



MARCOM+ WP4

“Developing and Sustaining the Network of Marine and Maritime Research Organisations”

**Policy Interface Panel – 1st meeting
Ijmuiden (NL), 14 February 2011**

**Niall McDonough & Maud Evrard
Marine Board-ESF**

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MARCOM+ Task 4.1

Identification of existing European Marine and Maritime research representative organisations

Partners Involved: MB-ESF (4) [Task Leader], partners 2, 8, 9

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Inventory rationale



1. MARCOM+ aims at contributing to the establishment of a **sustainable and effective Marine and Maritime Science Partnership**

To do so it is essential to:

- **Identify relevant European organisations representing the marine and maritime research sector** (Task4.1 Inventory).
- **Characterise those organisations** in respect of their mission, legal structure, mandate, funding base, services and needs.
- **Engage with those organisations** (through MARCOM+ project) to mobilise them for participation in an agreed Marine and Maritime Science and Technology Forum/

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Inventory methodology

2. Criteria - Organisations:

- whose main activity(ies) is related to Research, e.g. performing, funding, using, structuring; AND
- which are representative associations, consortia, networks (i.e. no individual research); AND
- operating at international (with European component), pan-European or regional (i.e. sea basin, not administrative regions) scale in European Member States (i.e. EU 27) and Associated Countries.

3. Synergies with EMAR²RES

- D [2.1] "Report on Stakeholders Identification" (July 2010) – 14 organisations were surveyed

4. Questionnaire (for remote survey):

- Mandate and mission; Legal status; Size; Sources of funding.

5. Matrix of Services and Needs – 30 areas of expertise

- **Service:** organisation's core competences, offer to other stakeholders, clients or end-users
- **Needs:** specific requirements an organisation may have in order to perform its tasks

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1. Accident Investigations
2. Design Methods and Tools
3. Drilling research
4. Economic Studies/Forecasting
5. Environmental Sciences
6. Field Inspection
7. Fisheries/Aquaculture
8. Human Factors Research
9. Hydromechanics
10. IT and Communication Technologies
11. Maritime Simulation
12. Marine conservation and protection
13. Marine research
14. Material Sciences
15. Navigation
16. Non-Destructive Testing
17. Operational Oceanography (incl. Data management)
18. Oil and gas
19. Production Logistics and Planning
20. Production Processes
21. Project Management
22. Quality Assessment and Control
23. Risk Assessment, Safety Development
24. Scenario and Strategy
25. Ship Operation
26. Standards and Rules
27. Statistical Services
28. Structural Mechanics
29. Testing
30. Training and Education

Inventory results

6. Inventory table – 26 Organisations (21 responses), 4 categories (+ subcat.: geographical / topical scope):

• States / Intergovernmental (9):

- International (3)
- EU and Associated States (3)
- Regional Sea Conventions (3)

• Research Funding or Performing (11):

- Pan-European (8)
- FP consortia (2)
- Global (1)

• Industry (4):

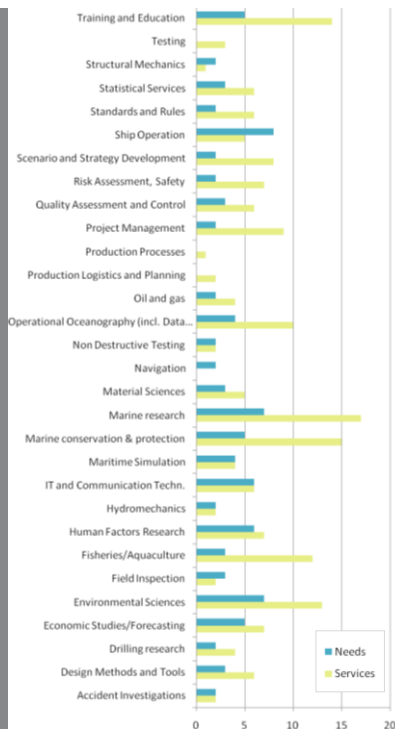
- Transport (1)
- Aquaculture (1)
- Energy (2)

➤ Under-represented , suggestions for additions? (see criteria)

• Other stakeholders and practitioners (2)

1. BONUS
2. BSC
3. CIESM
4. CPMR
5. EAS
6. EATIP
7. ECORD
8. EFAO
9. ERVO
10. EUCC
11. EurOcean
12. EUROMARINE
13. EU-OEA *
14. EUR-OCEANS Consortium
15. EuroGOOS
16. HELCOM
17. ICES
18. IOC *
19. JPI *
20. MB-ESF
21. MARS
22. POGO
23. OGP
24. OSPAR *
25. SEAS-ERA
26. WaterBorne *

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Services and Needs



7. From the **Matrix of Commonalities**, the following can be identified :

Top 3 services:

- Marine Research
- Marine Conservation and Protection
- Training and Education

Top 3 needs:

- Ship Operation
- Marine Research
- Environmental Sciences

8. Expressed services exceeds expressed needs: substantial **expertise offer**

9. Does the offered services meet the expressed needs?

Which **requests for advice / foresight** could be addressed to the Partnership?



Conclusions



10. Inventory & matrix:

Provides a "picture" of the landscape (dynamic and evolving)
Overview of pool of available expertise

11. Call for update of - / additions to the Inventory

Online request - www.marinemaritimescienceforum.eu
Underrepresentation of European Industry-Research Networks

12. Mobilisation: on-going through the MARCOM+ activities

MARCOM+ Panel
MARCOM+ Open Forum



End of part one

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MARCOM+ Task 4.2

Organisation of a series of Marine and Maritime Partnership Open Fora

Partners Involved: MB-ESF (4) [Task Leader], ALL

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MARCOM+ Open Fora overview



- **Rationale** - MARCOM+ Open Fora are:

Open to the wider marine & maritime research community, and

Designed to:

- Present MARCOM+ progress & related Science Policy developments
- Enable representative organisations, not directly involved in the project, to voice their views
- Brainstorm/Debate on future collaborative mechanisms

- **1st MARCOM+ Open Forum (25/11/10, Brussels)**

Participation: 55 persons (incl. 14 MARCOM+ partners) from 37 different organisations (38 "research", 8 "industry", 9 "policy")

Outputs

- Recommendations to feed in subsequent MARCOM+ activities (e.g. panels)
 - **Science for Policy**
 - **Science Strategy**
 - **Science for Innovation**
- Proceedings of the 1st MARCOM+ Open Forum (D [4.2.1], January 2011)

- **2nd MARCOM+ Open Forum (08/09/11, Brussels) – SAVE THE DATE**

Programme: discuss and debate **concrete proposal(s)** on the structure of a future European Marine and Maritime Science Partnership.

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MARCOM+ 1st Open Forum recommendations (1)



Science for Policy

- More integrated planning of research priorities. Definition of the challenges, the science needed and anticipated benefits (from problem to solution). Inclusion of industry and policy (users) in the preparation planning / phase (when appropriate).
- Contribution to the « science to knowledge » mechanism. Creation of a repository of scientific results and their translation into usable « products », the latter could be achieved using the experience of relevant initiatives (e.g. EurOcean webportal, CLAMER FP7 CSA, MARINE TT, etc.).
- Development of Science Communication to policy mechanisms.
- Formulation of advice for policy implementation as well as for policy formulation.
- Recognition of value of science for policy - the latter should be instilled in project assessment, peer review, reward for success.

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MARCOM+ 1st Open Forum recommendations (2)



Science Strategy

- More balance between top down and bottom up approaches to develop science and strategy. Establish also such balance between basic and applied research to counteract the negative impact that the economic crisis has had on basic research which is the basis for future questions and solutions, and needs to be recognised as such.
- Reduce fragmentation and overcome practical hurdles (sharing of and access to data, model being used, treated, developed and shared)
- Improve the interactions between science and industry – e.g. Joint use of industry infrastructures.

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MARCOM+ 1st Open Forum recommendations (3)



Science for Innovation

- Better incentives and training for scientists to engage in entrepreneurship;
- Better incentives and removal of barriers for SMEs to engage in research;
- More mechanisms to bridge the gap between RTD and Industry;
- Better mapping of maritime clusters in terms of technology and identification of strengths, gaps & foresight work to understand potential;
- Analysis of and filling the gaps in intellectual property rights in relation to Marine genetic/living resources;
- Support and branding to take innovation to the market place (Europe Inc.);
- Marine Community to work together to influence policy in order to assure resources for marine innovation.

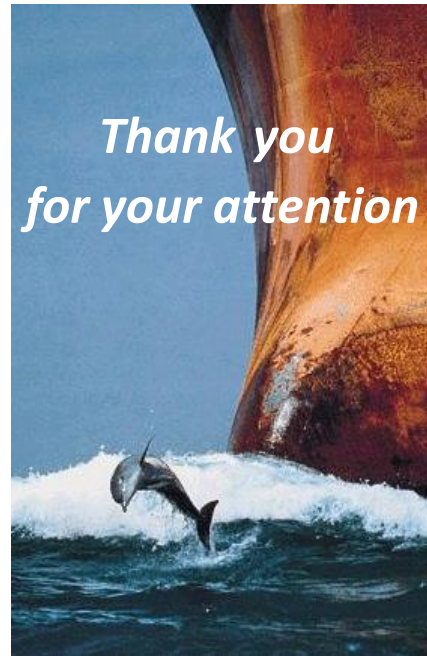
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Marine Board-ESF
Wandelaarkaai 7 (gate 68)
8400 Ostend,
Belgium

Tel: +32 (0)59 34 01 53
Fax: +32 (0)59 34 10 65

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MARCOM+ Task 4.3

Assessment of the modalities and instruments to best address the sustainability of the partnership

Partners Involved: MB-ESF (4) [Task Leader] & partner 10

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Partnership: modalities and instruments (1)



Principles:

- Openness ,
- Transparency
- Multidisciplinary
- Commonalities

Functions – re. marine science and policy

- *Consultation of relevant stakeholders, end users*
- *Mobilisation of relevant expertise*
- **Consolidated Advice (in a reactive or proactive manner)**
- **Foresight**
- *Communication*

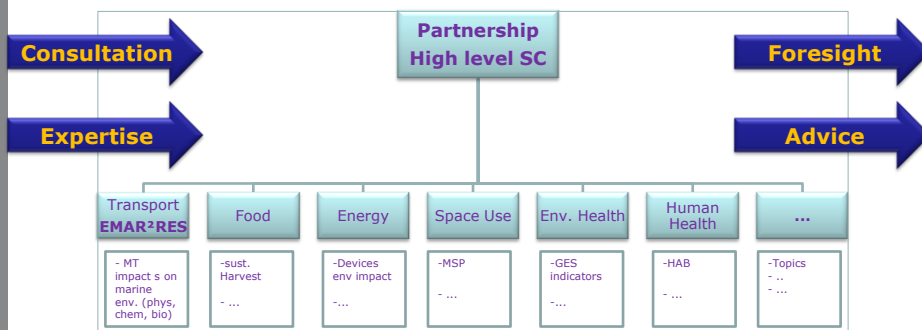
Operations

- Light structure
- No extra funding
- Thematic approach
- Annual Partnership meeting:
 - morning – plenary
 - afternoon - parallel topical panel sessions

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Partnership: modalities and instruments (2)



1. High level Steering Committee :

Membership: TBD + SC chairmanship (+ secretariat) Rotating? TBD

Functions: TBD - Annual Plenary, Process (external) requests for advice, (internal) suggestions from topical panels

2. Thematic Panels

Membership: TBD + Panel chairmanship Rotating? TBD + **Functions:** formulate specific advice & undertake foresight at topical level