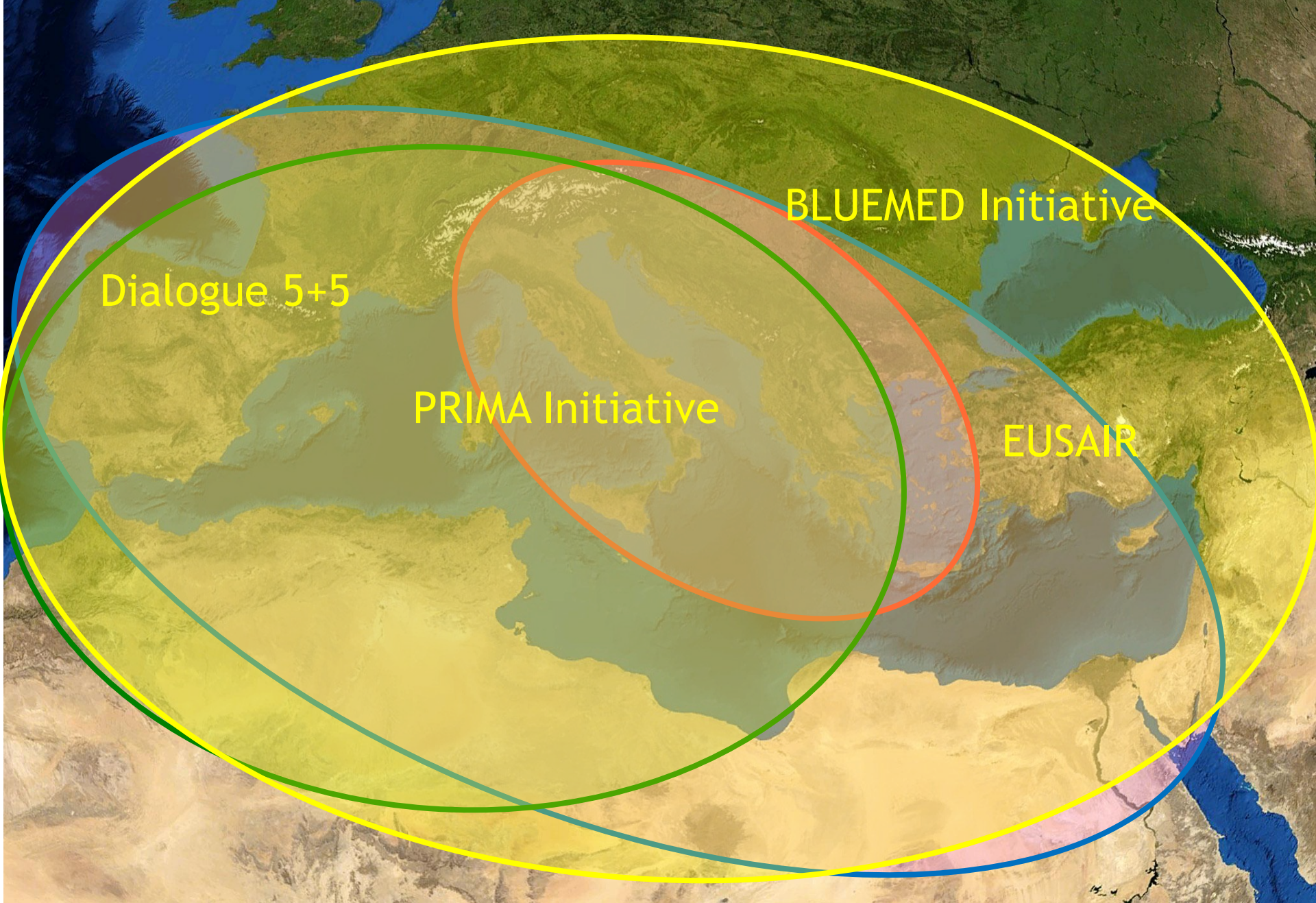


Western Mediterranean Forum (Euro Mediterranean Dialogue 5+5)



RESEARCH, INNOVATION AND HIGHER EDUCATION



The BLUEMED initiative

The BLUEMED Initiative fosters integration of knowledge and efforts of EU member states of the Mediterranean Basin to jointly create new 'blue' jobs and a sustainable industrial growth in the marine and maritime sectors of the area.

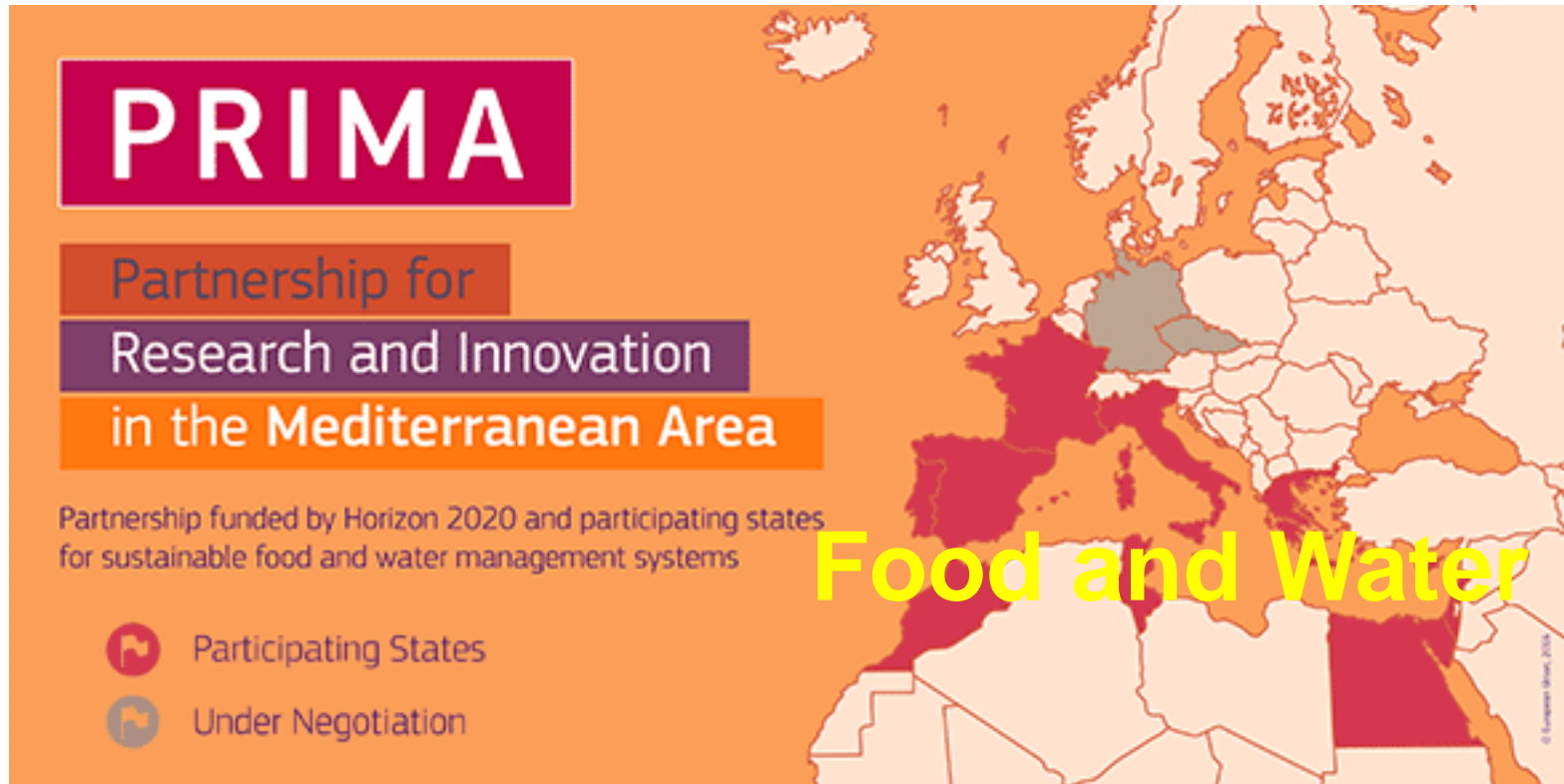


Bluemed
Research and innovation initiative
for blue jobs and growth in the Mediterranean area

Strategic research and innovation agenda



PRIMA initiative



PRIMA

Partnership for
Research and Innovation
in the Mediterranean Area

Partnership funded by Horizon 2020 and participating states
for sustainable food and water management systems

Food and Water

Participating States
Under Negotiation

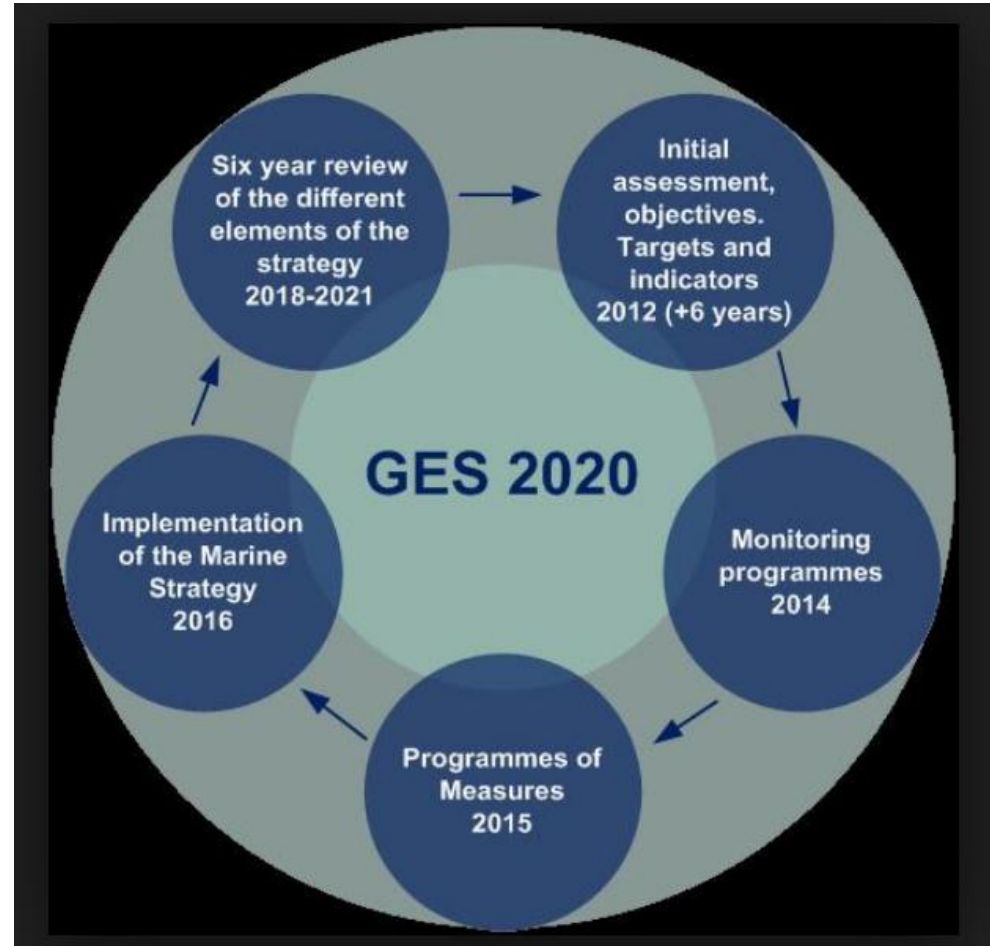
The image shows a map of the Mediterranean region with countries shaded in different colors. Dark red indicates participating states, and light orange indicates countries under negotiation. The text 'PRIMA' is in a dark red box, and 'Partnership for Research and Innovation in the Mediterranean Area' is in a dark purple box. The text 'Food and Water' is in large yellow letters. The text 'Partnership funded by Horizon 2020 and participating states for sustainable food and water management systems' is in a smaller font. The text 'Participating States' and 'Under Negotiation' are accompanied by small circular icons with the PRIMA logo.

EUSAIR

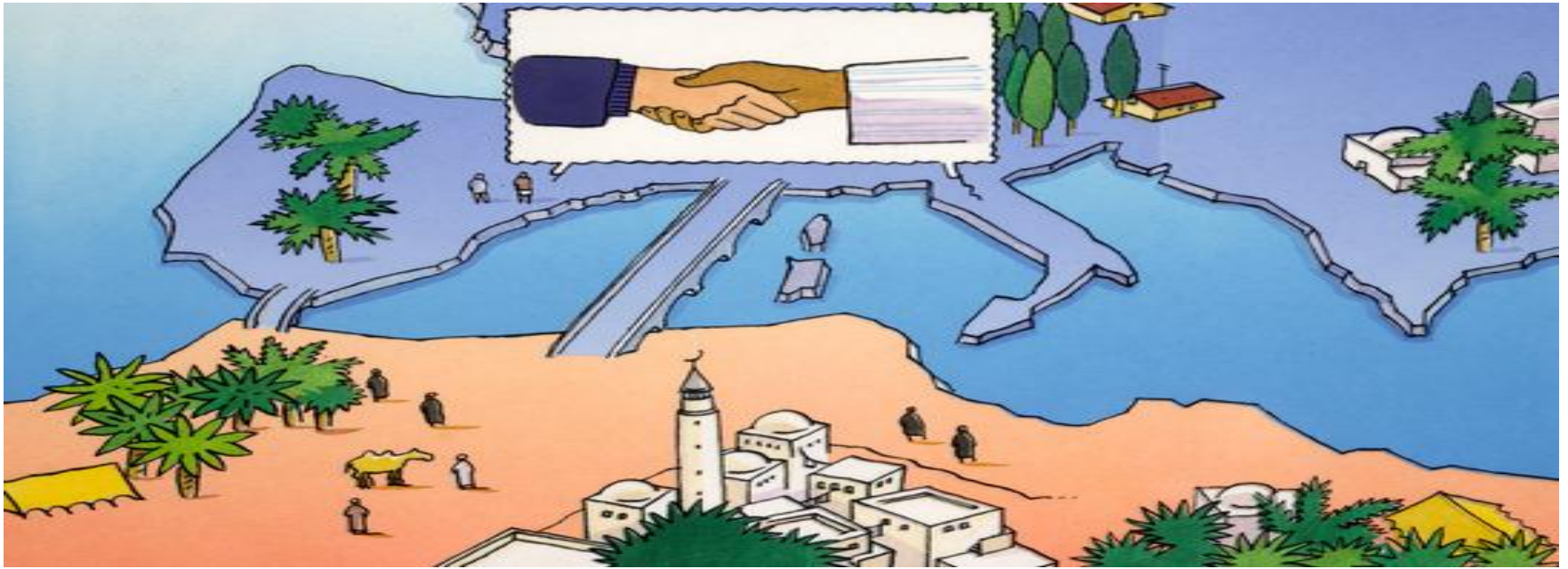


EU coastal and marine Policy and Law

The state of local implementation of environmental policies and legislation, and level of similarity to EU environmental policies (e.g. Water Framework Directive, Marine Strategy Framework Directive, Maritime Spatial Planning)



Dialogue 5+5



The Western Mediterranean Forum (5+5 Dialogue) is an informal political dialogue that brings together ten Western Mediterranean countries: Algeria, France, Italy, Libya, Malta, Mauritania, Morocco, Portugal, Spain and Tunisia. Its aim is to reinforce and enrich the political, economic and cultural dialogue between the two shores of the Mediterranean.



✧ 1st Meeting: Rabat, 19-20 September 2013

✧ 2nd meeting: Madrid, 23-24 March 2015

✧ 3rd meeting: Tunis, 30-31 March 2017





Najat Belkacem

@najatvb

Segui



À Tunis pour la réunion du dialogue 5+5 @sup_recherche et innovation et la signature de la déclaration ministérielle commune #Coopération



Carlos Moedas

@Moedas

Segui



Ravi d'être en 🇹🇷 pour la réunion ministérielle 5+5 #UEMed. #H2020 est ouvert au monde. #PRIMA_EU en est l'exemple parfait. #Opentotheworld



Tunis Declaration, 31 March 2017

As a Transnational initiative, the “raison d'être” of the Dialogue 5+5 is **to ensure closer cooperation between the five EU Member States and the five Arab Maghreb Countries** through political dialogue and cooperation and by encouraging more effective resource management as a means of strengthening interdependence and regional development.

To **stimulate growth and employment**, the Dialogue 5+5 Countries should deploy more efforts **to promote entrepreneurship**, a powerful engine of shared prosperity. In fact, the creation and growth of enterprises promotes employment and development of new skills, reinforces innovation and increases market potentials.



Many Countries are engaged in processes of reforming their political, economic and social systems to stimulate investment, to encourage initiative and to foster strong economic partnerships that are essential throughout the Western Mediterranean region. Dialogue 5+5 Countries need to revitalize their economies to promote smart, sustainable and inclusive growth for the purpose of developing disadvantaged regions and **enhancing job creation** in line with international labour standards.

Research, innovation and higher education play a key role in job creation. There is a need for solid framework of cooperation and conducive synergies among the ten Countries. Confronted with several challenges, the Dialogue 5+5 Countries are invited to deepen their partnership to further stimulate economic growth and social stability.





Aiming at fostering:

- ✧ the synergies between higher education, research and innovation programmes in the Western Mediterranean Area;
- ✧ the role that higher education, research and innovation in growth improvement and job creation of the Western Mediterranean Area.



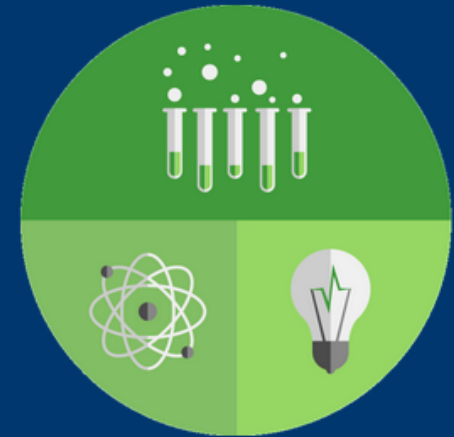
The identification of specific instrumental action lines



Networking



Higher Education



Research and Innovation





Actions for networking:

A1: Setting-up of an instrument for networking

A2: Strengthening the potential of the Dialogue 5+5 Member Countries to compete for available funding mechanisms (H2020 and other funding instruments)





Actions for research and innovation

A3: **Entrepreneurship**

A4: **Access to infrastructures**

A5: Technology transfer

A6: Program for Improving Intellectual Property Management Capacity in Dialogue 5+5 Member Countries

A7. Development and implementation of open innovation and smart specialization strategies in the Dialogue 5+5 Member Countries

A8. Strengthening the institutional capacity of research structure





Actions for Higher Education

A9: Creation of a Network of Higher Education Institutions within the Dialogue 5+5

A10. Quality assurance and accreditation

A11. Governance

A12. Fostering mobility and joint research programmes

A13. Building capacities and developing skills on blue economy





OGS represents Italy in the Western Mediterranean Forum (Euro Mediterranean Dialogue 5+5)



Western Mediterranean Forum (Dialogue 5 +5), Barcelona, 28-29 January 2015;

Western Mediterranean Forum (Dialogue 5 +5), Rabat, 27-28 February 2014.



A sub-regional forum for dialogue between Western Mediterranean countries and a ‘space’ for research and innovation to promote cooperation in science, technology and higher education.

The Maghreb countries involved are Algeria, Libya, Mauritania, Morocco and Tunisia, and the European nations are France, Italy, Malta, Portugal and Spain..





Madrid, 24 March 2015. A high-level delegation of the UfM Secretariat headed by the Secretary General Fathallah Sijilmassi participated in the 2nd Dialogue 5+5 Ministerial Conference on Research, Innovation and Higher Education conveyed by Spain on 23-24 March 2015 in Madrid.





5+5 Dialogue

5+5 Dialogue

II Ministerial Conference on Higher Education
Madrid, 23-24 October 2018





Ministero



Istruzione



Università



Ricerca

Ufficio Stampa

Roma, 23 marzo 2015

Ricerca, Giannini oggi e domani a Madrid per conferenza Ministri del Dialogo euro-Mediterraneo 5+5

Il Ministro dell'Istruzione, dell'Università e della Ricerca Stefania Giannini oggi e domani sarà a Madrid per l'incontro dei Ministri del Dialogo euro-Mediterraneo 5+5 sui temi della Ricerca e dell'Innovazione.

I paesi coinvolti sono Italia, Francia, Spagna, Portogallo, Malta, Algeria, Tunisia, Marocco, Libia e Mauritania.

La riunione sarà dedicata alle sinergie nel campo della ricerca, dell'alta formazione e dell'innovazione (il cosiddetto triangolo della conoscenza) nell'area del Mediterraneo. Sono previste la firma di una Dichiarazione comune e l'approvazione di un Programma di lavoro per il 2015-2016. L'Italia contribuirà al Programma con scuole di formazione su Blue growth (organizzata dall'Istituto Nazionale di Oceanografia e di Geofisica Sperimentale - Ogs - di Trieste) e sostenibilità agroalimentare (organizzata dall'Università di Siena).

Inoltre, l'Italia coordinerà due "Cost Action" europee per favorire il networking nel settore Scienza e Innovazione e un progetto nel settore della prevenzione e gestione dei rischi sismici nel Mediterraneo.

Il Ministro incontrerà a Madrid, durante la sua visita, accademici, ricercatori e studenti italiani.

← Indietro

↑ Torna su

“Italy will contribute to the program with training schools on Blue Growth (organized by the National Institute of Oceanography and Experimental Geophysics - OGS - Trieste)” *Minister Giannini*

Comunicati 2016

- Maggio
- Aprile
- Marzo
- Febbraio
- Gennaio

- Anno 2015 ↓
- Anno 2014 ↓
- Anno 2013 ↓
- Anno 2012 ↓
- Anno 2011 ↓
- Anno 2010 ↓
- Anno 2009 ↓
- Anno 2008 ↓

Comunicati precedenti al 21/05/2008





Sustainable Blue Growth Initiative for the Mediterranean Region



Blue Growth = Value + Jobs + Sustainability



MINISTERO DELL'ISTRUZIONE,
DELL'UNIVERSITÀ E DELLA RICERCA

Programma Nazionale per la Ricerca



Aerospazio



Agrifood



Cultural Heritage



Blue growth



Chimica verde



Design, creatività e Made in Italy



Energia



Fabbrica intelligente



Mobilità sostenibile



Salute



Smart, Secure and Inclusive Communities



Tecnologie per gli Ambienti di Vita

12 aree di specializzazione

Offerta di competenze

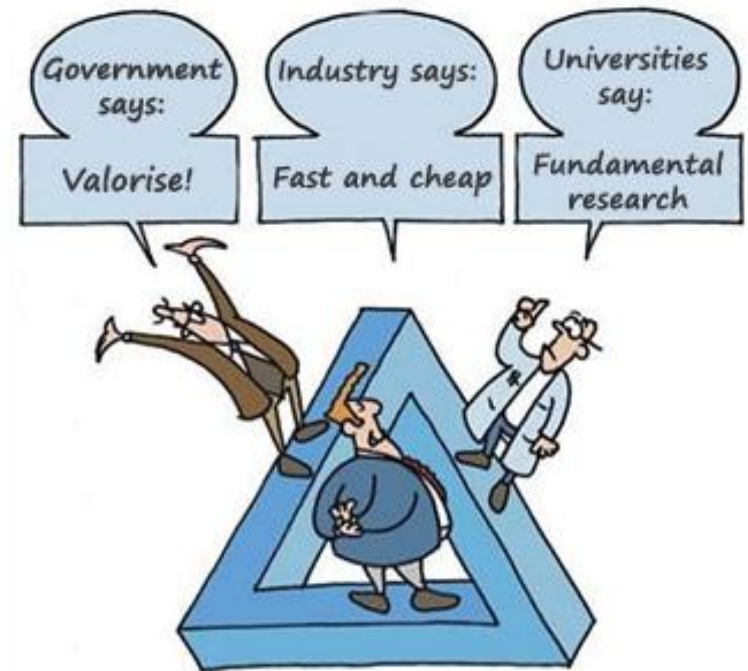


| Type of activity | Ocean service | Established industries | Emerging industries | New industries | Drivers of future growth |
|---|-----------------------------------|----------------------------------|---|--|--|
| Harvesting of living resources | Seafood | Fisheries | Sustainable fisheries | | Food security |
| | | | Aquaculture | Multi-species aquaculture | Demand for protein |
| | Marine bio-technology | | Pharmaceuticals, chemicals | | R&D in healthcare and industry |
| Extraction of non-living resources, generation of new resources | Minerals | Seabed mining | | | Demand for minerals |
| | | | Deep seabed mining | | |
| | Energy | Oil and gas | | | Demand for alternative energy sources |
| | Fresh water | | Desalination | | Freshwater shortages |
| Commerce and trade in and around the ocean | Transport and trade | Shipping | | | Growth in seaborne trade |
| | | Port infrastructure and services | | | International regulations |
| | Tourism and recreation | Tourism | | | Growth of global tourism |
| | | Coastal development | | | Coastal urbanisation |
| | | | Eco-tourism | | Domestic regulations |
| Response to ocean health challenges | Ocean monitoring and surveillance | | Technology and R&D | | R&D in ocean technologies |
| | Carbon sequestration | | Blue carbon (i.e. coastal vegetated habitats) | | Growth in coastal and ocean protection and conservation activities |
| | Coastal protection | | Habitat protection, restoration | | |
| | Waste disposal | | | Assimilation of nutrients, solid waste | |

Activities that can contribute to restoring ocean health



- ✧ A platform for the **development of skills** and the **valorisation of scientific knowledge in the field of Blue Economy** for the benefit of Mediterranean countries;
- ✧ A contribution of Italy to the Western Mediterranean Dialogue (Dialogue 5+5).



Curriculum development based on the occupational needs

Job dissatisfaction despite low occupation opportunities is an indicator to fair **job matching**.

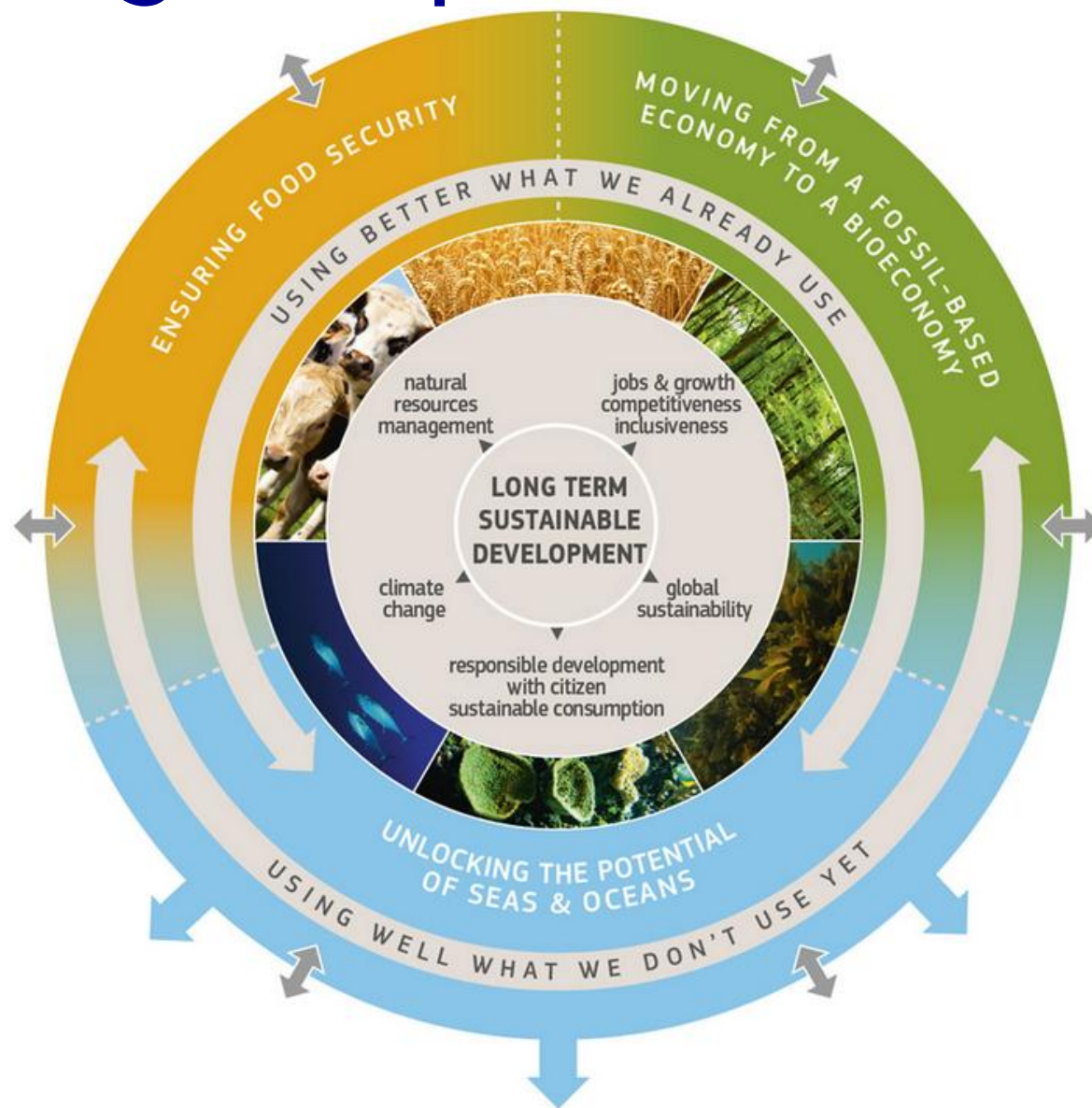
Creation of **new job profiles** that can be bankable.



- ✧ OGS Initiative on Blue Growth is highly recommended by the Dialogue 5+5 member countries.
- ✧ Coordinated by Italy (OGS) to support research, higher education, innovation and international mobility for sustainable growth in the marine and maritime sectors with the objective **to promote jobs' creation and the increase of products and services** in the blue economy.



The green part of the blue





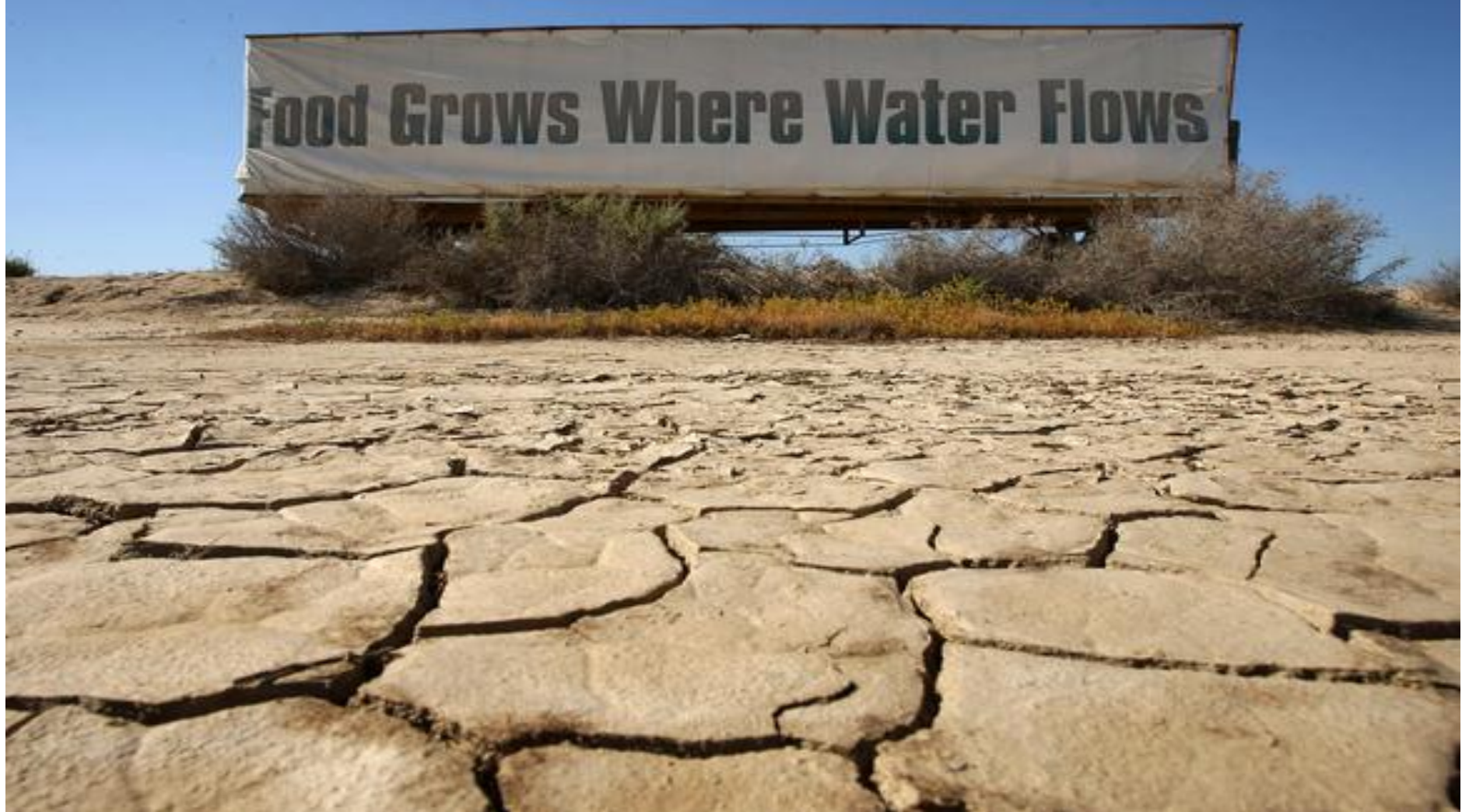


Water is life... but water is also death





Food Grows Where Water Flows



Tornado



Flood



Tsunami



Planned activities

✧ 1) **Summer School** in Trieste (Summer School on Sustainable Blue Growth)

This is an advanced training initiative, organized in Trieste with annual recurrence, with regard to the blue economy, addressed to researchers, innovators, scientists, and managers of institutions, universities and research centres of the Mediterranean and Black Sea countries: Albania, Algeria, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Egypt, France, Jordan, Greece, Israel, Italy, Lebanon, Macedonia, Malta, Morocco, Mauritania, Montenegro, Palestine, Portugal, Romania, Serbia, Slovenia, Spain, Tunisia, Turkey and Ukraine.



Trieste, 14-18 July 2014



ORGANIZED BY



Robert Bosch **Stiftung**

IN COLLABORATION WITH



UNDER THE PATRONAGE OF



THANKS TO A GRANT OF FONDO TRIESTE

OGS
Istituto Nazionale di Oceanografia
e di Geofisica Sperimentale

Borgo Grobba Gigante 42/C
34010 Sgonico (TS)
Tel. +39 040 21401
Fax +39 040 327307
mailto:mailbox@ogs.trieste.it
www.ogs.trieste.it



Istituto Nazionale di Oceanografia
e di Geofisica Sperimentale

Summer School on

Sustainable Blue Growth in South East Europe

**14-18
July 2014**

VENUE: *Kastler Lecture Hall,
Adriatico Guesthouse (AGH)
Building, ICTP Campus
Via Grignano, 9, 34151 Trieste*



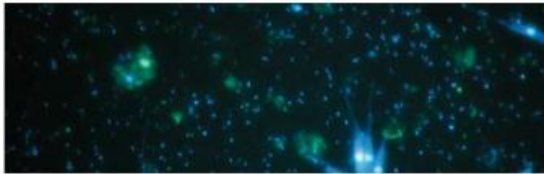
Topics



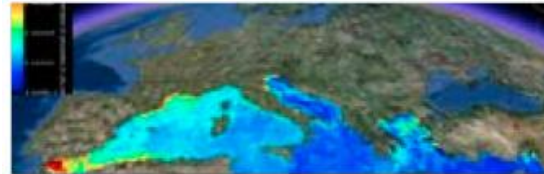
Fishing and aquaculture



Marine knowledge



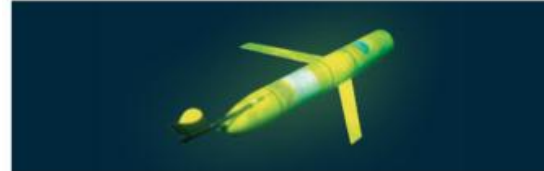
Marine biotechnology



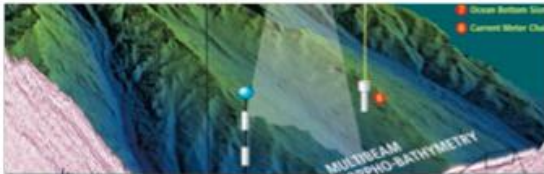
Maritime spatial planning



Coastal and maritime tourism



Integrated maritime surveillance



Sea-bed mining



Sea basin strategies



Ocean energy

Trieste, 20-24 July 2015





Istituto Nazionale
di Oceanografia e di Geofisica Sperimentale

Advanced Training School on Sustainable Blue Growth in Mediterranean and Black Sea countries

20-24 July 2015

Kastler Lecture Hall

Adriatico Guest House, the Abdus Salam

International Centre for Theoretical Physics (ICTP)

Via Grignano n. 9, Trieste



Istituto Nazionale
di Oceanografia e di Geofisica Sperimentale
Borgo Grotta Gigante 42 /C - 34010 Sgonico (TS)
Tel. +39 040 21401 - Fax +39 040 327307



The Abdus Salam
International Centre
for Theoretical Physics



UNIVERSITÀ
DEGLI STUDI DI TRIESTE



UNIVERSITÀ
DEGLI STUDI
DI UDINE



REGIONE AUTONOMA
FRIULI VENEZIA GIULIA



*In the context
of the BLUEMED Initiative*

Contacts: summerschool.inogs.it - ricerca@ogs.trieste.it

Trieste, 4-8 July 2016



Sustainable Blue Growth in Mediterranean and Black Sea countries

Building capacities and developing skills in the marine and maritime sectors

Dates: 4-8 July 2016

Venue: Adriatico Guest House, the Abdus Salam International Centre for Theoretical Physics (ICTP), Via Grignano n. 9, TRIESTE

Taking into consideration the current economic crisis and the evolving political, social and environmental conditions in the Mediterranean Region, there is a need to put together multidisciplinary actors from different countries, make ideal environment for constructive dialogue (science diplomacy) and create all conditions that include the role of people, economics and policies to attract investments while reconciling tensions and balancing priorities between economical growth, social implication and environmental conservation.



Tackling climate change, understanding ecosystem function, managing sustainability: all of these require a much more tangible initiatives and strategies. Hence, the EU Blue Growth initiative represents a long-term strategy to support growth in the maritime sector as a whole by harnessing the untapped potential of Europe's oceans, seas and coasts for jobs creation and economic growth. Establishing appropriate training and mobility opportunities to train new generation of scientists, technicians and operators, in the marine and maritime sectors, equipped with appropriate skills to bridge the gap between scientific research and sustainable development and support the creation of career opportunities in the blue economy represents an important part of this strategy.

UNIQUE OPPORTUNITY



In this context, OGS, the Italian National Institute of Oceanography and Applied Geophysics, in collaboration with other partner-institutions is organizing an advanced training school in Trieste for researchers, scientists and managers from the Mediterranean and Black sea Countries.

OGS intends to support the creation of stable and attractive career pathways and highly skilled talents that will be needed to support expanding marine and maritime sectors.

The focus of the training school is on strengthening professional skills and enhancing competencies in fields related to the blue economy.

Specific objectives

- to increase the professional skills and the quality of research in the field of marine sciences, climate related aspects, environmental protection and integrated management of coastal areas;
- to increase the educational offer to extend the current economic development and growth, with particular focus on activities and aspects related to the sea;
- to identify actions, partnerships and financing instruments that can help scale up activities that ultimately result in sharing research outcomes and disseminating scientific knowledge.



Target beneficiaries

The School will be addressed to scientists, researchers, post-doctoral fellows and Ph.D. students dealing with aspects related to oceanography (physics, chemistry and biology), marine biology, geology, geophysics, geochemistry, environmental engineering, ecological modelling, climate study, coastal zone management and other related fields. Project managers, economists and policy-makers are also eligible to participate. However, applicants should be able to demonstrate their ability particularly to assimilate new concepts related to Blue Growth particularly aspects related to economic growth, environmental protection and societal challenges. A high level scientific committee will follow a well defined selection criteria and only motivated and qualified candidates will be selected.

Only 2 candidates per each eligible country will be selected and granted fellowships. Additional candidates supported by their institutions might be considered if they ensure supporting their own costs. Highly qualified professors will be invited to lecturing and tutoring during the School.

Target countries

Eligible participants are coming from the Mediterranean and Black Sea countries (Albania, Algeria, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Egypt, France, Greece, Israel, Italy, Jordan, Macedonia, Malta, Mauritania, Morocco, Montenegro, Lebanon, Libya, Palestine, Portugal, Romania, Serbia, Slovenia, Spain, Tunisia, Turkey and Ukraine).



Topics

- ✧ Fostering innovation in the Blue Economy: creating value from innovation
- ✧ Climate change, governance and adaptation
- ✧ From observing systems to products and services for science and society: marine knowledge from observation and collection of marine and coastal data to information, products and services for intermediate and end-users
- ✧ Future of offshore hydrocarbon exploration
- ✧ New threats for the marine environment: microplastics, munitions in the sea, oil spills hazards, etc.

Trieste, 10-19 July 2017

Sustainable Blue Growth in Mediterranean and Black Sea countries

Building capacities and developing skills in the marine and maritime sectors

Dates: 10-19 July 2017

Venue: Adriatico Guest House, the Abdus Salam International Centre for Theoretical Physics (ICTP), Via Grignano n. 9, TRIESTE

Taking into consideration the current economic crisis and the evolving political, social and environmental conditions in the Mediterranean Region, there is a need to put together multidisciplinary actors from different countries, make ideal environment for constructive dialogue (science diplomacy) and create all conditions that include the role of people, economics and policies to attract investments while reconciling tensions and balancing priorities between economical growth, social implication and environmental conservation.



Target countries

Eligible participants are coming from the Mediterranean and Black Sea countries (Albania, Algeria, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Egypt, France, Greece, Israel, Italy, Jordan, Macedonia, Malta, Mauritania, Morocco, Montenegro, Lebanon, Libya, Palestine, Portugal, Romania, Serbia, Slovenia, Spain, Tunisia, Turkey and Ukraine).

Registration

No registration fees are required.

OGS particularly encourages qualified women to apply to our summer school. Candidates supported by their own Institution through a support letter will be taken in particular consideration. Selected candidates will be granted fellowships covering their expenses for travel and accommodation. Candidates not requesting fellowships will be also evaluated for admission and invited to participate in case of successful application while demonstrating their ability to cover their own expenses. [Apply here](#)

Deadline for applications

Applications must be sent before **Monday May 1, 2017 at 17:00**. [Apply here](#)

Scientific Committee:

Abdelhamid El Zoheiry, President, EMUNI (Euro-Mediterranean University), Portorož, Slovenia

Carlo Carraro, President Emeritus, Università Ca' Foscari Venezia, Vice Chair, IPCC Working Group III, Full Professor of Environmental Economics and Econometrics, Director, International Center for Climate Governance, Venice, Italy

Slim Choura, Professor of Mechanical Engineering, Director General of International Cooperation, Ministry of Higher Education and Scientific Research, Tunisia

David Cox, Programme manager, Joint programming Initiative Healthy and Productive Seas and Oceans (JPI Oceans)



*Within the framework of the
Euro-Mediterranean Forum Dialogue 5+5*



Advanced Summer School in Sustainable Blue Growth: enhancing capacities and developing skills in the marine and maritime sectors

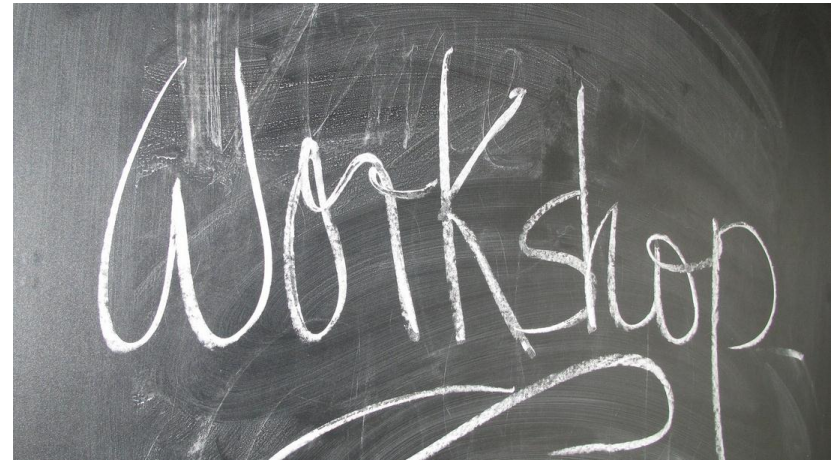
4M_s:

Marine, **M**aritime and **M**igration in the **M**editerranean



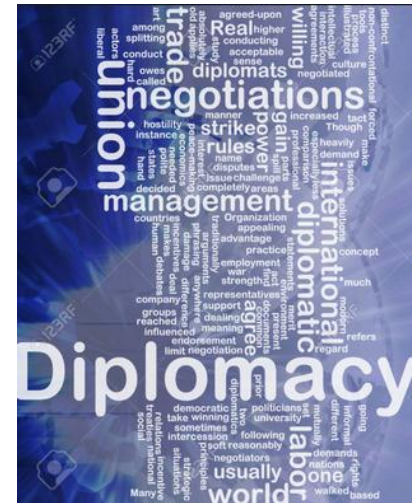
2) International **Workshop Series**

✧ The workshops are sharing platforms of scientific and technological knowledge including also industrial know-how addressed to researchers, scientists and specialists in research and development, production and control of environmental quality and specific topics as safety and security at the sea, etc.



3) Master's Degree

- ❖ Increase the professional skills and the quality of research in the marine and maritime sectors, thus contributing to the creation of new professional profiles and more chances for job opportunities;
- ❖ Increase the provision of training to expand the current economic development and growth, with particular attention to the activities and aspects related to the importance of the sea (including security and safety at sea);
- ❖ Promoting those activities that are eventually leading to share the results of research and dissemination of scientific knowledge;
- ❖ Expose students to cross cutting issues such as financing tools and management of projects in the field of blue growth;
- ❖ Introducing innovative themes such as **science diplomacy**, to facilitate dialogue between countries and facilitate mobility and access to research infrastructures.



Structure of the Master

❖ It is a part-time program lasting 12 months (including a series of short courses spread over the duration of the Master). This teaching method may go well with the work requirement, and is focused on three pillars: capacity building, skills development and science diplomacy.

❖ Lectures are planned and will be enriched with materials available on the online platform, and visits to leading companies, such as the blue technological innovation.

❖ The master will end with the preparation of a work project after an internship at a company.



Master in Sustainable Blue Growth

A UNIQUE OPPORTUNITY

Taking into consideration the current economic crisis and the evolving political, social and environmental conditions in the Mediterranean Region, there is a need to put together multidisciplinary actors from different countries, make ideal environment for constructive dialogue (science diplomacy) and create all conditions that include the role of people, economics and policies to attract investments while reconciling tensions and balancing priorities between economical growth, social implication and environmental conservation.

Tackling climate change, understanding ecosystem function, managing sustainability: all of these require a much more tangible initiatives and strategies. Hence, the EU Blue Growth initiative represents a long-term strategy to support growth in the maritime sector as a whole by harnessing the untapped potential of Europe's oceans, seas and coasts for blue jobs creation and economic growth. Establishing appropriate training and mobility opportunities to train new generation of scientists, technicians and operators, in the marine and maritime sectors, equipped with appropriate skills to bridge the gap between scientific research and sustainable development and support the creation of career opportunities in the blue economy represents an important part of this strategy.

The Master

The **Master in Sustainable Blue Growth** is established to bring scientific excellence and technological innovation at the centre of a number of Blue Growth initiatives.

Within the framework of the Western Mediterranean Forum (Dialogue 3+3) and in support of the BLUEMED initiative and the EU strategy for Blue Growth, the Italian National Institute of Oceanography and Experimental Geophysics (OGS), in collaboration with other partner-institutions i.e. Central European Initiative (CEI), the Abdus Salam International Centre for Theoretical Physics (ICTP), The World Academy of Science (TWAS), Euro-Mediterranean University (EMUNI), University of Trieste, etc., is organizing a Master in Sustainable Blue Growth for researchers, scientists and managers from the Mediterranean and Black sea Countries.

OGS intends to support the creation of stable and attractive blue career pathways and highly skilled talents that will be needed to support expanding marine and maritime sectors. The focus of the Master is on strengthening professional skills and enhancing competencies in fields related to sustainable blue growth with valorisation of needs of priorities of target countries.

Specific objectives

- to increase the professional skills and the quality of research in the marine and maritime sector, thus contributing to the creation of new job profiles and more chances for **blue jobs' opportunities**;
- to increase the educational offer to extend the current economic development and growth, with particular focus on activities and aspects related to the **importance of the sea** (including security and safety in the sea);
- to help scale up activities that ultimately result in **sharing research outcomes and disseminating scientific knowledge**;
- to expose students to **cross-cutting aspects** such as financing instruments and project management in the field of blue growth;
- to introduce innovative topics such as **science diplomacy** to ease the dialogue between countries and facilitate mobility and access to research infrastructures.

Structure of the Master

It is a part-time programme lasting 12 months (a number of short courses distributed on the whole duration of the Master), that can fit with work commitment, and it is focused on three pillars: capacity building, skill development and science diplomacy. Traditional lectures are envisaged and will be enriched with specific feature materials on the **online platform**, with hands-on **workshops/seminars** and **visits to leading companies**, as for blue technology innovation. The master's course ends with the drafting of a **project work**.

KEY FACTS

Format: Part-time, distributed short courses during the total duration of the course.

Duration: 12 months

Language: English

Priority area: Mediterranean and Black Sea Countries

Target countries: Albania, Algeria, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Egypt, France, Greece, Israel, Italy, Jordan, Macedonia, Malta, Mauritania, Morocco, Montenegro, Lebanon, Libya, Palestine, Portugal, Romania, Serbia, Slovenia, Spain, Tunisia, Turkey and Ukraine.

Participants: 20-30 (preferably 28 participants i.e. 1 participant from each target country).

Average age: 35 years

Fields of studies of participants: Oceanography (physics, chemistry and biology), marine biology, geology, geophysics, geochemistry, environmental engineering, ecological modelling, climate study, coastal zone management, environmental economy and related fields.

Envisaged topics of the Master: Interdisciplinary course covering a number of topics related to blue economy including environmental aspects, socio-economic fields and science diplomacy.

How to apply

Interested, qualified persons are invited to submit an online application. Candidature should contain detailed CV (Europass format) and a support letter from home institution.

Contact us

For more information on the Master please contact:
bluegrowth@ings.it

4) International **Mobility** and Scientific **Networking**

✧ Exchange programs of researchers in the international arena, especially in the Mediterranean region and the Black Sea.



5) Support activities to business development and **creation of start-ups or/and spin-off**

- ✧ Give visibility and promote the development of business ideas that can be generated from the world of research
- ✧ Promote highly innovative value to support the creation of start-up and / or spin-off focused on **Blue Growth** sector also on activities that include land-sea interaction.



6) Dissemination activities (**public outreach**) and museum

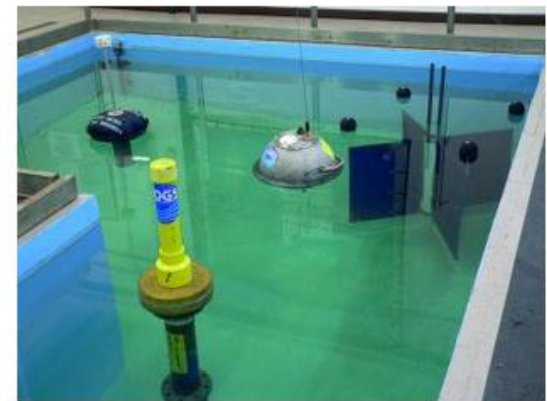
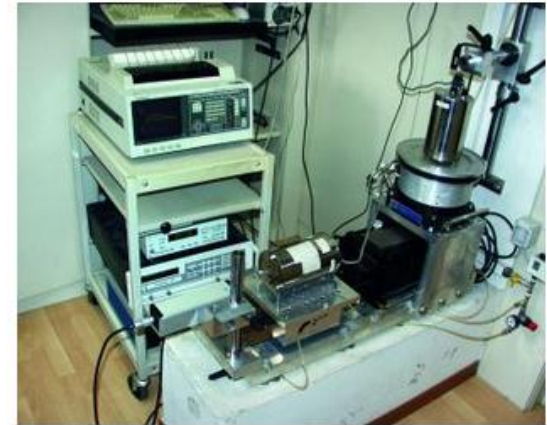
- ✧ Series of conferences with on-demand topics.
- ✧ Sensitizing public opinion on Plastic Waste (macro and micro)





7) Access to research infrastructures

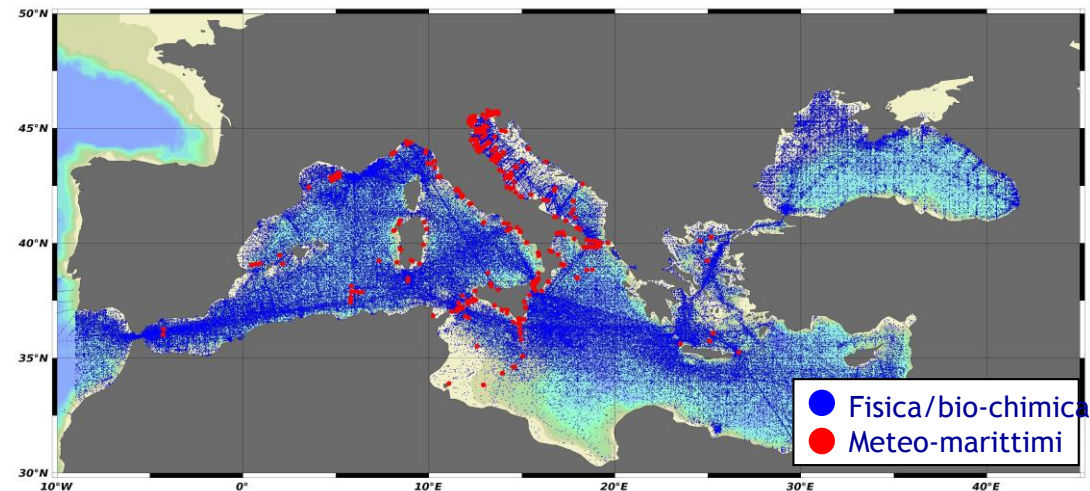
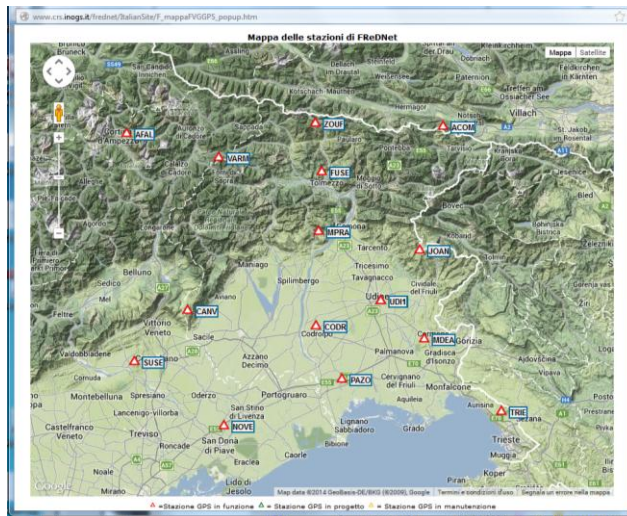
✧ Among many infrastructure managed by OGS, the most suitable for this project are those related to the marine environment. OGS has a research vessel (OGS Explora) and a small transport vessel for water sampling (Patrol vessel 500 class). OGS can provide a broad spectrum of technological equipment for the marine environmental survey, both under the seabed or on the water column. OGS has in fact the equipment to carry out the mapping of the seabed, the geophysics acquisitions, water samplings, etc.



OGS data infrastructure is articulated in three disciplinary sectors:

- Oceanography
- Bathymetry and sea seismological data
- Seismic ground and geodetic

The information system is integrated into European networks (EMODNet, SeaDataNet)



Access to data, key point for research and marine management (from climate change to blue growth)





- ✧ **Interaction land-sea** with an integrated approach for costal management and offshore development;
- ✧ Cross-cutting disciplines;
- ✧ Second level master on specific topic related to Blue Growth;
- ✧ **Involvement of private sectors and industries;**
- ✧ Importance of the international component;
- ✧ **Dialogue and science diplomacy.**



Within the framework of the BLUEMED initiative



Thank
You

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