

# NATIONAL INSTITUTE OF OCEANOGRAPHY AND APPLIED GEOPHYSICS



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Research Promotion and International Cooperation



# Recent OGS initiatives on capacity building and international cooperation



# OGS geographical areas of interest: 2014-16

- Polar areas
- Mediterranean
- Balkan
- Central European
- Adriatic-Ionian



JPI  
**OCEANS**



# List of OGS participation to national and international networks for research or/and infrastructures



37



21



16



The international footprint of OGS

# JPI Oceans is open to all EU Member States and Associated Countries who invest in marine and maritime research.



## ITALY

National Institute of Oceanography and Experimental Geophysics (OGS)

Contact: [Angelo Camerlenghi](#)

Italian Ministry of Infrastructure and Transport, Directorate of Maritime Transport and Inland Waterways

Contact: [Enrico Maria Pujja](#)

Italian Consortium for Managing research Activities Venice Lagoon (CORILA)

Contact: [Pierpaolo Campostrini](#)

National Research Council of Italy, Marine Technology Research Institute (INSEAN-CNR)

Contact: [Emilio Fortunato Campana](#)





## Representative of the Italian Ministry of Education, University and Research (MIUR) in the Western Mediterranean Forum (Dialogue 5+5)



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

It is a sub-regional cooperation in the Mediterranean.  
Countries are France, Italy, Malta, Portugal, Spain and  
Algeria, Libya, Morocco, Mauritania, Tunisia.



# Main international collaborations (2013)

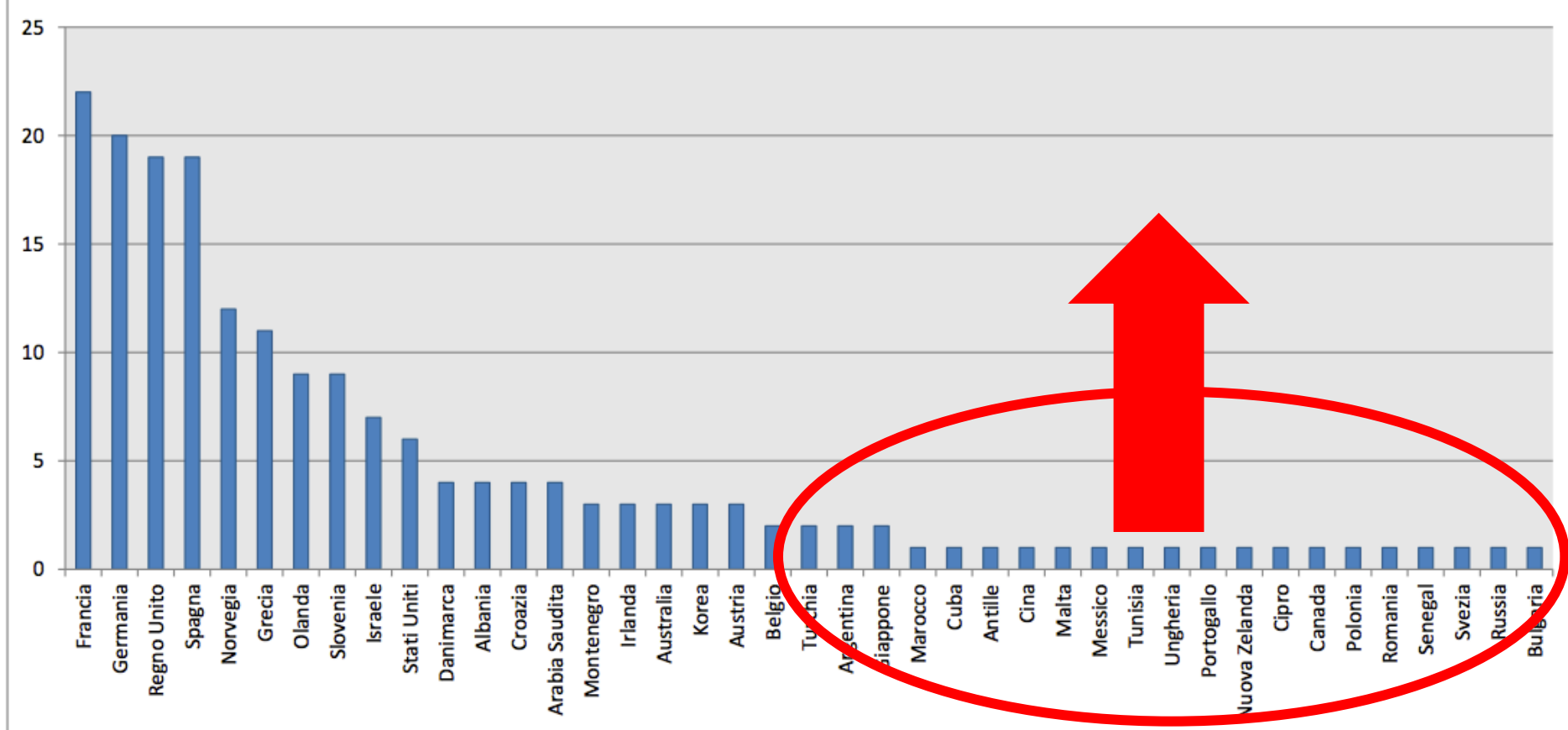
1. France
2. Germany
3. United Kingdom
4. Spain
5. Norway
6. Greece
7. Netherlands
8. Slovenia
9. Israel
10. United states



11. Denmark
12. Albania
13. Croatia
14. Saudi Arabia
15. Montenegro
16. Ireland
17. Australia
18. Korea
19. Austria
20. Belgium

# OGS international collaborations (2013)

**Principali collaborazioni internazionali  
Attività a bilancio anno finanziario 2013**





# Joint Commission for Scientific and Technological Cooperation, Ministry of Foreign Affairs:



*Ministero degli Affari Esteri*

OGS participated to the following meetings:

Italy-Israel, Rome, 14 October 2013;

Italy-Brazil, Rome, 24 October 2013;

Italy-U.S.A., Rome, 26 November 2013.

OGS prepared the following country profiles:

**Argentina, Brazil, China**, France, Greece, Israel, Saudi Arabia, Spain, Turkey

## 2014 OGS fellowship programme

- ❑ 20 fellows (assegno di ricerca = mainly post-doc fellowship grant) including 1 from Greece, 1 from France, 1 from Israel;
- ❑ 4 fellows (borsa di studio) including 1 from Croatia;

+

Erasmus

Ph.D.

Co-fund TRIL





## Objectives:

- ❑ to train new generation of creative and innovative researchers able to convert the knowledge and ideas into products and services for the benefit of the society;
- ❑ to improve career perspectives of young researchers;
- ❑ to promote the excellence in science through the cross-border and inter-sectorial mobility;
- ❑ to stimulate innovation through the knowledge exchange and technology transfer.

# Training Opportunities at OGS

- ❑ Talents attraction and circulation
- ❑ International mobility
- ❑ International Doctorate research in collaboration with universities
- ❑ Summer schools

# **CEI Know-how Exchange Programme (KEP)**



**Joint project OGS-CEI**

**Capacity building and transfer of knowledge for increasing and improving professional skills in the field of secure, clean and efficient energy in Albania, Montenegro and Serbia.**

- 3 workshops in Albania, Montenegro and Serbia**
- One Training Course (Trieste, 13-17 October 2014)**
- 3 fellows (3 months fellowships for Albania, Montenegro and Serbia)**

# Beneficiary Institutions

**Association of Geophysicists and Environmentalists of Serbia, AGES – SERBIA**  
Contact: Snezana Komatina Petrovic, President

**Association of Geophysicists and Environmentalists (AGES)**



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[www.AGESerbia.com](http://www.AGESerbia.com)



**Geological Survey of Montenegro – Podgorica**

Contact: Dr. Slobodan Radusinovic, Deputy Director)

**Department of Energy Resources, Faculty of Geology and Mining – ALBANIA**  
Contact: prof. Baskim Cela, Head of Department

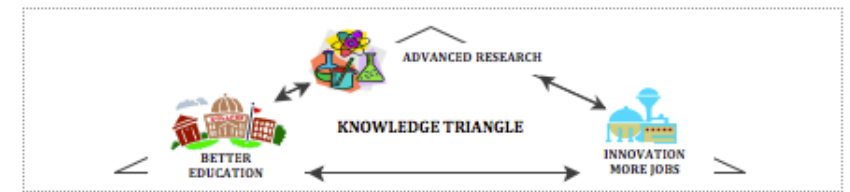
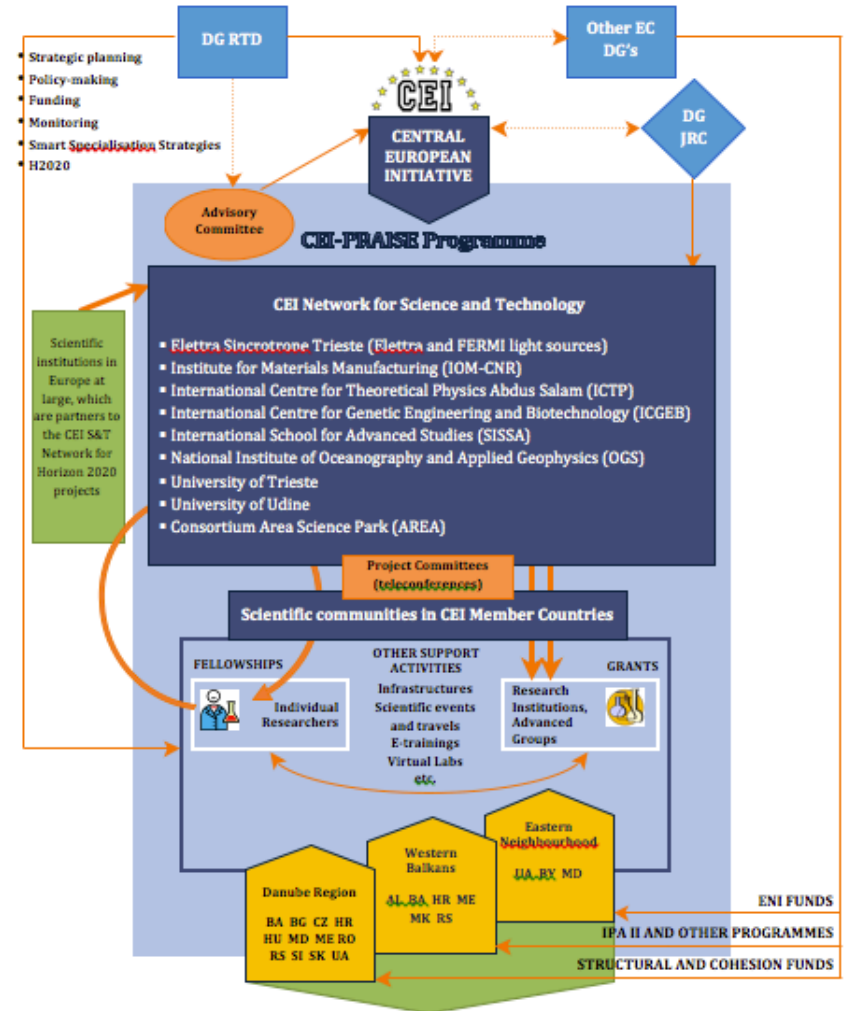


AUSTRIA BELARUS BOSNIA AND HERZEGOVINA BULGARIA CROATIA CZECH REPUBLIC HUNGARY ITALY MOLDOVA MONTENEGRO POLAND ROMANIA SERBIA SLOVAKIA SLOVENIA UKRAINE

## CEI-PRAISE Programme to Promote Research and Innovation through Centres of Scientific Excellence and Advanced Research Groups in Member Countries

DRAFT (June 9<sup>th</sup>, 2014)

Graphic 1- CEI-PRAISE Programme structure



# SUMMER SCHOOL IN SUSTAINABLE BLUE GROWTH IN SOUTH EAST EUROPE

A joint project OGS-Robert Bosch Foundation



Human resources development and strengthening of professional skills in **South East Europe** (Summer School, Trieste, 14-18 July 2014).

The training is addressed to participants from South East Europe: namely Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Greece, Macedonia, Moldova, Montenegro, Romania, Serbia, Slovenia, Turkey and Ukraine and participants from Italy and Germany.







## Training and Research in Italian Laboratories

# TRIL

Joint project OGS-ICTP

During the period 1985-2013, 49 fellows (13 females and 36 males) from 26 countries have been granted TRIL fellowships and supported by OGS. Two fellows from Cuba are hosted by OGS-CRS.

<http://www.ictp.it/tril>

International Ph.D. Program

# ESFM

Earth Science and Fluid Mechanics

*(former Industrial and Environmental Fluid Mechanics)*

The University of Trieste  
(UniTS)

The National Institute for Oceanography and Applied Geophysics  
(OGS)

The Abdus Salam International Center for Theoretical Physics  
(ICTP)

<http://www.phdfuidmechanics.units.it>

# International Ph.D Program

Active since 2005

About 20 students graduated over the years and now working in international distinguished Institutions

More than 50% of students coming from abroad

Main themes

- Theoretical and applied Fluid Mechanics
- Geophysical and Environmental Fluid Mechanics
- Underground fluid injection

# Reinforcing the OGS involvement in the Marie Skłodowska-Curie actions (MSCA)



Mobility opportunities and international networking and intersectoral for researchers: Marie Skłodowska-Curie Actions, COST Actions and Opportunities for transnational access to Research Infrastructures.

The aim is to stimulate regional, national or international programmes to foster excellence in researchers' training, mobility and career development, spreading the best practices of Marie Skłodowska-Curie actions.



## **Workshop and training course**

**Opportunity for human capital international  
& inter-sectoral mobility and networking:  
Marie Skłodowska-Curie Actions, COST Actions and  
Transnational Access Opportunities to Research  
Infrastructures**

*in collaboration with the Agency for the Promotion of European Research and with the  
participation of European Commission (Head of Unit Marie Curie Actions)*

**October 10<sup>th</sup> 2014, 9.00 a.m.**

OGS, Sala Michelato (Palazzina E)



# OGS internationalization - the Brazilian Science without Borders programme



## National Development Strategy

- ❑ Massive investment in education & research skills development knowledge-based economy
- ❑ Focus on national strategic challenges (Engineering and other technological areas); Promotion of industrial R,D&I

## Programme Objectives

- ❑ Boost Brazilian science, technology, innovation and competitiveness through the expansion of international mobility (100.000 fellowships in 4 years);
- ❑ Increase the presence of Brazilian researchers and students of various levels in institutions of excellence overseas (OGS will be one of them);
- ❑ Attract young scientific talents and highly qualified researchers to work in Brazil.



Thank  
You

