

2nd Marine Board Forum: *towards a European Network of Marine Observatories for monitoring and research*

Session 2: Projects and Initiatives

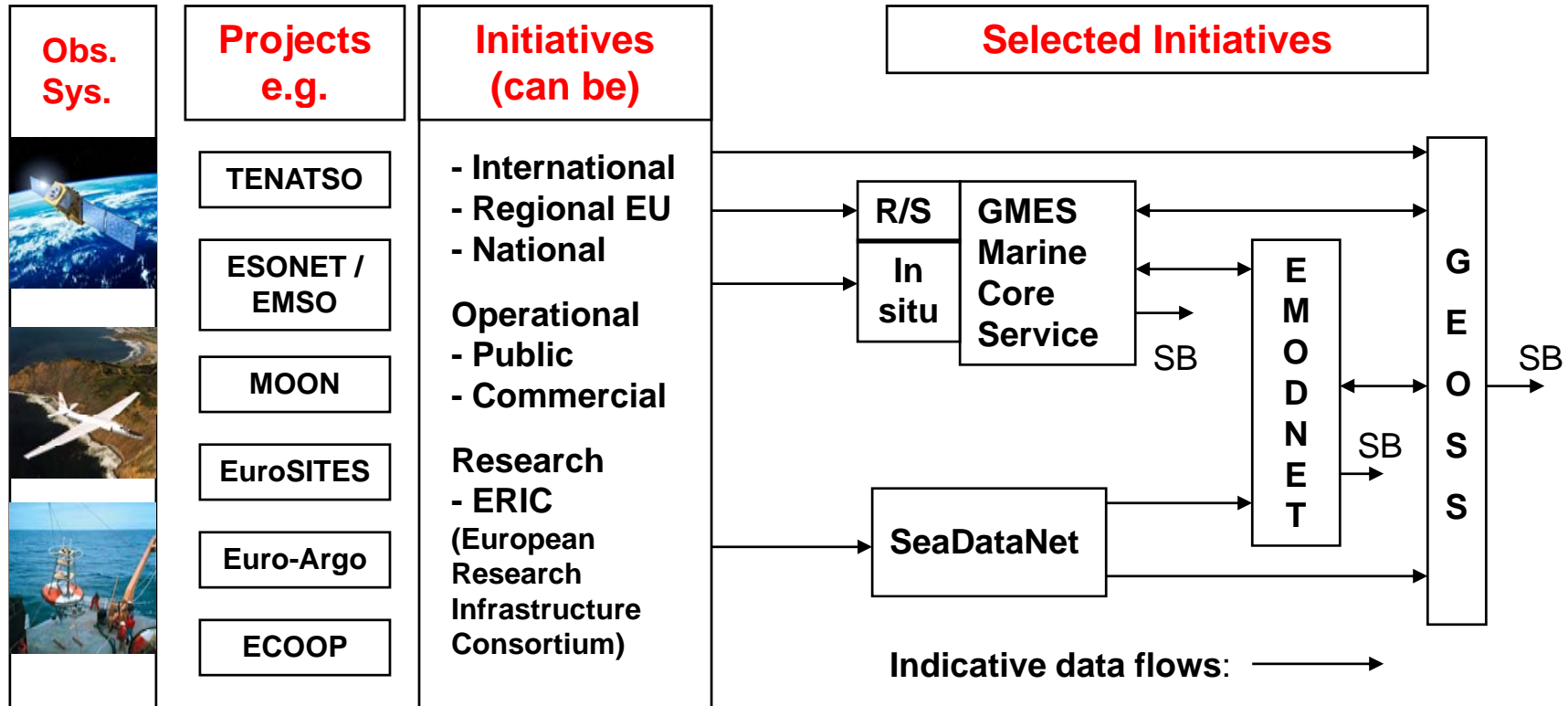
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Second Marine Board
Forum



Projects and Initiatives



Key question (for me):

Where does the funding come from to maintain existing systems and to implement the new sustained observing capacity that is required?

Key question (for me):

Can the full range of potential societal benefits (SB) be realised without agreement on the full and open exchange of data?

Funding Sources

- GMES to date - primarily supported at the EU level via the RTD Framework Programmes
- GMES future R/S - ESA has secured funding (with support from the EU) for the initial Sentinel missions
- GMES future in situ - the Commission will (most likely) request funding to support the in situ component of GMES for the 2014 – 2020 operational period
- GMES future in situ – National funding?
- EMODNET – will there be funding to support the observational capacity of EMODNET in the 2014-2020 Financial Perspectives?
- ERIC – the framework is in place, but where will the funding to construct and implement the research infrastructures come from: National budgets – at a time of severe financial constraints; FP8; Other sources?

Full and Open Exchange of Data

- EMODNET: see the recent Commission Communication on Marine Knowledge 2020 - “a smooth and seamless provision of marine data will involve: *the progressive alignment of data policies. **The ultimate aim is to provide free access without restriction of use.***”
- GMES Sentinels: ESA Members States have agreed to “**A free and open access data policy**”.
- GMES Data and Information Policy- selected Objectives:
 - promoting the use and sharing of GMES info. and data;
 - **full and open access to information produced by GMES** services and data collected through GMES infrastructure, subject to relevant international agreements, security restrictions and licensing conditions, including registration and acceptance of user licenses;
 - other caveats



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Full and Open Exchange of Data

GEOSS Data Sharing Principles

- There will be full and open exchange of data, metadata and products shared within GEOSS, recognizing relevant international instruments and national policies and legislation.
- All shared data, m&p, will be made available with minimum time delay and at minimum cost.
- All shared data, m&p, being free of charge or no more than cost of reproduction will be encouraged for research and education.



Full and Open Exchange of Data

Current **Draft** 2010 GEO Ministerial Summit Declaration

- *Noting with particular satisfaction* the GEOSS Data Sharing Implementation Guidelines and Action Plan
- *Commit to:*
 - (i) maximize the number of documented datasets made available on the basis of full and open access;
 - (ii) create the GEOSS Data Collection of Open Resources for Everyone, a distributed pool of documented datasets with full, open and unrestricted access at no more than the cost of reproduction and distribution; and
 - (iii) develop flexible national and international policy frameworks to ensure that a more open data environment is implemented, thus putting into practice actions for the implementation of the GEOSS Data Sharing Principles;

Full and Open Exchange of Data

So movement towards the full and open exchange of data is encouraging,

But much remains to be done!