular update of EurOcean's infrastructures infobases as ERVO and OFEG represent the main infrastructures owners/operators and EurOcean provides services to support both groups' activities.



In the case of the ERVO group, since 2008 EurOcean has been responsible for the technical management, maintenance and content of the website and facilitating the flow of information among ERVO members. This year saw this relationship further consolidated as during the EUROFLEETS2 2014 General Assembly in Rome, a formal agreement, regulating the cooperation activities between the ERVO group and EurOcean, has been signed. Following on this EurOcean migrated ERVO's information to an independent web domain (<http://www.ervo-group.eu>) and it developed a new logo for the organisation.

Following the OFEG Group (<http://www.ofeg.org>) service contract, EurOcean continued to host and maintain the Group's new website developed and launched in March 2012.

In 2014 the Office was further **approached by four** initiatives interested in cooperating in the marine infrastructures field. The **KIMERAA – Knowledge Transfer to Improve Marine Economy in Regions from the Atlantic Area** (an Atlantic Area Transnational Programme project) project requested EurOcean to host its Sea Directory, an online platform that reflects the maritime competencies and services existing in the Atlantic Area regions (<http://kimeraa.eu>). **PERSEUS – Policy-oriented marine Environmental research for the Southern European Seas** (an FP7 project) also discussed the possible hosting of the project's developed databases. **IPBISCO - An Integrated Physico-chemical and Biological Infrastructure for Sustained Coastal Observation**, a COST project proposal invited EurOcean to participate on its Advisory Board and **iMarine - Data e-Infrastructure Initiative for Fisheries Management and Conservation of Marine Living Resources** (an FP7 project) asked the Executive-Director to participate as a Panel member in a discussion on "the grand challenges and requirements of the marine communities" panel during the project's final workshop



"From collaboration to market and future growth". Furthermore the Office attended the 7th EuroGOOS conference, which was entitled "Operational Oceanography for a Sustainable Blue Growth".

In addition, the Office was involved in two other networking activities with its Members **Ifremer** and **CNR** by carrying out an **assessment of the EurOcean Marine research Infrastructures Databases Data Conversion** under the scope of the EurOcean\_RID development and, through participation in the **Annual ERVO Group Meeting, which is chaired by CNR**.

### European Projects

Marine Research Infrastructures were also the focus of EurOcean's participation in its first EurOcean FP7 project, EUROFLEETS, followed in 2013 by EUROFLEETS2.

---

#### EUROFLEETS2 – New operational steps towards an alliance of European research fleets



**Type:** EC FP7 INFRASTRUCTURES – Research Infrastructures

**EC financial contribution:** €9 million

**Duration:** 48 months (1 March 2013 - 28 February 2017)

**Coordinator:** Ifremer, France

**Consortium:** 31 partners from 20 countries

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

#### Aims of the project

EUROFLEETS2 aims to consolidate a cooperation strategy for optimising the sharing and use of research vessels, including polar going ones in Europe. It will enhance transnational access to ships, implement common procedures and facilitate operational interoperability in marine research tools and equipment.

#### EurOcean's involvement

EurOcean's major role is in relation to communication and outreach activities, including website maintenance and update, compiling the eNewsletter and generating materials to publicise the project. It is also responsible for the management and update

of the Research Vessels and Large Exchangeable Instruments infobases and in assisting with the fostering of industrial partnerships. Furthermore it sits on the project's Executive Committee.

#### EurOcean Major 2014 Achievements

- Hosting, maintenance, update and upgrade of the EUROFLEETS2 Web-Portal.
- Issuing of the 8th EUROFLEETS2 eNewsletter.
- Contribution to the IOPAN led "Plan on Communications and Outreach".
- Reporting on communication and outreach progress including public website visit statistics.
- Development of plans on how to update the EurOcean\_RV InfoBase to better suit the needs of the vessels operators.
- Promotion of the EUROFLEETS2 project at the 2014 European Maritime Day.

---

#### Proposal Contributions

##### RAISE - ROVs, AUVs, In-situ systems and Subsea machines for effective, economical and environmentally safe offshore

This proposal led by the German organisation MARUM was submitted to the 2 stage "BG-06-2014: delivering the sub-sea technologies for new services at sea" call. EurOcean's participation was relevant because of its work in the area of marine infrastructures. Although the call was successfully evaluated at the first stage, it did not reach a sufficiently high score during the 2nd stage to be funded.



06.

## Marine Knowledge Management



EurOcean  
2014  
annual report  
by EurOcean Office



## 06. Marine Knowledge Management

Marine Knowledge Management is a priority line of EurOcean's work and encompasses the following main functions:

- facilitating access to valuable information related to research activities and technological development, in cooperation with existing national and European institutions and programmes;
- compiling and organising information on the main trends of marine science and technology;
- contributing to the preparation of synthesised reports at the request of decision-makers.

In 2014, the main Knowledge Management activities included:

**Marine Knowledge Gate 2.0 – EurOcean\_KG**  
[www.kg.eurocean.org](http://www.kg.eurocean.org)



EurOcean upgraded the Marine Knowledge Gate to version 2.0 (EurOcean\_KG - [www.kg.eurocean.org](http://www.kg.eurocean.org)) through its participation in the STAGES project in 2013 allowing users to search for Marine Strategy Framework Directive (MSFD) relevant projects and project results classified by MSFD descriptor and marine region.

Marine Knowledge Gate 2.0 provides an inventory not only of over 2,000 European funded Marine Science and Technology Projects (of 13 programmes) and approximately 1,800 knowledge elements generated ("Knowledge Outputs" or KOs), but also of circa 2,300 nationally funded marine research projects (collected from more than 80 different information sources in 25 European coastal countries).

EurOcean\_KG is updated regularly and at particular times when important events take place (i.e. specific European calls). The EurOcean\_KG infobase will be further upgraded within the

scope of projects in which EurOcean is and will be involved (e.g. COFASP and COLUMBUS) to incorporate new marine related projects as well as the final batch of FP7 and first batch of H2020 marine projects.

### Networking

As part of its work in Marine Knowledge Management, EurOcean is involved in several networking activities, including:

**MarinERA, MariFish, AMPERA**

<http://marinera.seas-era.eu>

<http://nationalmarinedb.eurocean.org>

<http://marifish.eurocean.org>

<http://ampera.eurocean.org>

MarinERA database



MariFish database



As important historical information sources on national marine RTD programmes and projects, EurOcean continues to host



AMPERA database



and maintain the MarinERA website and database and the databases from the ERA-NET Projects MariFish and AMPERA. These databases, now partially covered by EurOcean\_KG (with regards to the nationally funded projects components), are also of special importance for the STAGES and COFASP projects.

The Marine Knowledge Management area was further developed through participation of the Office in a number of meetings, including:

- **Infoday Atlantic Platform** (Brussels, Belgium – 18 February) organised by the Marine Resources Unit of DG Research aimed at clarifying what was intended in the different calls/topics.
- **Fórum do Mar 2014 - Atlantic Blue Tech Seminar** (Oporto, Portugal - 29 May) organised by the Interreg funded project “Atlantic Blue Tech” where the Office participated as an invited speaker to present the European and national panorama on the marine biotechnology field based on the information available in the EurOcean Knowledge Gate Infobase.
- **Blue Bioresources Initiative** (Cascais, Portugal – 11 September) organised by the Cascais municipality in the scope of the International BIOMARINE event aiming at establishing a network of companies and businesses in this ocean economy.

### European Projects

Marine Knowledge Management was also addressed through participation in several FP7 funded projects, namely: SEAS-ERA, STAGES, CIRCLE-2, COFASP, NetBiome-CSA and RISC-KIT.

### SEAS-ERA – Towards Integrated Marine Research Strategy and Programmes



**Type:** EC FP7 Environment (including Climate Change)

**EU financial contribution:** €2 million

**Duration:** 48 months (1 May 2010 - 30 April 2014)

**Consortium:** 21 partners, 2 third parties and 1 cooperating member from 18 countries

**Coordinator:** MICINN, Spain

**Website:** [www.seas-era.eu](http://www.seas-era.eu)

### Aims of the project

The goal of SEAS-ERA, now concluded, was to embrace marine and maritime research in its entirety, going beyond previous initiatives which only targeted a given area or basin, and thus create a stable and durable structure for empowering and strengthening marine research all across Europe. SEAS-ERA was a platform for developing a European integrated policy oriented structure to promote knowledge and expertise in any sea related area. The overarching characteristic of SEAS-ERA was its ambition to embrace the whole spectrum of marine and maritime research, making it an open forum for knowledge sharing, an authentic arena where all sea related knowledge could mingle.

### EurOcean's involvement

EurOcean acted as a third party to FCT and provided its expertise in relation to communications and dissemination activities being responsible for maintaining the web portal, developing promotional materials and dissemination to targeted audiences. Moreover development of the ocean infrastructure database (EurOcean\_RID) took place under the project.

### SEAS-ERA – EurOcean Major 2014 Achievements

- Design and printing of the “SEAS-ERA Legacy Report”.
- The maintenance and update of the SEAS-ERA “Internet Hub”.
- Participation in the 3rd SEAS-ERA Strategic Forum and the project's Final Conference.



## STAGES – Science and Technology Advancing Governance of Good Environmental Status



**Type:** EC FP7 Environment (including Climate Change)  
**EU financial contribution:** €1 million  
**Duration:** 24 months (1 September 2012- 31 August 2014)  
**Consortium:** 8 partners from 7 countries  
**Coordinator:** CETMAR, Spain  
**Website:** [www.stagesproject.eu](http://www.stagesproject.eu)

### Aims of the project

The overarching goal of STAGES, now concluded, was to develop a platform to ensure that the knowledge generated through European science and technology could be channelled effectively to policy and decision makers to inform and facilitate implementation of the MSFD (Marine Strategy Framework Directive) and the achievement of GES (Good Environmental Status). The role and input of MSFD stakeholders was central to the project's activities and to proposals for a science policy interface.

### EurOcean's involvement

EurOcean played a leading role in the identification, collection and analysis of EU and national research activities relevant to the MSFD taking advantage of the wealth of information in the Marine Knowledge Gate. EurOcean also contributed its expertise in science communication and networking.

### STAGES – EurOcean Major 2014 Achievements

- Development of an additional report on the STAGES methodology for identification and collection of MSFD related projects, as well as the Marine Knowledge Gate as a major repository of the information gathered.
- Development and production of 3 additional reports consisting of a statistical analysis of all the MSFD-related projects identified:
  - An overview of potentially relevant European and National research;
  - An insight into country participation in potentially relevant European and national research across 25 European coastal countries;
  - A set of recommendations to enhance access to European and National public funded research with relevance for MSFD implementation.

## FP7 Marine-Related Projects – Harnessing MSFD-related Research

A major report providing an overview of the more than 1,300 national and European funded projects potentially relevant for the Marine Strategy Framework Directive implementation was prepared as part of the STAGES project. Moreover a set of factsheets for 25 countries were produced identifying funding programmes used, key coordinating organisations involved, sea basins studied and the Good Environmental Status descriptors that were the focus for research. The reporting concluded with a set of recommendations on how to improve access to relevant MSFD research outputs for those charged with the Directive's implementation.



Available at <http://stagesproject.eu/stages-msfd-decision-support-resources>

## CIRCLE-2 – Climate Impact Research & Response Coordination for a Larger Europe



**Type:** EC FP7 Environment (including Climate Change)  
**EU financial contribution:** €2 million  
**Duration:** 48 months (1 May 2010 - 30 April 2014)  
**Consortium:** 20 partners and 14 contributing partners from 23 countries  
**Coordinator:** FFCUL, Portugal  
**Website:** [www.circle-era.eu](http://www.circle-era.eu)



### Aims of the project

CIRCLE-2, now concluded, was an ERA-NET that focused on the interface between climate change science and policy. By promoting networking activities, it aimed to maximise the degree to which research outcomes address both national and European climate policy needs. A structuring impact on the European climate change research landscape can only be achieved if joint research funding is put into practice and its results are transferred in effective ways. CIRCLE-2 aimed to further reinforce coordination and cooperation between national and regional climate research programmes.

### EurOcean's involvement

Under the supervision of the Project Coordinator, EurOcean acted as a subcontractor and was responsible for the development of Technical Applications and Dissemination Materials including the website, the climate adaptation InfoBase, promotional and dissemination materials.

### CIRCLE-2 - EurOcean Major 2014 Achievements

- Maintenance and update of the project's website and database.
- Participation in the CIRCLE-2 Final Conference.

### COFASP – Cooperation in Fisheries, Aquaculture and Seafood Processing



**Type:** EC FP7 Knowledge-based Biotech Economy

**EU financial contribution:** €2 million

**Duration:** 48 months (1 February 2013 - 31 January 2017)

**Consortium:** 27 partners from 16 countries

**Coordinator:** DASTI, Denmark

**Website:** [www.cofasp.eu](http://www.cofasp.eu)

### Aims of the project

COFASP is a European Research Area Network (ERA-NET) with a focus on coordinating activities that can help improve the contribution of the marine bioeconomy (i.e. fisheries, aquaculture and seafood processing) to Europe's economic wellbeing. The main objectives of COFASP are:

- To lay the basis for exploitation according to the precautionary principles and to enhance innovation in and competitiveness of the primary fisheries and aquaculture sectors as well as subsequent seafood processing and distribution to the consumer.
- To define the science, information and data necessary to underpin the revision of the Common Fisheries Policy and to ensure its successful implementation by designing complementary national research programmes and outlining monitoring and information/data sharing systems needed.

### EurOcean's involvement

EurOcean is responsible (as EurOcean Member CNR subcontractor) for updating the information database listing national and European funding projects in the fisheries, aquaculture and seafood processing sectors.

### COFASP - EurOcean Major 2014 Achievements

- The compilation of responses from an online questionnaire on relevant projects.
- The development of a proposal of technical specifications for the upgrade of the MariFish database.
- The analysis and harmonisation of almost 3,000 projects and their inclusion in the upgraded database (<http://cofasp.eurocean.org>).

### RISC-KIT – Resilience-Increasing Strategies for Coasts – toolKIT



**RISC-KIT**  
RESILIENCE-INCREASING  
STRATEGIES FOR COASTS - toolKIT  
[WWW.RISCKIT.EU](http://WWW.RISCKIT.EU)

**Type:** EC FP7 Environment (including Climate Change)

**EU financial contribution:** €6 million

**Duration:** 42 months (1 November 2013 - 30 April 2017)

**Consortium:** 18 partners from 10 countries and 2 international organisations

**Coordinator:** Deltares, Netherlands

**Website:** [www.risckit.eu](http://www.risckit.eu)

### Aims of the project

To develop and deliver ready-to-use methods, tools and management approaches to reduce risk and increase resilience to low-frequency, high-impact hydro-meteorological events on European coasts. These



products will enhance forecasting, prediction and early warning capabilities, improve the assessment of long-term coastal risk and optimise the mix of prevention, mitigation and preparedness measures.

### EurOcean's involvement

EurOcean is responsible for the dissemination and knowledge transfer activities of the project including maintenance and updates of the website, production of the regular eNewsletter and the generation of promotional materials. EurOcean is also involved in the collection, review and historical analysis of relevant data.

### RISC-KIT - EurOcean Major 2014 Achievements

- Development the project's visual identity, including logo and promotional materials.
- Development, organization and maintaining the project's web portal and social media design and dissemination of 1st eNewsletter and issuing of a press release.
- Identification of the project's End-Users and development of RISC-KIT's Dissemination Plan.
- Design and production of RISC-KIT's first policy-brief.
- Support in the historical events collection process.
- Presentation of the project at the workshop on "Coasts and Ports at Threat", organized in the framework of European Maritime Day 2014.
- Participation in the Belmont Forum Coastal Vulnerability Collaborative Research Action Project's Mid-Term Meeting, identifying the aim to hold a common workshop between RISC-KIT, PEARL and related Belmont Forum projects.



EMD workshop "Coasts and Ports at Threat" panel. (left to right: Prof. Jensen, Dr. Burzel, Dr. Schlitz, Dr. van Dongeren (RISC-KIT), Ms. Costa (RISC-KIT) .

Source: <https://www.flickr.com/photos/97670732@N02>

### NetBiome-CSA – Strengthening European research cooperation for smart and sustainable management of tropical and subtropical biodiversity in outermost regions and overseas countries and territories



**Type:** EC FP7 Environment (including Climate Change)

**EU financial contribution:** €1 million

**Duration:** 36 months (2 May 2013 - 1 May 2016)

**Consortium:** 13 partners from 8 countries

**Coordinator:** FRCT, Azores, Portugal

**Website:** [www.netbiome.eu](http://www.netbiome.eu)

### Aims of the project

NetBiome-CSA aims to extend and strengthen research partnerships and cooperation for smart and sustainable management of tropical and subtropical biodiversity in European Outermost Regions (ORs) and Overseas Countries and Territories (OCTs), through a participative process mobilising stakeholders, their knowledge and resources for initiatives such as policy and priority analysis, multi-stakeholder dialogues, exchange of good practices, training and issuing of recommendations.

### EurOcean's involvement

EurOcean leads communication and dissemination activities including maintenance and updates of the website, production of the regular eNewsletter and the generation of promotional materials. EurOcean is also involved in the structuring of the database to support the Biodiversity Management Toolbox, the identification of the specific challenges to be addressed and in the stakeholder identification.

### NetBiome-CSA - EurOcean Major 2014 Achievements

- Development of a set of promotional materials (Project Folders, Pens, Pen Drives, Mints and 2 Roll-ups).
- The maintenance and update of project website and social media (Facebook and Linked-in).
- Development and distribution of the 1st printed NetBiome Newsletter.



- Participation in the International Conference “Boosting sustainable development from high biodiversity: prospects for green and blue growth in ORs and OCTs”, in the Canary Islands, Spain
- Development of a script for a project promotional video.
- The promotion of the NetBiome-CSA project in the 2014 European Maritime Day.
- The participation in the Guadeloupe 2014 Conference.

### The Guadeloupe Conference on Biodiversity and Climate Change

The Guadeloupe 2014 Conference was a high level international meeting on biodiversity and climate change in Europe’s Outermost Regions (ORs) and Overseas Countries and Territories (OCTs), and in the Small Island Developing States (SIDS) of the same geographic areas. It was a by invitation only event and the Executive-Director participated presenting at the Blue Growth workshop on how the Rome Declaration could support the conservation of biodiversity in these important areas.

The conference led to the “Message from Guadeloupe” (<http://guadeloupe2014.com/wp-content/uploads/2014/11/Guadeloupe-to.pdf>) which proposes concrete actions and proposals to cope with climate change impacts and promote a shifting paradigm in the way to address biodiversity loss in these very important territories.



NetBiome-CSA Guadeloupe 2014 Conference participants.

### New European Project

#### COLUMBUS- Monitoring, Managing and Transferring Marine and Maritime Knowledge for Sustainable Blue Growth



**Type:** EC H2020 Blue Growth – Unlocking the Potential of Seas and Oceans

**EU financial contribution:** € 4 million

**Duration:** 36 months (1 March 2015 - 28 February 2018)

**Consortium:** 27 partners from 12 countries

**Coordinator:** BIM, Ireland

**Website:** Not yet available

#### Aims of the project

COLUMBUS aims to ensure that applicable knowledge generated through EC-funded science and technology research can be transferred effectively to advance the governance of the marine and maritime sectors while improving competitiveness of European companies and unlocking the potential of the oceans to create future jobs and economic growth in Europe (Blue Growth).

#### EurOcean’s involvement

EurOcean’s major role is to lead the identification, collection and monitoring of past and current research activity with a view to collecting Knowledge Outputs focused on a number of priority areas to be defined in the project. These Knowledge Outputs will then be included in the EurOcean maintained Marine Research Knowledge Gate. EurOcean’s other significant contribution will be in relation to the organisation of an annual Blue Society Knowledge Transfer conference and the development of an annual Blue Society award.



# 07.

## Ocean Public Outreach and Education Activities



EurOcean  
**2017**  
annual report  
by EurOcean Office



## 07. Ocean Public Outreach and Education Activities

The identification, collection, aggregation, analysis and electronic dissemination of marine information are among EurOcean's core activities. In this context, EurOcean's key products are its internet portal and social media components.

### EurOcean Portal

[www.eurocean.org](http://www.eurocean.org)

The EurOcean portal promotes the organisation's info databases and activities. It is constantly being updated, and in 2014 approximately 10 updates were made available each week. Information is gathered from Member websites; websites dedicated to new research and marine technology; the DG MARE, DG Research and DG Environment websites and various newsletters. Specific information is also incorporated at the request of Members and other interested institutions.

In addition EurOcean's eNewsletter, is sent to approximately 3,000 subscribers on a regular basis and contains relevant news items, funding opportunities, upcoming events and jobs listings.



### EurOcean Facebook Page

[www.facebook.com/EurOcean](https://www.facebook.com/EurOcean)

To better target the younger generation, EurOcean's Facebook page was regularly updated with job opportunities, calls and other articles geared towards the target audience.

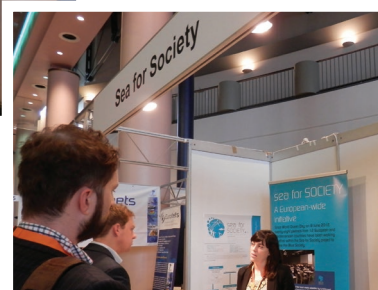
### 2014 European Maritime Day

In addition to several other dissemination activities in particular in the Marine Knowledge Management line, the EurOcean Office participated in the 2014 European Maritime Day Stakeholder Conference, held in Bremen on May 19th and 20th, with a dedicated stand displaying EurOcean promotional materials

and products such as the EurOcean\_RID and EurOcean\_KG infobases, in addition to promotional materials from the projects where EurOcean has been involved, in particular RISC-KIT and NetBiome-CSA.

Due to the proactivity of the Office, the EurOcean stand captured the attention of several stakeholders that showed a great interest in the Centre's activities and requested further information.

Furthermore, EurOcean, through its involvement in the EUROLEETS2 and Sea For Society projects, was also responsible for the project dedicated stands and, in addition, the Office participated in the RISC-KIT "Coasts and Ports at Threat"





Workshop, organised in the framework of the 2014 EMD, as a Panel member.

The activity, which involved the entire Office, had a strong impact as several stakeholders from all the EurOcean's lines of work were involved.

### European Projects

The Public Outreach and Education line of activity is also being pursued through participation in the **Sea for Society FP7 project**. The Sea for Society project, led by EurOcean Member Nausicaá, can be considered a **EurOcean Network achievement** as it was developed with the strong support of the Office and has brought about a multidisciplinary partnership that includes several other EurOcean Members (IOPAN, IEO, MI, IMR and Ifremer).

#### SFS – Sea for Society



**Type:** EC FP7 Science in Society

**EU financial contribution:** €4.2 million

**Duration:** 42 months (1 June 2012 – 30 November 2015)

**Consortium:** 20 partners from 11 countries

**Coordinator:** Nausicaá, France

**Website:** [www.seaforociety.eu](http://www.seaforociety.eu)

#### Aims of the project

SFS is developing a new and ambitious vision for society that is in harmony with the oceans by:

- Bringing together and mobilising researchers, marine and terrestrial actors, Civil Society Organisations and private individuals and youth in a mutual learning, open dialogue process (Consultation Process across Europe).
- Empowering actors and citizens to take tangible actions to help address the challenge identified as a result of the Consultation Process to ensure sustainable management of marine eco-system services by European citizens (Mobilization Phase).
- Developing and enriching the concept of Blue Society as a basis for improved governance of the Ocean.

#### EurOcean's involvement

EurOcean is the partner responsible for the project's communication and dissemination activities, including website maintenance and update, design and development of promotional materials and assisting in developing the Blue Society support materials. EurOcean also contributes to several other activities, including planning, mobilization, and analysis of results of the dialogue process, and management of knowledge towards a "Blue Society".

#### SFS – EurOcean Major 2014 Achievements

- Development of Communication Guidelines for the 2014 Summer Activities / Pre-mobilisation Activities.
- Regular update and maintenance of the SFS Website and the development of a SFS Press Release.
- Regular participation at the Blue Society Expert Group Meetings contributing to the development of the Blue Society Concept.
- Organisation of meeting in Brussels to prepare the mobilisation phase with Communication Task Force, the Blue Society Expert Group and the SFS Steering Committee members.
- Raising awareness, through a dedicated SFS booth at the European Maritime Day on May 19th-20th 2014, in Bremen, Germany.

#### Proposal Contributions

##### SeaRenGov – Sea Renewable Energy Governance

Following previous contacts with the Portuguese company WavEC - Offshore Renewables and taking into consideration the involvement of EurOcean in the Sea For Society (SFS) project, the Office was invited to participate in a project proposal for submission to "H2020-LCE-2014-2", a call for Competitive Low-Carbon Energy, topic "LCE 20 – 2014: The human factor in the energy system". The project's aim was to identify and analyse public concerns and workforce constraints which may hinder or prevent a smooth transition to a low carbon energy economy. EurOcean's participation in this proposal was relevant as it expanded the organisation's activities in another area of ocean activities, namely offshore energy and built on EurOcean's expertise in dissemination and communications. Unfortunately the submitted project did not reach a sufficiently high score during evaluation to be funded.



# 08.

## Additional activities



EurOcean  
2014  
annual report  
by EurOcean Office



## 08. Additional Activities

In addition to the activities undertaken as part of its three main lines of work, in 2014 EurOcean continued to provide dedicated services to its Members such as the organisation of training activities, support in the identification and establishment of new European funded project proposals and, in the participation of several meetings.

### **EurOcean Member Training Activities**

Following successful training activities in 2011, 2012 and 2013, in cooperation with EurOcean Member CESAM, the Office organised a training activity for one researcher in 2014 – Mr Juan José Bonello (freelance Environmental Scientist) – at the request of EurOcean Member MCST. The training activity, supervised by CESAM's Member Representative Prof. Henrique Queiroga, took place at the CESAM/ University of Aveiro, Department of Biology, Aveiro, Portugal from February 17th to 21st.



Mr. Juan José Bonello, Maltese researcher.

### **Other EurOcean Dedicated Member Services**

EurOcean continued in 2014 to identify for its Members funding opportunities under H2020. Furthermore, as current practice, EurOcean continued to promote the participation of its Members in specific project proposal consortiums, such as with VLIZ, Nausicaá and GeoEcoMar for the COLUMBUS project proposal under the BG-11-2014 call: Monitoring, dissemination and uptake of marine and maritime research.

The Office also continued to support the establishment of research consortiums at the direct request of its Members, such as with Marine Institute and FCT for the Ocean Literacy component of the BG-14-2014 call: Supporting international cooperation initiatives: Atlantic Ocean Cooperation Research Alliance project proposal, as well as with its Cooperating Member FdM in the establishment of an aquaculture development project consortium.

Furthermore the Office continued to support its Members upon request, such as with FCT and its involvement in the OECD Ocean Economy Working Group.

### **IT Infrastructure**

To ensure the operation of all the IT products developed in the scope of EurOcean's activities, European projects and service contracts, the Office acquired in 2014 a further one-year backup service for the mini data centre information (2 servers and a relay machine).

### **EurOcean Annual Report**

Following the 2012 new Annual Report design aimed at improving communication of EurOcean's broad range of activities, the Office released its 2013 Annual Report available for consultation online in the EurOcean Portal.



### **Meetings**

Either at the direct request of external organisations or due to the relevance of the meetings, EurOcean participated in several other meetings, namely:



- **4th Edition LEME - Barómetro PwC da Economia do Mar** (Lisbon, Portugal - 16 January) aimed at presenting the Portuguese component of International Barometer for the Sea Economy.
- **OECD Meeting (representing FCT): 2nd Meeting of the Steering Group - The Future of the Ocean Economy: Exploring the prospects for emerging ocean industries to 2030** (Paris, France – 16 May) aimed at exploring the relevance for FCT to be part of the Working Group.
- **Lisbon Smart Specialisation Strategy Priorities** (Lisbon, Portugal – 24 to 30 July) aimed at the identification of ocean related priority areas for the city of Lisbon in line with the main European trends.
- **Meeting with Portuguese Directorate General for Maritime Policy (DGPM)** (Lisbon, Portugal – 1 August) dedicated to explore further cooperation actions namely the evaluation by EurOcean of two EEA Grants (European Economic Area Grants) proposals on Ocean Education. Programme funded by Norway, Iceland and Lichtenstein.
- **EurOCEAN 2014 Conference** (Rome, Italy – 7 to 9 October) dedicated to Blue Growth and commercially-driven research.
- **EMS2014 – Environmental Monitoring and Surveillance Challenges, Solutions and Opportunities** (Oporto, Portugal – 4 to 5 December) under the launch of the smart sensors, monitoring platforms and interoperability case studies (EEA Grants organisation).



**09. 10.**

Finances 2014

Annexes

**“** EurOcean  
**2014**  
annual report  
by EurOcean Office **”**



## 09. Finances 2014

The EurOcean annual budget is based on:

- Member Organisation contributions;
- European Projects Contracts;
- Contracts of Services;
- Other contributions, e.g. deposit interests and reimbursements.

The following financial table depicts the 2014 EurOcean finances in accordance with the professional accounting principles, which at the time of this report were independently audited.

Available Funds in 2014	All figures in Euro '000s
Member contributions	107.5
European Projects Contracts	231.7
Contract of Services	28.1
Other contributions	6.4
<b>Total available funds in 2014</b>	<b>373.7</b>

Expenditure in 2014	
Information Management	17.7
Dissemination	33.4
Human Resources Salaries	212.3
Other (office running expenses and meetings)	71.1
<b>Total expenditure in 2014</b>	<b>334.5</b>

EurOcean Foundation funds available at the end of 2014	
Available funds in 2014	373.7
Expenditure 2014	334.5
2014 IRC (Corporation Tax)	7.1
<b>Total 2014 Balance</b>	<b>32.1</b>
Capital amount	66.5
Carry over from previous years	27.0
<b>Total funds available at the end of 2014</b>	<b>125.6</b>



## 10. Annexes

### Annex 1. EurOcean Members and Cooperating Members as of 31st December 2014

#### Members

##### Belgium

*Vlaams Instituut voor de Zee* / Flanders Marine Institute (VLIZ)  
<http://www.vliz.be>

##### France

*Institut Français de Recherche pour l'exploitation de la Mer* / French Research Institute for Exploitation of the Sea (Ifremer)  
[http://www.ifremer.fr/institut\\_eng](http://www.ifremer.fr/institut_eng)

*Nausicaá Centre National de la Mer* / Nausicaá National Sea Centre (Nausicaá)  
<http://www.nausicaa.co.uk>

##### Ireland

*Irish Marine Institute* (MI)  
<http://www.marine.ie>

##### Italy

*Consiglio Nazionale delle Ricerche* / National Research Council (CNR)  
<http://www.cnr.it/sitocnr/Englishversion/Englishversion.html>

##### Malta

*Malta Council for Science and Technology* (MCST)  
<http://www.mcst.gov.mt>

##### Norway

*Havforskningsinstituttet* / Institute of Marine Research (IMR)  
<http://www.imr.no/en>

##### Poland

*Instytut Oceanologii Polskiej Akademii Nauk* / Institute of Oceanology of the Polish Academy of Sciences (IOPAN)  
<http://www.iopan.gda.pl>

##### Portugal

*Fundação para a Ciência e a Tecnologia* / Foundation for Science and Technology (FCT)  
<http://www.fct.pt/index.phtml.en>

*Fundo Regional para a Ciência* / Azores Regional Fund for Science (FRCT)  
<http://www.azores.gov.pt/Portal/en/entidades/srmctfrct>

*Centro de Estudos do Ambiente e do Mar* / Centre for Environmental and Marine Studies (CESAM)  
<http://www.cesam.ua.pt>

##### Romania

*Institutul National de Cercetare - Dezvoltare pentru Geologie si Geoecologie Marina* / National Institute for Research and Development of Marine Geology and Geoecology (GeoEcoMar)  
<http://www.geoecomar.ro/website/en>

##### Spain

*Instituto Español de Oceanografía* / Spanish Institute of Oceanography (IEO)  
<http://www.ieo.es>

##### International

*International Ocean Institute* (IOI), Headquarters  
<http://www.ioinst.org>

#### Cooperating Members

##### Malta

*Fondation de Malte* (FdM)  
<http://www.fondationdemalte.org>

##### International

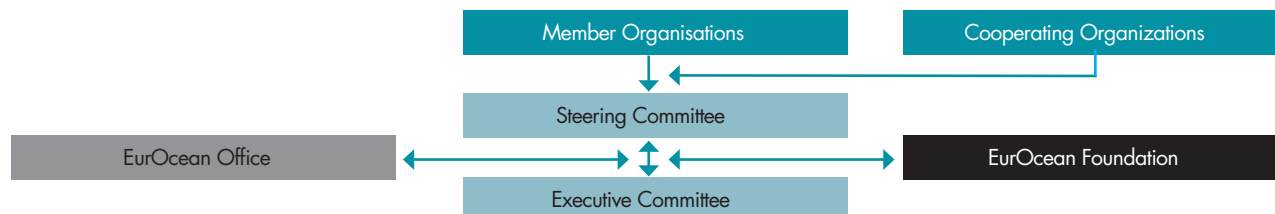
*Conférence des Régions Périphériques Maritimes d'Europe* (CRPM) / Conference of Peripheral Maritime Regions of Europe (CPMR)  
<http://www.crpm.org>

*Intergovernmental Oceanographic Commission of UNESCO* (IOC-UNESCO)  
<http://ioc-unesco.org>



## Annex 2. EurOcean Bodies in 2014

### EurOcean Structure



### Executive Committee Composition

#### Until 28<sup>th</sup> November 2014

##### President

Ricardo Serrão Santos, FRCT Member Representative

##### Vice-President

Geoffrey O'Sullivan, MI Member Representative

##### Vice-President

Slawomir Sagan, IOPAN Member Representative

#### After 28<sup>th</sup> November 2014

##### President

Ricardo Serrão Santos, FRCT Member Representative

##### Vice-President

Jean-François Masset, Ifremer Representative

##### Vice-President

Slawomir Sagan, IOPAN Member Representative

### EurOcean Foundation Board Composition

#### Until 28<sup>th</sup> November 2014

##### President

Ricardo Serrão Santos

##### Vice-President

Geoffrey O'Sullivan

##### Treasurer/Secretary

Nicolae Panin

##### Members

António Pascoal  
Slawomir Sagan  
Manuel Cira

#### After 28<sup>th</sup> November 2014

##### President

Ricardo Serrão Santos

##### Vice-President

Jean-François Masset

##### Treasurer/Secretary

Nicolae Panin

##### Members

António Pascoal  
Slawomir Sagan  
Manuel Cira

### EurOcean Office Staff

#### Executive-Director

Telmo Carvalho

#### Office Coordinator and European

Project Manager

Cristina Costa

#### European Project Manager

Sandra Sá

Zoi Konstantinou

#### Science Officers

Sofia Cordeiro

Ruth Higgins

#### Temporary Junior Science Officer

Duarte Antunes

Maica Garriga

Margarida Ferreira



### Annex 3. EurOcean Meetings in 2014

#### Executive Committee

##### 12th Executive Committee Meeting, 5th June 2014, Skype

###### Participants

Members	Ricardo Serrão Santos	President of the EurOcean Centre; FRCT Member Representative
	Geoffrey O'Sullivan	Vice-President of the EurOcean Centre; MI Member Representative
	Slawomir Sagan	Vice-President of the EurOcean Centre; IOPAN Member Representative
EurOcean Office	Telmo Carvalho	Executive-Director of the EurOcean Centre
	Cristina Costa	Office Coordinator and European Project Manager of the EurOcean Centre
	Sofia Cordeiro	Science Officer of the EurOcean Centre

##### 13th Executive Committee Meeting, 27th November 2014, Lisboa, Portugal

###### Participants

Members	Ricardo Serrão Santos	President of the EurOcean Centre; FRCT Member Representative
	Slawomir Sagan	Vice-President of the EurOcean Centre; IOPAN Member Representative
EurOcean Office	Telmo Carvalho	Executive-Director of the EurOcean Centre



## Steering Committee

14th Steering Committee Meeting, 27th and 28th November 2014, Lisboa, Portugal

### Participants

Members	Ricardo Serrão Santos	President of the EurOcean Centre; FRCT Member Representative
	Mick Gillooly	EurOcean Centre; MI Member Representative
	Slawomir Sagan	Vice-President of the EurOcean Centre; IOPAN Member Representative
	Henrique Queiroga	CESAM Member Representative
	Ennio Marsella	CNR Member Representative
	Francisco Pinto	FRCT Member Representative
	Nicolae Panin	GeoEcoMar Member Representative
	Jean-François Masset	Ifremer Member Representative
	Per Nieuwejaar	IMR Member Representative
	Tina Mertens	VLIZ Member Representative
EurOcean Office	Manuel Cira	Nausicaá Member Representative
	Telmo Carvalho	Executive-Director of the EurOcean Centre
	Cristina Costa	Office Coordinator and European Project Manager of the EurOcean Centre
	Sandra Sá	European Project Manager of the EurOcean Centre
	Zoi Konstantinou	European Project Manager of the EurOcean Centre
	Sofia Cordeiro	Science Officer of the EurOcean Centre
	Ned Dwyer	Newly Appointed Executive-Director of the EurOcean Centre

## EurOcean Foundation Board

7th EurOcean Foundation Board Meeting, 28th November 2014, Lisboa, Portugal

### Participants

Members	Ricardo Serrão Santos	President of the Board
	Nicolae Panin	Treasurer/Secretary of the Board
	Slawomir Sagan	Member of the Board
	Manuel Cira	Member of the Board
Invitee	Jean-François Masset	Candidate to be Member of the Board
EurOcean Office	Telmo Carvalho	Executive-Director of the EurOcean Centre
	Cristina Costa	Office Coordinator and European Project Manager of the EurOcean Centre
	Ned Dwyer	Newly Appointed Executive-Director of the EurOcean Centre



## Annex 4. Participation in Meetings and Events in 2014

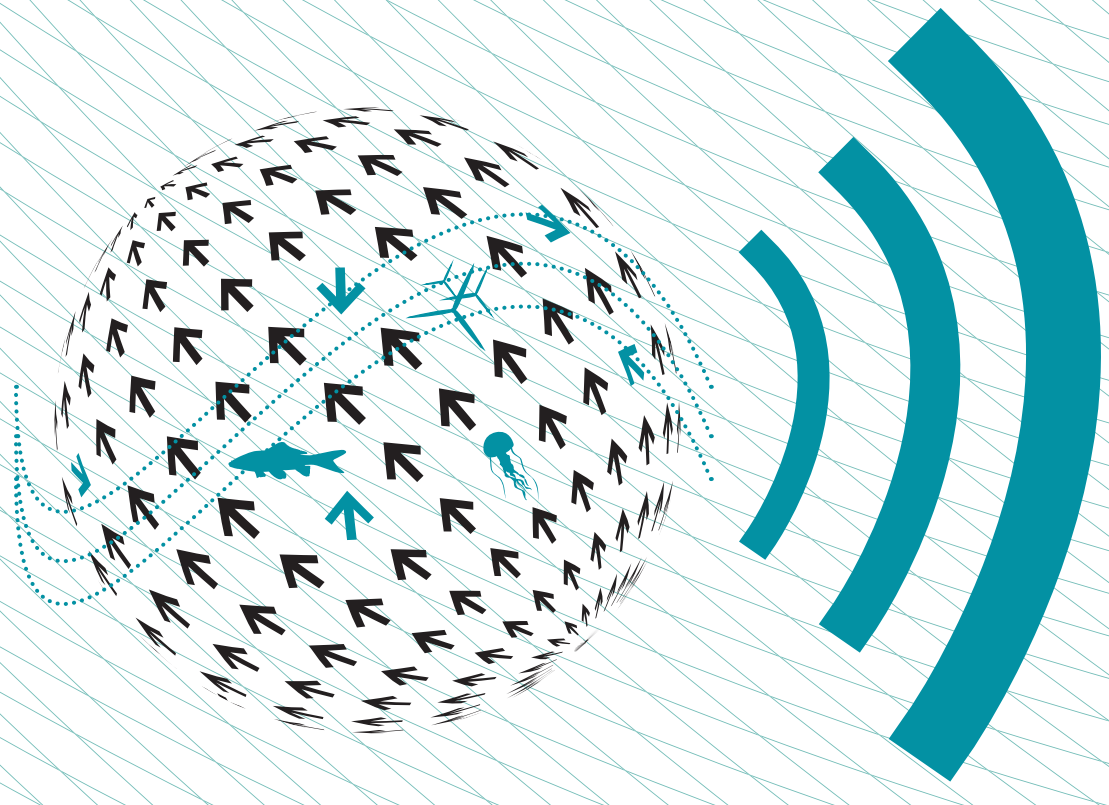
### Participation as an Invited Speaker/Panel Member

Date	Event	Speaker/Panel Member
20 May 2014	RISC-KIT 2014 European Maritime Day "Coasts and Ports at Threat" Workshop	Panel Member - Cristina Costa, Office Coordinator of the EurOcean Centre
29 May 2014	<i>Fórum do Mar 2014</i> - Atlantic Blue Tech Seminar, Oporto, Portugal	Speaker - Cristina Costa, Office Coordinator of the EurOcean Centre
29 September 2014	iMarine Final Workshop "From collaboration to market and future growth", Brussels, Belgium	Panel Member – Telmo Carvalho, Executive-Director of the EurOcean Centre

### Participation in Other Meetings and Events

Date	Event
16 January 2014	4th Edition LEME - <i>Barómetro PwC da Economia do Mar</i> , Lisbon, Portugal
29 January 2014	Ocean Cluster <i>Oceano XXI</i> , Oporto, Portugal
18 February 2014	Atlantic Platform Infoday, Brussels, Belgium
16 May 2014	FCT Representation in OECD 2nd Meeting of the Steering Group - The Future of the Ocean Economy: Exploring the prospects for emerging ocean industries to 2030, Paris, France
19 to 20 May 2014	2014 European Maritime Day, Bremen, Germany
11 to 12 June 2014	16th European Research Vessels Operators (ERVO), Barcelona, Spain
23 June 2014	Maritime Resources Unit of DG Research, Brussels, Belgium
24 to 30 July 2014	Lisbon Smart Specialization Strategy Priorities, Lisbon, Portugal
1 August 2014	Portuguese Directorate General for Maritime Policy, Lisbon, Portugal
11 September 2014	Blue Bioresources Initiative, Cascais, Portugal
7 to 15 October 2014	EurOCEAN Conference 2014, Rome, Italy
29 to 30 October 2014	7th European Global Ocean Observing System (EuroGOOS) Conference
4 to 5 December 2014	EMS 2014 Conference "Environmental Monitoring and Surveillance Challenges, Solutions and Opportunities", Oporto, Portugal





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