



MINUTES OF THE LUNCH-BRIEFING

« Marine and Maritime sciences & technologies: Towards “Horizon 2020”, the Framework Programme for Research and Innovation”

European Parliament, Brussels 31 may 2012 –12:00-14:00

Agenda & list of participants: see Annexe

Organisers: European Parliament’s intergroup on Seas and Coastal areas, Joint Programming Initiative “Healthy and Productive Seas and Oceans” (JPI Oceans).

Moderator: Christina Abildgaard, Director, Research Council of Norway, Management board member of JPI Oceans

Main Conclusions:

- Interacting and multiple pressures on the seas and oceans (transport, energy, fisheries etc.) require a trans-disciplinary approach to find sustainable solutions and unlock blue growth potential;
- The recognition of marine and maritime research as a grand challenge in H2020 is much welcomed by stakeholders;
- Marine and maritime research benefited from its status as priority cross-cutting theme in FP7, which laid a platform for significant progress towards and ERA for marine sciences and technologies, and the establishment of JPI Oceans; European Parliament played a major role in the establishment FP7 with a particular attention to marine and maritime sciences and is willing to pursue its role with the preparation of H2020;
- H2020 is an opportunity to implement a further integrated approach for marine and maritime research. This should be done by a multi-annual programming of scientific and technological needs;
- There is a need for strong synergies between the JPI and H2020, to ensure a coordinated implementation, within the European Commission and Member (and associated) states.
- Participants and speakers raised a number of topics which should be better embedded and developed within the different H2020 societal challenges, such as the interactions between the atmosphere and the oceans, research focused on the implementation of MSFD, deep sea, marine biodiversity and marine ecosystems. European Parliament is ready to bring a number of improvements of the EC proposal.

Mrs Isabella Lövin, MEP, Sweden, PECH committee, gave an overview of the H2020 policy context in an opening speech. The proposal from European Commission is currently negotiated with European parliament and the Council and the vote in committee is scheduled for October 2012. The adoption of the full package is expected end of 2013. The new research and innovation framework programme will run for 2014-2020 and is based on six societal challenges on which funding will be focused, including “Food security, sustainable agriculture, marine and maritime research and the bio-economy.”

She highlighted: the importance to support both independent basic research and applied science; the general need for new and innovative research to re-orient all sectoral policies affecting the marine

environment from an isolated to an integrated approach; the need for more research related to the interactions between the atmosphere and the oceans (including Ocean Acidification) and carbon sequestration potential in the oceans; the need to focus research on the implementation of the Marine Strategy Framework Directive (MSFD), the Water Framework Directive (WFD), the EU Biodiversity conservation Directives and the Data Collection Framework (DCF); The future research programme must also facilitate efficient implementation of Maritime Spatial Planning and Integrated Coastal Zone Management (ICZM), which are central tools to the efficient management of marine and coastal resources. Concerning fisheries, Isabella Lövin said research would be even more important to implement new targets and strategies in the reformed Common Fisheries Policy. *"The good thing is that data used to implement for instance the Ecosystem Approach and the MSY targets will also be relevant in other policy fields."*

M. Atle Leikvoll, Ambassador, Head of the mission of the Kingdom of Norway to the European Union gave a keynote speech highlighting the economic potential of seas and oceans as well as its untapped potential which is even bigger. He insisted on the fact that EU's maritime regions account for around 40% of its GDP and the maritime economy for 3 to 5%. Maritime transport is also responsible for 90% of EU's external trade and 40% of its internal trade. Europe's Maritime tourism accounts for about 3 million jobs with a turnover of €72 billions in 2005. He gave the example of biotechnologies to underline the untapped potential of the seas. Oceans and seas offer a huge potential for discovery of new species and applications derived from biotechnologies, a sector foreseen to grow at a 10% annual in the coming decade. Securing reliable and undistorted access to raw materials is increasingly becoming an important factor for the EU's competitiveness. Part of the solution could be the sustainable exploitation of the seabed. Sectors worth €1 324 billion/30 mill jobs rely on minerals, some with 100% import dependency.

H2020 should reflect this untapped potential. Ambassador Leikvoll said the recognition of marine and maritime research within the knowledge-based bioeconomy challenge on which funding will be focused is welcomed but there is a potential for improvement of integration of marine and maritime research among all other thematic areas. The launch of the new framework programme Horizon 2020 is an opportunity to define a strategic coordinated approach for marine and maritime research, identifying key scientific and technological challenges across Horizon 2020 challenges and priorities.

Frank Monteny, Director "Research programmes", Belgian Federal Science policy office (BELSPO), Management Board member of JPI Oceans, gave a presentation on the state of play and objectives of the Joint Programming Initiative "Healthy and productive seas and oceans." Joint Programming is a concept, introduced in 2008, to tackle the challenges that cannot be solved solely on a national level. Participating countries are expected to coordinate national research activities, group resources and benefit from complementarities, explained Frank Monteny. The main objective of Joint Programming is therefore to increase the value of national R&D investments which should be done by concerted and joint planning, implementation and evaluation of national research programmes and investments. Indeed, 15% of the research funding is managed at a European level, including intergovernmental programs while 85 % is spent at the national level, which will be the focus of Joint Programming.

The first step for such a concerted and joint planning of marine and maritime research is the development of a common research and innovation agenda which will be the basis for long term cooperation. JPI Oceans offers, both for R&D as well as for institutional programming , a framework to facilitate cooperation wherein also common planning initiatives will be embedded. He promoted the need for strong synergies between the JPI and H2020, to ensure a coordinated implementation, within the European Commission and Member (and associated) states involved in the JPI Oceans. To conclude, he said that a clear transversal integration of marine and maritime research through Horizon 2020 societal challenges is needed to allow a valuable contribution from marine and maritime research and innovation to the blue growth strategy.

Dr Melanie Austen, Plymouth Marine Laboratory, Coordinator of FP7 project VECTORS (Vectors of change in European Marine Ecosystems and their Environmental Social-Economic Impacts), presented VECTORS as an example of project requiring a cross-cutting approach. VECTORS seeks to develop integrated, multidisciplinary research-based understanding that will contribute the information and knowledge required for addressing forthcoming requirements, policies and regulations across multiple sectors. A multi-disciplinary approach is necessary as human use of the European marine environment is increasing and diversifying and current and emerging pressures are multiple and interacting. For example, maritime transport, energy devices, exploitation of living resources, discharges together with environmental changes all impact the marine environment. An integrated knowledge such as developed by VECTORS is needed to support development and implementation of EU strategies, policies and regulations (Marine Strategy Framework Directive, IMO Convention on Ballast Water Management , EU Maritime Policy).

Mrs. Eleni Marianou, Secretary General of CPMR (Conference of Peripheral and Maritime Regions of Europe) welcomed, on behalf of CPMR, the recognition of marine and maritime research as a societal challenge within “Food security, sustainable agriculture, marine and maritime sciences and the bio-economy” challenge. She called for a strengthened strategic approach for marine and maritime research for which a specific budgetary line could be allocated. She précised to MEPs that a basis for such an approach is in place in the European Commission’s proposal : *“Detailed priority setting during implementation of Horizon 2020 will entail a strategic approach to programming of research, using modes of governance aligning closely with policy development yet cutting across the boundaries of traditional sectoral policies (...) . This cross-cutting approach to programming and governance will allow effective coordination between all of Horizon 2020’s specific objectives and will allow to address challenges which cut across them, such as for instance sustainability, climate change or marine sciences and technologies. A specific budgetary line will be dedicated to cross-cutting actions.”* Eleni Marianou also highlighted the need for research to develop maritime transport as well in the area of maritime safety.

Jacques Fuchs, Head of Sector “Fisheries and Aquaculture”, DG Research and Innovation, European Commission, gave a short intervention on demand of the moderator. He recognised the importance of the cross-cutting approach in marine and maritime research as presented by the different speakers. He underlined that implementation of such an approach was the objective of "The ocean of tomorrow calls" representing €180 million investment allocated to large multidisciplinary research projects for the period 2010-2013. He took note of positive feedback from speakers concerning the better visibility of marine and maritime research within H2020 and also recalled the basis for implementation of cross-cutting approach, as mentioned earlier by Eleni Marianou. He added that this lunch briefing initiative offers useful opportunity to exchange views between the members of the EP and the different actors concerned on the place that Marine and Maritime research should play in Horizon 2020.

Mrs. Gesine Meissner, MEP, Germany, Transport and Tourism Committee, told participants about her role as a Rapporteur on the Integrated maritime policy. When the European Commission proposal on the integrated maritime policy was submitted to European Parliament in 2008, few MEPs were interested in this cross-sectoral policy as most of them were interested by specific maritime sectors (maritime transport, fisheries, marine environment...). The concept of integrated maritime policy is now much more accepted and there is better understanding of its objectives. It is important that Horizon 2020 strongly supports marine and maritime research to allow the development of the necessary knowledge-base supporting the Integrated maritime policy.

Contact: JPI Oceans florence.coroner@ifremer.fr + 32 (0) 22 134 167 - RCN Norwegian Liaison Office for EU RTD / Secretariat JPI Oceans - Rue du Trone 98, 1050 Brussels - www.jpi-oceans.eu

Seas and Coastal areas Intergroup: www.mersetzonescotieres.eu



Programme

Marine and Maritime sciences & technologies:

Towards “Horizon 2020”, the Framework Programme for Research and Innovation

Private Salon, Members’ Restaurant, European Parliament, Brussels

30 May 2012 12:00-14:00

At the invitation of Ms Corinne Lepage, MEP, President of European Parliament’s Seas and Coastal Areas, and the Joint Programming Initiative “healthy and productive seas and oceans” (JPI Oceans¹)

Collaborative marine research in Europe received substantial support under the FP6 and FP7 programmes. Notably, marine sciences benefited from its status as a priority cross cutting theme in FP7, which laid a platform for significant progress towards an European Research Area (ERA) for marine science and technologies, and the establishment of the JPI Oceans. To achieve a fully functioning ERA for marine research and deliver the full contribution of seas and oceans to EU 2020 objectives, it is now imperative for the new framework programme for Research and Innovation “Horizon 2020” to build on the significant progress made in FP7.

The exploitation of living and non-living marine resources as well as the use of different sources of marine energy and the wide range of different uses that we make of the sea raises cross-cutting scientific and technological challenges. This lunch briefing will address the need for marine and maritime research to be tackled through an integrated and cross-cutting approach in Horizon 2020. It will provide recommendations on how to integrate marine and maritime research and technologies in the framework of Horizon 2020.

Welcoming Remarks	Mrs. Isabelle Lövin, MEP , Member of Seas and Coastal areas Intergroup 10’
Moderator	Mrs. Christina Abildgaard , Director, Research Council of Norway, Management board member of JPI Oceans
Keynote Address	M. Frank Monteny , Director "Research Programmes", Belgian Federal Science Policy Office (BELSPO), Management board member of JPI Oceans 10’
Keynote Address	M. Atle Leikvoll , Ambassador, Head of the Mission of the Kingdom of Norway to the European Union 10’
Presentation 1	Dr. Melanie Austen , Plymouth Marine Laboratory, <i>Coordinator of a large multidisciplinary research project: “Vectors of Change in Oceans and Seas Marine Life, Impact on Economic Sectors” (VECTORS)</i> 10’
Presentation 2	Mrs. Eleni Marianou , Secretary General of the CPMR 10’
Presentation 3	M. Rudolf Strohmeier , Deputy Director-General, DG Research and Innovation, European Commission (tbc) 10’
Closing Remarks	Mrs. Gesine Meissner, MEP , Member of the Seas and Coastal Areas Intergroup (tbc) 10’

¹ The Joint Programming Initiative “Healthy and Productive Seas and Oceans” is driven by Ministries and Funding Agencies represented in the Management Board. It is a coordinating and integrating long-term platform, open to all EU Member States and Associated Countries who invest in marine and maritime research. 17 countries are currently participating in the JPI Oceans covering all sea basins. www.jpi-oceans.eu - contact : florence.coroner@ifremer.fr +32 (0) 22 134 167



Lunch briefing on "Marine and Maritime sciences & technologies: Towards Horizon 2020"

European Parliament, Brussels

30 May 2012 (12.00-14.00)

(23/05/2012)

LIST OF PARTICIPANTS

ABILDGAARD Christina, Director, Research Council of Norway, Member of JPI Oceans

AUSTEN Melanie, Coordinator of a large multidisplinary research project, Plymouth Marine Laboratory (VECTORS)

BURNAY Henrique, Senior Partner, Eupportunity

CORONER Florence, Adviser, JPI Oceans

COX David, Programme Manager, Belgian Science Policy Office (BELSPO)

LERICOLAIS Gilles, Director of European and International Affairs, IFREMER

MCDONOUGH Niall, Executive Scientific Secretary, Marine Board

MONTENY Frank, Director "Research Programmes", Belgian Federal Science Policy Office (BELSPO)

MORETTI Pier Francesco, Policy officer, National Research Council of Italy

RAMIREZ CARDENAS Teodoro, Representative in Brussels, IEO (Spanish Institute of Oceanography)

REGAIRAZ Elise, Project Assistant, EBCD

SRODA Szymon, Special Advisor, Research Council of Norway- JPI Oceans

I - STATES

LEIKVOLL Atle, Ambassador of Norway to the EU, Mission of Norway to the EU

CANDELA Milagros, Counsellor for Science and Innovation, Permanent Representation of Spain to the EU

DELANEY Ciara, Integrated Maritime Affairs Attache, Permanent Representation of Ireland to the EU

II - EUROPEAN INSTITUTIONS

EUROPEAN PARLIAMENT

LEPAGE Corinne, MEP, President of European Parliament's Seas and Coastal Areas
LÖVIN Isabella, MEP, Member of European Parliament's Seas and Coastal Areas
MATERA Barbara, MEP
MEISSNER Gesine, MEP, Member of European Parliament's Seas and Coastal Areas
ROSBACH Anna, MEP, Member of European Parliament's Seas and Coastal Areas
TSOUKALAS Ioannis, MEP, Member of European Parliament's Seas and Coastal Areas

BAI Athina, Assistant to Prof. Ioannis A. TSOUKALAS (MEP)

FRASER Alison, Office of Julie Girling MEP

EUROPEAN COMMISSION

ASTUDILLO Armando, Adviser, European Commission, DG MARE

DEROO Rafaël, Policy officer, DG MARE European Commission

FUCHS Jacques, Head of sector Fisheries and Aquaculture DG RTD/E4, European Commission

GUIFFART Astrid, Assistant Policy Officer, European Commission- DG RTD

JAGOT Charlotte, Research programme officer - The Ocean of Tomorrow, European Commission DG RTD

LE BOULER Gaelle, Research programme officer, European Commission

RODRIGUEZ Sebastian, Scientific/Technical Project Officer, European Commission-DG MARE

MEINESZ Coralie, Trainee, European Commission (ENV DG, Marine environment Unit)

III - REGIONS

CAUMONT Pauline, Executive Secretary, Atlantic Arc Commission - CPMR

ENGELKE Thomas, Advisor for Maritime Policy, Fisheries, Environment & Energy, Hanse Office - Gemeinsames Büro der Länder Hamburg & Schleswig-Holstein

FARCOULI Maud, Policy officer, EIE Bretagne/ Pays de la Loire/ Poitou-Charentes

HILGER Martina, Science Officer/Consultant, Free Hanseatic city of Bremen

MARTIN Mar, EU Policy Adviser (coordinator of the Marine Energy Working Group of the Atlantic Commission of the CPMR), Cantabria

MARIANOU Eleni, Secretary General, CPMR

MIESCH Svea, Assistant, Information office of Mecklenburg-Vorpommern

PERISSE Damien, Director, maritime issues, innovation and competitiveness, CPMR

PROTO Yannick, Head of office, Representation of the Region Midi-Pyrénées

THOMAS Carol, Senior Policy Officer, CPMR

VAN RHEENEN Debby, Policy Officer, Hanse-Office, Joint Representation of Hamburg and Schleswig-Holstein