



# European Maritime Day

Exhibitions 2015

# Contents

- Blue Society ..... 4
- BONUS, the joint Baltic Sea research and development programme..... 4
- City of Turku and Regional Council of Southwest Finland ..... 4
- CLOSEYE Project ..... 5
- DNV GL ..... 5
- EUNETMAR and EUMOFA ..... 6
- EurOcean – the European Centre for Information on Marine Science and Technology ..... 6
- European Coastguard Functions Forum ..... 6
- European Commission – Directorate General for Maritime Affairs and Fisheries..... 7
- European Marine Board ..... 8
- European Marine Observation and Data Network (EMODnet) ..... 8
- FaBTest, the Falmouth Bay Test Site ..... 9
- FUTUREMED /Ministry of Economy, Infrastructures, Shipping and Tourism & Hellenic Institute of Transport ..... 9
- Gulbenkian Oceans Initiative..... 10
- Greenberth/ Hellenic Institute of Transport ..... 10
- Hellenic Centre for Marine Research (HCMR)..... 11
- Hellenic Marine Environment Protection Association – HELMEPA..... 12
- MARIBE consortium: Marine Investment for the Blue Economy ..... 12
- MARine Litter in Europe Seas: Social Awareness and CO-Responsibility (MARLISCO) ..... 13
- Mediterranean monitoring and Situational Sea Awareness services ..... 13
- MEDNET..... 14
- Mercator Océan ..... 14
- MONALISA 2.0 ..... 15
- Municipality of Piraeus - Blue Growth Piraeus..... 15

Municipality of Piraeus - Destination Piraeus ..... 16

OCULUS Sea and DXBC technologies..... 16

PERSEUS EU Project..... 17

Piraeus Chamber of Commerce & Industry..... 17

Piraeus Port Authority S.A..... 17

Support Team for the Atlantic Action Plan ..... 18

Surfrider Foundation Europe, Shipbreaking platform, MedSOS, Clean Shipping Index ..... 18

United Nations Environment Programme - Mediterranean Action Plan ..... 19

Waste Free Oceans..... 19

## **Blue Society**

Website: <http://seaforsociety.eu>

Event description: Blue Society is a new and ambitious vision of society founded on sustainability, well-being and equity. It is a modern economic, social and technological way of living based on the innumerable opportunities offered by the ocean for new resources, innovative experiences and positive long-term solutions to global problems. At the core of the Blue Society vision are the principles of common heritage, inter-sectorial integration, science-informed action, sustainability, outreach and engagement.

This Blue Society concept has its roots in the project Sea for Society (SFS) - an FP7 funded, Mobilization and Mutual Learning project. Both the SFS project and the resulting Blue Society campaign constitute a unique and original response to an ever-increasing need to provide sustainable management of marine ecosystem services while also taking into consideration society's need for progressive economic development.

---

## **BONUS, the joint Baltic Sea research and development programme**

Website: [www.bonusportal.org](http://www.bonusportal.org)

Event description: BONUS is a joint research and development programme producing knowledge to support development and implementation of regulations, policies and management practices specifically tailored for the Baltic Sea region. It issues calls for competitive proposals and funds currently 28 projects of high excellence and relevance based on its strategic research agenda. BONUS is considered an EU-wide pioneer in creating a macro regional governance network for research and innovation and a forerunner in implementing the Horizon 2020 programme of the European Commission. Half of the funding for the EUR 100 million programme comes from the national funding institutions around the Baltic Sea, the other half from the EU's Seventh Programme for research, technological development and demonstration.

---

## **City of Turku and Regional Council of Southwest Finland**

Website: [www.turku.fi](http://www.turku.fi)

Event description: City of Turku – maritime hub of Finland and host of EMD 2016. City of Turku will present the maritime knowhow of the South-West Finland and the whole country. Major fields of expertise are e.g. maritime industry and design as well as new business segments offshore and arctic maritime technology.

---

## **CLOSEYE Project**

Website: CLOSEYE Project

Event description: CLOSEYE comes to life with the aim of providing the EU with an operational and technical framework to increase situational awareness and improve the reaction capability of authorities surveying the external borders of the EU.

The project, led by the Spanish Guardia Civil, brings together three EU authorities with responsibilities in maritime border surveillance, namely: Guardia Civil (Spain), Guarda Nacional Republicana (Portugal) and Marina Militare Italiana (Italy). The consortium counts also with the support of a number of organizations with relevant background and expertise in the field of maritime surveillance like the Italian Space Agency (ASI), the EU Satellite Centre and ISDEFE, a Spanish public company owned by the Spanish Ministry of Defence with more than 25 years' experience in providing consultancy services to the Spanish Administration.

This project represents a change in the research and development model, being now the Users who will steer and lead the innovation process, while keeping the security industry as a strong pillar on which to build the project results. Under the frame of the CLOSEYE project, the Industry will be called to demonstrate the efficiency and effectiveness of specific solutions in order to fulfill real user demands. The assessment of the performance levels of the solutions proposed by the industry will be conducted through a series of exercises, both technical and operational, in two different scenarios. By promoting a competitive testing and assessment of the potential solutions, CLOSEYE will pave the way towards the definition of future integrated surveillance solutions from a fact-checked perspective, fully validated from those who, eventually, will face the upcoming security threats and risks.

---

## **DNV GL**

Website: [www.dnvgl.com/maritime](http://www.dnvgl.com/maritime)

Event description: Driven by its purpose of safeguarding life, property and the environment, DNV GL enables organisations to advance the safety and sustainability of their business. DNV GL provides classification and technical assurance along with software and independent expert advisory services to the maritime, oil and gas, and energy industries.

It also provides certification services to customers across a wide range of industries. Combining leading technical and operational expertise, risk methodology and in-depth industry knowledge, DNV GL empowers its customers' decisions and actions with trust and confidence. The company continuously invests in research and collaborative innovation to provide customers and society with operational and technological foresight. DNV GL, whose origins go back to 1864, operates globally in more than 100 countries with its 16,000 professionals dedicated to helping their customers make the world safer, smarter and greener.

---

## **EUNETMAR and EUMOFA**

Website: [www.cogea.it](http://www.cogea.it)

Event description: EUNETMAR is an international consortium made up of 10 companies from all across the EU for the development of studies and services to support DG MARE in Integrated Maritime Policy, Blue Growth, Marine knowledge 2020 and EMODnet. EUMOFA is an international consortium made up of 5 companies for the design and development of the European Market Observatory for Fisheries and Aquaculture, a project commissioned by DG MARE in order to increase market transparency, analyse EU markets dynamics, support business decisions and policy-making. Both consortia are led by COGEA.

---

## **EurOcean – the European Centre for Information on Marine Science and Technology**

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

Event description: EurOcean – The European Centre for Information on Marine Science and Technology, established in 2002, is an independent, scientific, non-governmental organisation whose aim is to facilitate access to marine and maritime science and technology information, and to develop tailored, value-added products from this information for the European marine and maritime stakeholder community.

EurOcean's key products include an internet portal that provides access to information-rich databases with a focus on marine research infrastructures and European research, technology and development. EurOcean contributes to various initiatives aiming to implement a marine European Research Area and European maritime policy.

EurOcean operates as a network composed of 13 cooperating member organisations from 10 countries. These members are typically the leading national marine research or funding organisations in Europe: IMR (Norway); MI (Ireland); Ifremer (France); Nausicaá (France); VLIZ (Belgium); IEO (Spain); CNR (Italy); FCT (Portugal); CESAM (Portugal); FRCT-Azores (Portugal); IOPAN (Poland); GeoEcoMar (Romania); and, IOI-International Ocean Institute (Malta).

---

## **European Coastguard Functions Forum**

Website: [www.ecgff.eu](http://www.ecgff.eu)

Event description: European Coast Guard Functions Forum - Cooperation to support maritime growth  
1. European Coast Guard Functions Forum, ECGFF

The European Coast Guard Function Forum is a central platform for initiating and implementing European co-operation in maritime security and safety. The main goal is to prepare its members, 25 Coast Guards Authorities of EU member states and Schengen Associated Countries, for responding efficiently to challenges of changing maritime security scenarios. It offers support to European

maritime law enforcement and security authorities by sharing expertise and best practises, harmonising actions and by streamlining resource spending. Working closely together and developing a common maritime safety and security approach allows for mutual benefits for all members.

## 2. European Coast Guard Functions Academy Network for European Sectorial Qualification's Framework for Coast Guarding, ECGFA NET

The main goal of the ECGFA Net project is to establish a network of academies providing training for coast guard functions in Europe and strengthen their collaboration in international education. The project as well as the network is part of the ECGFF and its activities. The network of academies contributes to the establishment of Sectorial Qualifications Framework for Coast guard functions. Within the frame of the project will be planned and designed A Coast Guard Functions Training Portal to further enhance the availability of courses for students and experts coming from European Coast Guard authorities and academies.

---

## European Commission – Directorate General for Maritime Affairs and Fisheries

Website: [http://ec.europa.eu/dgs/maritimeaffairs\\_fisheries/index\\_en.htm](http://ec.europa.eu/dgs/maritimeaffairs_fisheries/index_en.htm)

Event description: The **Directorate-General for Maritime Affairs and Fisheries (DG MARE)** is the European Commission's department responsible for the implementation of the Common Fisheries policy and of the Integrated Maritime Policy. A key policy area for DG MARE is Blue Growth, the long term strategy to support sustainable growth in the marine and maritime sectors as a whole and achieve the goals of the Europe 2020 strategy for smart, sustainable and inclusive growth.

In the stand – information will be provided on Blue Growth, EMFF, Horizon 2020, Farnet, Atlas of the seas.

On 28 May at 13.30: **EuroGOOS – "Kostas Nittis medal" award ceremony with Commissioner Vella**, European Commissioner for the Environment, Maritime Affairs and Fisheries.

*EuroGOOS is a NGO committed to European-scale operational oceanography. Recently, EuroGOOS established the Kostas Nittis Medal and grant to assist a young marine professional within Operational Oceanography.*

### **European Fisheries Areas Network - FARNET will project videos in DG MARE booth on successful funding stories within marine tourism.**

The European Fisheries Areas Network (FARNET) brings together all the fisheries areas supported by the European Fisheries Fund (EFF). It aims to assist the different stakeholders involved in the sustainable development of fisheries areas at local, regional, national and European level. The core of the network is made up of over 300 Fisheries Local Action Groups (FLAGs). These public-private partnerships set up at local level, work towards the sustainable development of their areas.

### **European Atlas of the Seas: Visitors of EMD 2015 exhibition will have the opportunity to explore the Atlas of the Seas in DG MARE booth.**

The European Atlas of the Seas is an interactive tool for professionals, students and anyone interested to learn more about Europe's seas and coasts, their environment, related human activities and

European policies. It has been developed to raise awareness of Europe's oceans and seas, in the context of the EU's integrated maritime policy.

---

## **European Marine Board**

Website: [European Marine Board](#)

Event description: European Marine Board (EMB) provides an independent platform for organizations involved in supporting, delivering and using marine research and technology to develop common positions on research priorities and strategies in Europe. EMB stakeholders include the Board's members, partner European and international networks, policymakers, strategy developers and programme managers at national and European level as well as the marine and maritime science community. EMB acts as a science-policy interface developing scientific foresight and translating it into clear policy recommendations to national agencies, governments and the European institutions. Through facilitation of expert working groups, preparation of joint statements and organizing high-level stakeholder events (e.g. EMB Open Forum and the EurOCEAN conference series), EMB contributes to forging a collective vision on the future direction of European marine science and technology for sustainable ocean management and governance.

---

## **European Marine Observation and Data Network (EMODnet)**

Website: [www.emodnet.eu](http://www.emodnet.eu)

Event description: The European Marine Observation and Data Network (EMODnet) is a network of organisations working together to address the fragmented marine data collection, storage and access in Europe with support from EU's integrated maritime policy ([www.emodnet.eu](http://www.emodnet.eu)). EMODnet aims to bring together marine data from different sources not only to improve our understanding of how the seas behave but with the aim of helping industry, public authorities and researchers find relevant data and make more effective use of them to develop new products and services.

EMODnet is currently widening the scope and geographic coverage of its data portals, increasing the resolution of the provided data layers as well as developing new tools to query and retrieve data from parameters covered by different thematic assembly groups. In addition, EMODnet sea-basin checkpoints are being established to assess the overlaps and gaps in marine data and observation infrastructure to advise Member States about the priorities for further data collection and assembly. Finally, EMODnet partners are increasingly engaging with stakeholders and users, notably from researcher and industry, to improve existing services, develop new ones and to become more user friendly and fit for purpose.

---



## **FaBTest, the Falmouth Bay Test Site**

Website: [www.FaBTest.com](http://www.FaBTest.com)

Event description: FaBTest is an award-winning, pre-consented, 2.8km<sup>2</sup> test area situated within Falmouth harbour, between three and five kilometres offshore in Falmouth Bay. This nursery facility enables device developers to test components, concepts or full scale devices in a moderate wave climate, whilst giving excellent accessibility to the device and benefitting from extensive nearby port infrastructure.

FaBTest's pre-consented status, which allows for up to three devices to be deployed concurrently, aims to provide a fast, flexible low risk and low cost solution for the testing of marine energy technologies, components, moorings and deployment procedures. At present Marie Renewable Energy and Aquaculture companies have made arrangements to deploy at the site which provides support on resource and environmental assessments.

---

## **FUTUREMED /Ministry of Economy, Infrastructures, Shipping and Tourism & Hellenic Institute of Transport**

Website: [www.yme.gr](http://www.yme.gr) / [www.hit.certh.gr](http://www.hit.certh.gr)

Event description: FUTUREMED is a European project under the MED Programme. The project aims at enhancing the competitiveness of port systems in the Mediterranean (Med) area by improving accessibility through technological and procedural innovations, and ensuring transportation sustainability. The project's scope covers three strategic sectors - freight, passengers and cruise - and is focused on the port-hinterland interface. To meet its objective, the project exploits a mixture of technological solutions (ICT), best practices guidelines and successful business/operational models tailored to the needs and special characteristics of the Med area.

During the EMD 2015 exhibition, the project will be show-casing a number of real-life pilots implemented during its course, focusing respectively in the areas of:

- Integrated port-rail visibility (Thessaloniki – Sofia/Skopje corridor)
- Port Community Systems' extension to integrate hinterland actors (Valencia – Zaragoza corridor)
- Integrated port-dryport customs corridor implementation (Civitavecchia-Interporto di Orte corridor)
- Port-city passenger infomobility (Olbia-Civitavecchia)
- Port Community Systems' implementation for facilitating passenger transportation & enhancing security (Olbia)

The project will be also presenting the two ICT platforms developed:

- the FutureMed Visibility Platform, providing port-centric intermodal chain services' visibility in the Mediterranean basin
  - the FutureMed Cruise Platform, providing an integrated view of the current state and evolution of the cruise sector in the Mediterranean.
- 

## **Gulbenkian Oceans Initiative**

Website: [www.gulbenkian.pt](http://www.gulbenkian.pt) and [www.gulbenkian.org.uk](http://www.gulbenkian.org.uk)

Event description: The Calouste Gulbenkian Foundation is one of Europe's largest private foundations. It is based in Lisbon (Portugal), and it also runs programs through its UK Branch and its Delegation in France.

Marine ecosystems are essential for human wellbeing, providing critical services such as food provisioning, livelihoods, climate regulation, and recreation. But their contribution to human welfare is rarely accounted for in decision-making. At CGF we believe that understanding more clearly the value of marine ecosystem services and communicating this more effectively to decision makers and to the general public are critical tools in securing the conservation, restoration and sustainable management of our seas.

The Gulbenkian Oceans Initiative (GOI) is a 5-year program aiming at increasing public and political understanding of the role of the marine environment in economic development and human wellbeing.

Led from Portugal, the Gulbenkian Oceans Initiative (GOI) (<http://www.gulbenkian.pt/oceanos>) is supporting scientific research on the economic valuation of marine ecosystem services, through a specific pilot study in Portugal. It is also facilitating a range of activities to increase public understanding of marine ecosystem services and promote policy action.

Led from the UK, 'Valuing the Ocean' (<http://www.gulbenkian.org.uk/our-work/valuing-the-ocean.html>) aims to increase the capacity of the environmental sector to communicate the role of the ocean in human wellbeing, culture and prosperity. It takes an experimental approach in engaging with NGOs exploring how they can make the case for positive change in the management and protection of the ocean and deploy evidence in more effective ways. It also supports a small number of initiatives which particularly meet its strategic aims and/or provide opportunities for relevant learning.

---

## **Greenberth/ Hellenic Institute of Transport**

Website: <http://hit.certh.gr/>

Event description: Aiming to respond to the increasing demand of global markets, ports have become important industrial and logistic clusters influencing to a great extent the local and territorial development. The constant growth of international trade coupled with the tendency to build mega vessels impose significant challenges to the port industry and its stakeholders who are under the increasing pressure to reduce costs and improve productivity. It also presents a major challenge to municipalities, local authorities and communities since in most port regions increasing trade volumes translates into local roadway congestion and increased environmental applications. To address these

challenges, port authorities are undertaking actions towards the sustainable development of their activities and the efficient integration of ports in the logistic chain. To this end, port-related SMEs play a vital role and port authorities should lead their evolution and integration in their strategic development plans.

Considering the aforementioned context, the GREENBERTH project (funded under the MED Programme) aims to encourage the integration of energy efficient SMEs in the strategic development plans of port operators by studying in detail the improvement opportunities of energy efficiency and the use of environmentally friendly technologies which are implemented, through the exchange of best practices and experiences, into six reference Mediterranean ports.

---

## **Hellenic Centre for Marine Research (HCMR)**

Website: [www.hcmr.gr](http://www.hcmr.gr)

Event description: The Hellenic Centre for Marine Research (HCMR) is a governmental research organization operating under the supervision of the General Secretariat for Research and Technology (GSRT) of the Ministry of Education and Religious Affairs.

HCMR comprises three research Institutes:

- the Institute of Oceanography (IO),
- the Institute of Marine Biology, Biotechnology and Aquaculture (IMBBC),
- and the Institute of Marine Biological Resources and Inland Waters (IMBRIW).

The management of HCMR is carried out via its Board of Directors, consisting of the HCMR President, the Institute Directors, an elected representative from the researchers and an elected representative for the all the other employees in the Centre. Their administrative duties are assisted by representatives of the various administrative units as shown in the HCMR Organizational Chart the maritime unit, managing the research vessels and underwater vehicles; the lawyers' office and the research financial units; the administration and documentation/outreach units and; the regional offices and stations including the two aquaria.

The missions of HCMR are (a) to study and conserve the health of the hydrosphere so that aquatic ecosystems can continue to providing their services (i.e. provisional, regulatory, aesthetic, cultural) to future generations, (b) to promote sustainable exploitation of the oceans including marine energy in the frame of blue growth and HORIZON 2020), (c) to support the regional development within the frame of national, sub-regional and regional development, (d) to protect and explore marine biodiversity via biotechnological applications, (e) to promote sustainable aquaculture (f) to sensitize the public at large on issues related to the hydrosphere and its conservation, (g) to provide advice to regional, national, Mediterranean and EU institutional bodies on environmental sustainability and management.

The purpose of HCMR is to undertake scientific and technological research, with parallel experimental development and demonstration, dissemination and application of research results. Emphasis is given to areas of study such as the protection of the hydrosphere, its organisms and interfaces with the atmosphere, the coastal zone and seabed, and the study of river and lake systems and their interactions with coastal wetlands and marine waters. Recently, HCMR objectives have included the parallel study of extreme environments and symbiotic relationships between organisms with extensive use of DNA and RNA analysis and bioinformatics. These actions, which have secured significant funding and international collaborations with biotech companies and research centres, are at the centre of HCMR's chosen priorities for new approaches, such as bioprospecting and seeking innovative products for

biotechnological and pharmaceutical applications. Additional priority is given to integrated farming with multilevel food webs (integrated multi-trophic aquaculture) towards a fuller exploitation in the aquaculture sector.

---

## **Hellenic Marine Environment Protection Association – HELMEPA**

Website: [www.helmepa.gr](http://www.helmepa.gr)

Event description: HELMEPA is a non-governmental and non-profit making organization created by Greek seafarers and ship owners in 1982 in Piraeus. It expresses the pioneering voluntary commitment of its founders to protect the marine environment from ship-generated pollution and enhance safety at sea through the information, education and motivation of all, “from ship owner to the last seafarer”. The Association’s membership to date includes 400 ocean-going vessels of all types, 200 managing companies and organizations in Greece and abroad and approximately 14,000 Greek seafarers.

HELMEPA’s Maritime Training Center for Pollution Prevention, Safety at Sea and Environmental Awareness, certified by DNV-GL, offers annual refresher training programs for member companies’ seafarers and staff, dedicated e-learning modules, technical publications and e-bulletins, among other services. Aiming at the environmental awareness of the wider society and children in particular, HELMEPA carries out activities such as annual summer public awareness campaign for Clean Seas and Beaches, the “HELMEPA Junior” and “Cadets” environmental education programs, environmental exhibitions in Athens and the periphery, voluntary beach clean-ups, children’s drawing contests, workshops, seminars and much more.

---

## **MARIBE consortium: Marine Investment for the Blue Economy**

Website: [www.maribe.eu](http://www.maribe.eu)

Event description: MARIBE (Marine Investment for the Blue Economy) is an 18 month project that is funded by the European Commission and is led by a consortium of 11 partners. MARIBE’s primary aim is to determine how best to unlock the potential of the off-shore economy in terms of sustainable growth and jobs.

This will be achieved through the overall concept of learning (from relevant successful business models and EU projects), broad consultation (with key stakeholders) and ground work preparation (for the future).

Objectives

1. To identify the most promising business models in Blue Growth including multi-use of space and the use of multi-use platforms
2. To identify key technical and non-technical challenges facing Blue Growth and to develop a Strategic Research and Innovation Agenda (SRIA) and implementation plans accordingly based in part on lifecycle learning.
3. To raise awareness and ensure increased investor participation in Blue Growth

4. To develop a pilot proposal for each of the maritime basins and secure interest in principle from investors
5. Identify all past, present and future EU calls and projects of relevance to BG, to ensure alignment and cooperation and avoid duplication and conflicts.

---

## **MARine Litter in Europe Seas: Social Awareness and CO-Responsibility (MARLISCO)**

Website: [www.marlisco.eu](http://www.marlisco.eu)

Event description: MARLISCO is a European Union's Seventh Framework Programme funded project aiming to raise public awareness, facilitate dialogue and promote co-responsibility among the different actors towards a joint vision for the sustainable management of marine litter across all European seas. MARLISCO activities take place in the four European Regional Seas: North-East Atlantic, Baltic, Mediterranean and Black Sea, by a diverse group of 20 entities (local authorities, researchers, NGOs, producers, recyclers and multimedia companies) with a wide geographic coverage.

---

## **Mediterranean monitoring and Situational Sea Awareness services**

**Centro Euro-Mediterraneo sui Cambiamenti Climatici (CMCC), Links MT S.p.A, Istituto Nazionale di Geofisica e Vulcanologia (INGV)**

Website: <http://www.sea-conditions.com/en/> , <http://www.emodnet-mediterranean.eu> , [www.cmcc.it](http://www.cmcc.it) , <http://www.linksmt.it> , <http://www.ingv.it/en/>

Event description: We present some projects, EMODnet MedSea Checkpoint, TESSA and ARGES, which are concerned with services and products for sea situational awareness and in support of Blue Growth activities (e.g. fisheries and aquaculture, sustainable shipping, renewable energy, maritime safety) for the Mediterranean Sea.

EMODnet MedSea Checkpoint, coordinated by INGV, is part of the EMODnet Checkpoint projects that aim to assess the quality, extract the synergies and identify the gaps of the present monitoring data sets for the European Seas in view of targeted applications or 'challenges'. In the case of EMODnet MedSea Checkpoint, the quality of the Mediterranean monitoring systems is evaluated on the basis of 7 end-user applications of paramount importance for: a) the blue economy sector (offshore industry, fisheries), b) marine environment variability and change (eutrophication, river inputs and ocean climate change impacts), c) emergency management (oil spills), d) preservation of natural resources and biodiversity (Marine Protected Areas). Different parameters, such as accessibility, availability, multiple-use, efficiency, reliability, time and space consistency are used for the evaluation of the current monitoring systems.

TESSA project, funded by the Italian Ministry of Education and Research and involving public and private institutions (CMCC, Links S.p.A. and IAMC-CNR), has the general objective of improving and consolidating the operational oceanography products and services specifically in the

Mediterranean Sea domain and to integrate them in technological platforms for data dissemination and decisions support for Situational Sea Awareness (SSA). In particular, services and products for weather and sea conditions, oil spills, ship routing, search and rescue and environmental quality are developed and proposed to interested stakeholders. The services are all based on SeaConditions ([www.sea-conditions.com](http://www.sea-conditions.com)), a unique integrated and single point of access to ocean and weather forecasts for the Mediterranean Sea, available both on web and mobile (dedicated iOS and Android Apps).

ARGES is funded by the ETCP “Greece-Italy” and, by involving port authorities in Italy and Greece, aims at enhancing accessibility and mobility of passengers and freight using a common transnational information system; reorganizing transport services and harmonizing information and data exchange; and supplying tools for optimizing the management and use of the “long distance” and the so-called “last mile” itineraries.

---

## **MEDNET**

Website: [www.mednetproject.eu/](http://www.mednetproject.eu/)

Event description: MEDNET is a European project, co-financed by the MED Programme, aimed at simplifying and harmonizing maritime and port procedures within the Mediterranean region and acting as an information and best practice-sharing platform. At the end of its lifetime, the project has recommended actions and measures for facilitating maritime freight exchange, speeding up logistic procedures, and reducing logistics costs.

The project has developed a significant number of pilot actions, tested in partner ports and at administrative or customs institutions in participating partner countries, which enable the identification of opportunities for simplifying and harmonizing procedures. In parallel, monitoring and data collection studies feeds information into the database “Observatory of Port Operations in the Mediterranean”, available to partners and all maritime sector stakeholders.

---

## **Mercator Océan**

Website: <http://www.mercator-ocean.fr/eng> and <http://marine.copernicus.eu/>

Event description: By making high-quality Earth observation-based data widely available, the EU Copernicus programme helps a multitude of sectors take off.

From May 2015 onwards, the Copernicus Marine Environment Monitoring Service, which implementation has been delegated to the French operator Mercator Ocean, will provide an open and free access to regular and systematic reference information on the physical state and on marine ecosystems for the global ocean and the European regional seas, at any depth, at any time: temperature, currents, salinity, sea ice extent, sea level, biogeochemical parameters.... It is designed to serve EU policies, industrial and service activities, and scientific purposes.

Come and exchange with CMEMS experts and discover also concrete use-cases in four areas of benefits: marine resources, maritime safety, marine & coastal environment and climate and seasonal forecasting.

## MONALISA 2.0

Website: [www.monalisaproject.eu](http://www.monalisaproject.eu)

Event description: MONALISA 2.0 is a European-wide maritime project ending 2015, including 39 partners from 10 countries, with a total project budget of EUR 24 million. The project's three main objectives are 1) increased safety and incident prevention, 2) minimised negative consequence when incidents do occur, and 3) creation of a new maritime information system concept for Sea Traffic Management (STM).

---

## Municipality of Piraeus - Blue Growth Piraeus

Website: [www.pireasnet.gr](http://www.pireasnet.gr)

**Event description:** Blue Growth Piraeus is the first competition of innovative entrepreneurship that aims to set the maritime economy at the forefront of sustainable economic development worldwide. This effort focuses on activity around waterfront cities and water use. The dynamic evolution of innovative business in these areas can spur sustainable economic growth while having a positive impact on local communities and the environment. Submitted ideas fall under one of the following categories: Information & Communication Technologies , Environmental Protection & Energy Conservation, Fisheries, Sustainable Maritime Tourism, Water use and Shipping & Logistics

The winners of Global Blue Growth have received a pre-seed funding sum of 5.000€, incubation services and sustainability training in order to start their business venture. They have also received access to co-working spaces as well as business incubation services developed by Aephoria.net, a pioneer sustainable-business incubation program that fosters business practices with a triple-bottom-line approach (People-Planet-Profit).

### Blue Growth Piraeus Winners

**SolBrine:** SolBrine aims at greening the desalination process, offering the supply of water and raw materials (salts, metals etc.) with no environmental cost. This will be achieved through the treatment and recycling of the wastewater effluent (brine) generated from the desalination plants. The brine recycling system has already been developed and tested in the framework of the European project SOL-BRINE. The system has been designed by the Unit of Environmental Science and Technology (UEST), which belongs to the School of Chemical Engineering of the National Technical University of Athens.

**Nostimo Salt:** Nostimo's mission is to bring to both the Greek and international markets one of the highest quality but currently underexploited Greek products – natural, unrefined sea salt. Nostimo's aim is to create a network that will support, maintain and promote the ancient and low-impact methods of salt production still used today in Greece. Through this network Nostimo will help the producers they work with reach the Greek and international market, promote the health and environmental benefits of natural and hand-harvested salt, and use the production process to raise awareness and provide education around environmental issues.



**Phee Made:** Phee company uses the dead leaves of sea grass, Posidonia Oceanica, which are washed up in huge quantities along many Greek coasts. An estimate of 20-25 tons are collected by each municipality each year and buried at “XY.TA.”, burdening municipal budgets. Posidonia Oceanica is a flowering plant which lives in dense meadows or along channels in the sands of the Mediterranean. Using a patent-pending manufacturing process PHEE is driving change in the design world having its top priority the fusion of innovative design and science for improving the build environment and human health.

---

## **Municipality of Piraeus - Destination Piraeus**

Website: [www.pireasnet.gr](http://www.pireasnet.gr)

### **Event description:**

Destination Piraeus is the innovative tourism campaign of the city of Piraeus that aims to highlight and promote Piraeus as a travel destination. It is the first time that a Municipality in Greece plans its tourism promotion, combining all the press and digital media. Destination Piraeus is characterized by its modern aesthetic and its unique "identity" that makes Piraeus a recognizable destination. All the digital media, web site, social media, apps made specifically for smartphones and tablets are being used.

The visitor may download from the App Store and Google Play the interactive applications for smartphones, walk around Piraeus and live the Piraeus Experience!. They include detailed information, photos, maps, Augmented Reality so that the visitor can engage the smartphone's camera and locate what is worth seeing around!

Piraeus iPad application is an innovative digital “magazine” with multimedia content, features amazing pictures, 360 views, videos, special effects. It is off line and designed specially for the iPad.

The applications are comprehensive and handy, reliable, user-friendly and functional. Digital city guides help the visitor get acquainted with the history, the architecture, the attractions and the secrets of Piraeus, one of the most important city-ports in Europe. The Destination Piraeus campaign includes:

1. Multi-page travel guide
  2. Free applications for smartphones - iPhone and Android
  3. Free application for iPad
  4. The web site [www.destinationpiraeus.com](http://www.destinationpiraeus.com)
- 

## **OCULUS Sea and DXBC technologies**

Website: <https://www.iit.demokritos.gr/isl/>

Event description: The Integrated Systems Laboratory (ISL) is actively involved in many areas of information technologies and telecommunications research and product development, including location-based services and multimodal journey planning, maritime and airport security, GIS, indoor localization and mobile navigation apps. ISL offers intelligent information extraction and processing capabilities, C2I Systems, multi-sensor data fusion, antenna and telecommunication networks design.



Combining informatics with humanities, ISL has developed crowd behavior modeling & simulation systems, 3D modelling and reconstruction capabilities, interactive immersive 3D navigation in virtual archaeological tour electronic guides, games and video productions. ISL has a staff of over 40 full-time researchers and developers.

---

## **PERSEUS EU Project**

Website: [www.perseus-net.eu](http://www.perseus-net.eu)

Event description: PERSEUS is an “Ocean of Tomorrow” EU research FP7 project, which assesses the dual impact of human activity and natural pressures on the Mediterranean and Black Seas by merging natural and socio-economic sciences. Through an innovative combination of natural and socio-economic science, PERSEUS aims to design an effective and resourceful research governance framework, based upon newly collected, sound scientific knowledge in order to promote better governance and help achieving the Good Environmental Status across the Southern European Seas. The project aims to assess the current environmental status of the Mediterranean and the Black Seas, in a coherent and integrated manner, fill the existing scientific knowledge gaps and then design and support an ecosystem-based approach to management, to meet the 2020 “Clean Seas” objective.

---

## **Piraeus Chamber of Commerce & Industry**

Website: [www.pcci.gr](http://www.pcci.gr)

Event description: Piraeus Chamber of Commerce & Industry believes that marine industry plays a crucial role in supporting growth and employment – key factors for a competitive and innovative economy. Within this scope, it offers vocational training to the employed in the industrial sectors, having the authority to certify, according to the international standards, professional skills. The first results are going to be presented, as well as the continuation perspectives of the new project P.C.C.I. carries out: “Vocational training, Counseling, Certification of Technical Skills of 2.500 employed and self-employed, threatened by unemployment, of the industrial sector of the wider area of Piraeus and Thriasion”.

---

## **Piraeus Port Authority S.A.**

Website: [www.olp.gr](http://www.olp.gr)

Event description: PPA S.A. is a port facilities system of large sizes: At 37 km of quay walls serves annually 40,000 arrivals-departures of ships, 18m passengers, more than 3,5 m. TEU'S (containers), 400.000 transit cars and more than 2.0 million cruise passengers.

PPA S.A. is Europe's largest passenger port, serving the maritime activity, coastal shipping, cruise, container, transport cars and ship repair. Corporate social responsibility and environmental policies are

key elements of its business, and for that reason was rewarded with the title ECOPORT by the European Sea Ports Organization (ESPO).

PPA SA historically since 1930 was founded contributed as few organizations in economic development and growth of the country. It is a listed company in the Athens Stock Exchange, its main shareholder is the government, holds leading positions in a highly competitive environment while a unique company in terms of function, since it provides services 365 days a year, 24 hours per day.

---

## **Support Team for the Atlantic Action Plan**

Website: [www.atlanticstrategy.eu](http://www.atlanticstrategy.eu)

Event description: The European Commission launched in 2011 the strategy for the Atlantic sea basin with the aim to identify key investment and research priorities along the EU's Atlantic seaboard that will be needed in order to help both mature and emerging sectors in the marine and maritime economy to flourish.

The Support team was set by the European Commission in August 2014 as an operational tool to promote the Atlantic Strategy. Through its online platform and country-experts it informs about relevant developments, events and initiatives on blue economy, with a specific focus on the Atlantic area. The Support team also helps interested stakeholders match EU and national financial opportunities with their project ideas to implement the Action Plan.

The Support team for the Atlantic Action Plan cooperates closely with the Member States and other delegates of the Atlantic Strategy Group, who provide institutional guidance to the process.

---

## **Surfrider Foundation Europe, Shipbreaking platform, MedSOS, Clean Shipping Index**

Website: [www.surfrider.eu](http://www.surfrider.eu) [www.shipbreakingplatform.org](http://www.shipbreakingplatform.org) [www.medsos.gr](http://www.medsos.gr)  
[www.cleanshippingindex.com](http://www.cleanshippingindex.com)

Event description: The Clean Shipping Index, MedSOS, the Shipbreaking platform and Surfrider Foundation Europe will invite visitors to discover and get informed on solutions for the shipping sector to move towards a fully sustainable and responsible shipping. The solutions proposed range from options to ensure a greater maritime safety and reduce air and water pollutions from ships caused by oil discharges, the loss of containers at sea and emissions, to solutions to ensure a safe and environmentally sound dismantling of vessels. The booth will display material and recommendations explaining potential adverse impacts of shipping on the marine environment and help all participants navigate towards clean, safe, responsible shipping and sustainable development and growth of the sector.

---

# United Nations Environment Programme - Mediterranean Action Plan

Website: [www.unepmap.org](http://www.unepmap.org)

Event description: Since 1975, the Mediterranean Action Plan (MAP) is the institutional framework for cooperation among 21 countries bordering the Mediterranean Sea plus the European Union, in addressing common challenges of environmental degradation and in protecting the marine and coastal environment while promoting Sustainable Development in the Mediterranean.

The MAP provided the basis for the development of the Convention for the Protection of the Marine Environment and the Coastal Region of the Mediterranean (Barcelona Convention) and seven protocols addressing specific aspects of environmental Protection in the Mediterranean.

The United Nations Environment Programme (UNEP), through its MAP Coordinating Unit hosted by Greece, provides Secretariat services to the Contracting Parties, assists the countries in the implementation of the Barcelona Convention and its Protocols, and coordinates the formulation of strategies, programmes, and other initiatives within the framework of the MAP.

The MAP's activities include close cooperation with various U.N. entities and other Inter-Governmental Organizations as well as civil society and Non-Governmental Organizations that are active in the field of environmental Protection and Sustainable Development.

---

## Waste Free Oceans

Website: [www.wastefreeoceans.eu](http://www.wastefreeoceans.eu)

Event description: The Waste Free Oceans foundation (WFO) was set up in 2011 with the support of former Commissioner Maria Damanaki and former Danish MEP Anna Rosbach to encourage fishermen and the plastics industry to work together on reducing marine litter. Today, WFO's Champion is Chair of the European Parliament's Committee of Fisheries, MEP Mr. Alain Cadec. WFO promotes active fishing for litter, passive fishing for litter and ghost net retrieval by fishermen with the help of WFO's trawl technology. Collected litter is recycled and reused – closing the loop in a sustainable and green way. WFO collaborates on worldwide actions and believes that only by joining forces in cleanup operations and on awareness raising campaigns can we succeed in the fight against marine litter.