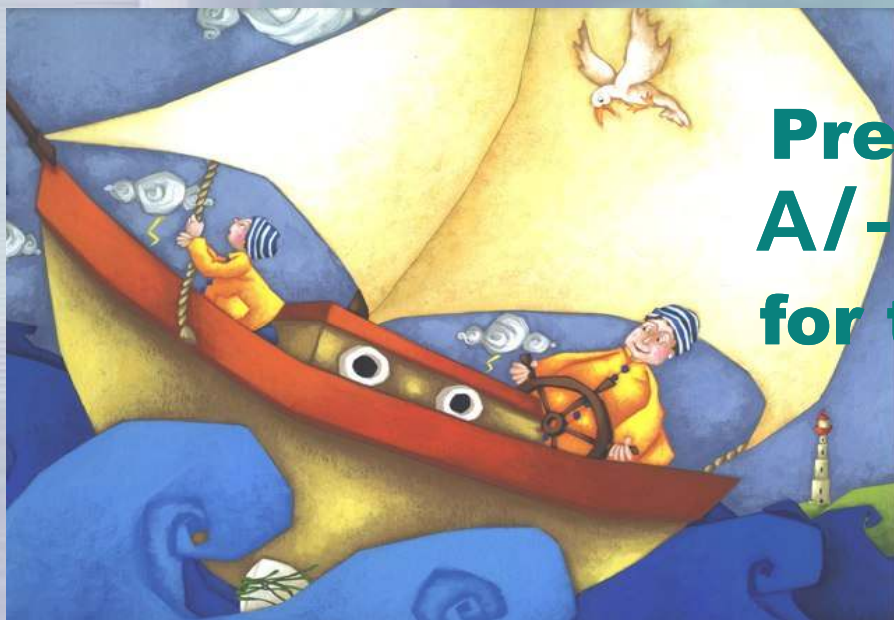


Submitted to the ENPI MED-CBC programme



**Presenting the
A/-Ba/hri proposal
for the Mediterranean**

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Policy for the North

Policy for the South

- **A common maritime policy for the Mediterranean**

Is it possible?...Do we need it?...

Adopting the EU maritime policy as a model...not as a template... set it up as a starting point for convergence



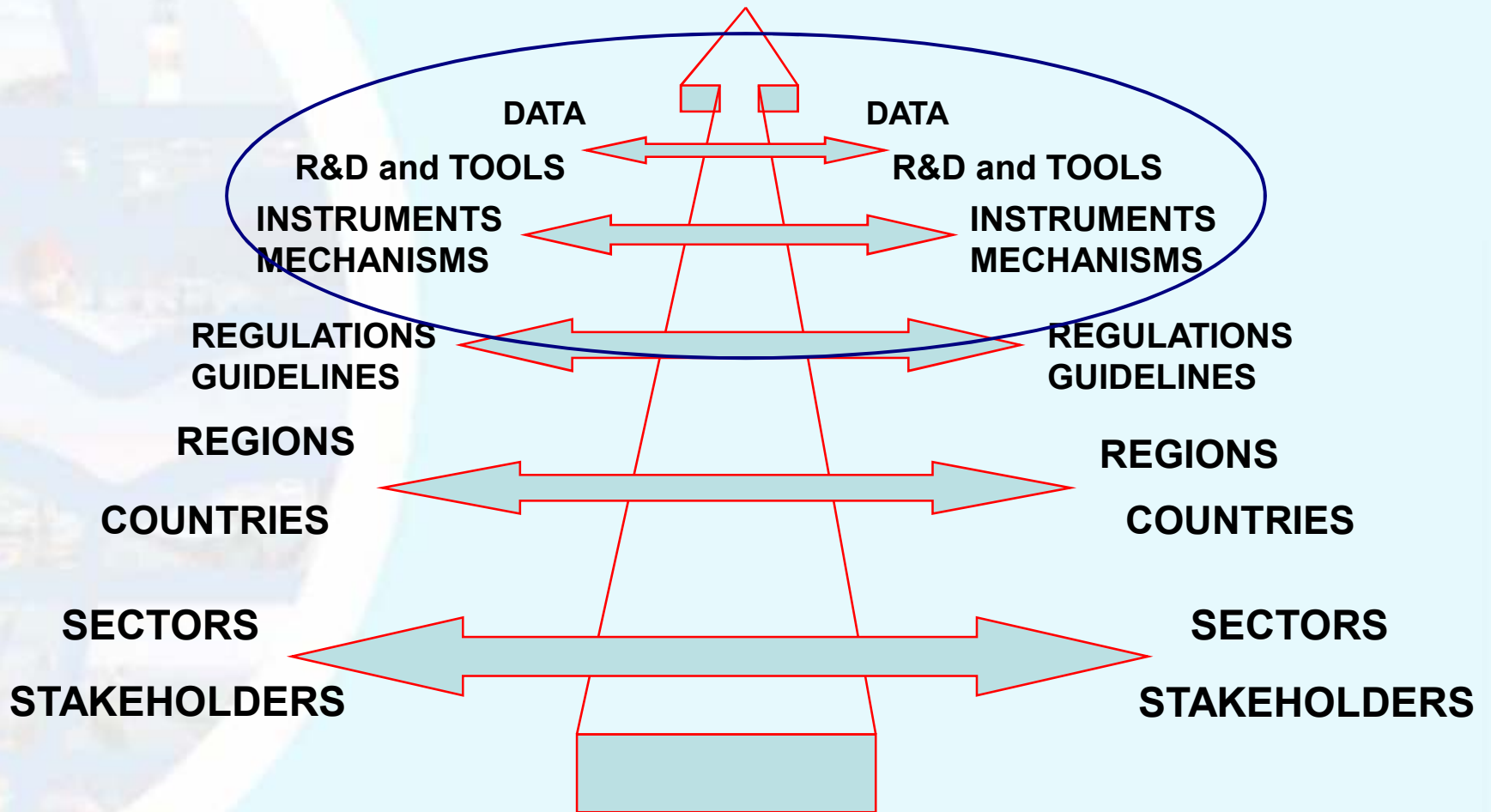


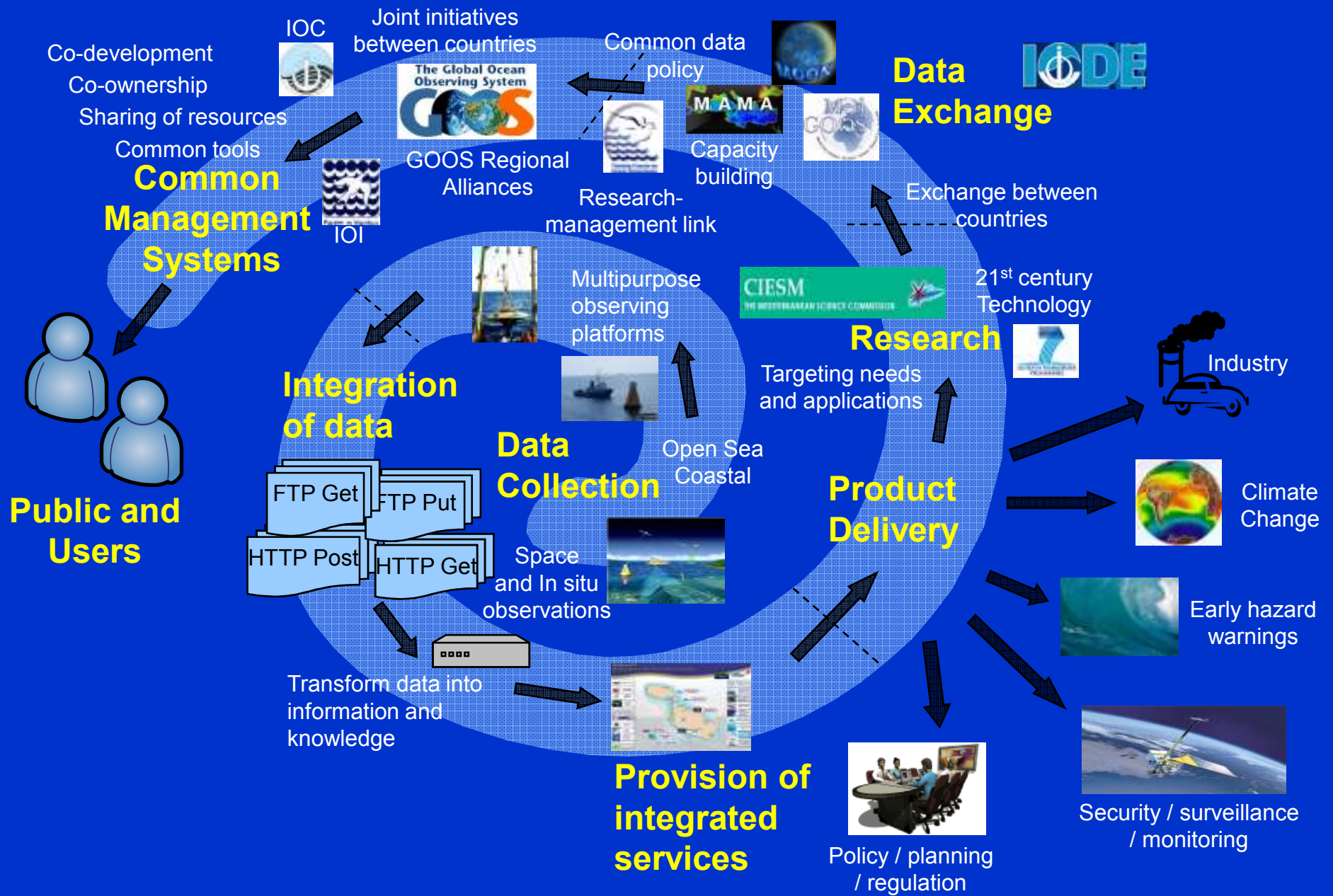
Common shared policy for the Mediterranean

The co-management approach..... Idea of an indivisible sea....common good and asset.....sharing of responsibilities and challenges...exploit common targets and concerns...adopt common tools, methods, approach.....share experiences....join forces to tackle challenges together



Common shared maritime policy





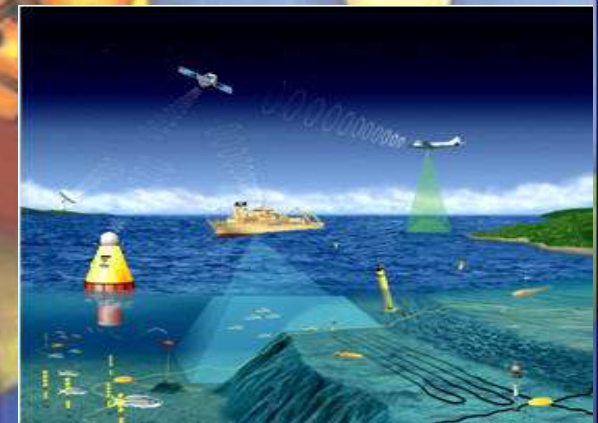
Project proposal by MedGOOS and MOON

A/-BAhRI

Promoting an **ALL-emBracing Approach** for a common **maRI**time policy in the Mediterranean

PROJECT CONCEPT

Builds on the EU IMP as a basis, targets the various marine strategy and framework directives of the EU, and provides concrete actions towards the effective engagement of Mediterranean countries to pursue a common science-based management of the sea through the use of operational oceanography and derived applications, products and services.



Project proposal by MedGOOS and MOON

A/-BAhRI



Promoting an **ALL-emBracing Approach** for a **common maRItime** policy in the Mediterranean

PARTNERS

10 marine institutes from EU Mediterranean countries (**Italy(4)**, **Greece(2)**, **Spain(2)**, **Malta(1)** and **Cyprus(1)**) constituting together a science and technology force in ocean observations and forecasting,

to the benefit of 5 partners from non-EU countries (**Tunisia(3)**, **Egypt(1)**, **Lebanon(1)** and **Israel(1)**)

Morocco, Syria, Turkey and Algeria are expected to join in a second phase of the project



Project proposal by MedGOOS and MOON

A/-BAhRI

Promoting an **ALL-emBracing Approach** for a common **maRI**time policy in the Mediterranean

PROJECT BUILDING BLOCKS

⇒ the Mediterranean excellence in operational oceanography and the European capacity, experience and leadership in maritime research

⇒ the example set by the EU integrated and comprehensive maritime policy for the European seas

⇒ addresses the vision recently expounded by the EU for an Integrated Maritime Policy in the Mediterranean (http://ec.europa.eu/maritimeaffairs/Mediterranean_en.html)



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THREE PILLARS OF THE PROPOSAL

- Support a science-based management approach through the use of operational oceanography dedicated services, applications and tools
- Capacity building to empower the region with an improved capacity and know-how in operational oceanography;
- Raise awareness on benefits of applying a common management approach.... promote favourable conditions for a holistic approach in maritime affairs....and qualify the benefits deriving from operational oceanography

The overall concept is that countries can only embrace common environmental principles and follow common targets through the use of shared technologies and tools.



Project proposal by MedGOOS and MOON

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Promoting an **ALL-emBracing Approach** for a common **maRI**time policy in the Mediterranean



KEY ACTIONS

No research but base on doable actions

⇒ **exchange of concepts, know-how and practices** between the riparian countries

⇒ the setting up of **dedicated components of observing and forecasting systems** in key spots as demonstrators

⇒ the **sharing of tools, methods and products** especially those deriving from operational oceanography and the related support services

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PROPOSED WORKPACKAGES

WP2 Supporting the common science-based management approach

Utilize state-of-the-art operational oceanography products to develop applications for management of marine environment and its resources

WP3 Implementing Elements of the EU Integrated Maritime Policy

Contribute to implement elements of EMODNet and support the Atlas of the Sea through the involvement of the non-EU countries

WP4 Capacity building and Technology transfer

Address the transnational pooling of scientific and technological resources through the sharing of experiences and the transfer of expertise, and provide for operational oceanography activities implemented in the non-EU countries.

WP5 Promotion & Awareness

Trigger local awareness and build the momentum towards long term commitments by stakeholders and governments to support a shared common management approach based on science and data



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PROPOSED WORKPACKAGES

- WP2 SUPPORTING THE COMMON SCIENCE-BASED MANAGEMENT APPROACH

Building a common ground across countries; promoting the use and sharing of scientific capacity, knowledge and data for the co-management of marine resources; sharing of tools for management and policy development; identifying those elements of the EU IMP that can be shared on a regional basis; synergy and common targets by sharing tools and addressing common challenges

Share the marine core service with the Mediterranean countries

Involve also the non-scientific partners (NGOs, stakeholders, environmental managers and policy makers)



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WP2 (Cont.)

Task 2.1 Applying operational oceanography in the Mediterranean capitalise on the use of the GMES European Marine Core Service (MCS) to demonstrate how it can serve and benefit a number of users in the Mediterranean; the applications will have a Mediterranean-wide scope and target both EU and non-EU users with common applications, as well as serve to extend and share applications with specific product/service delivery addressing needs in the non-EU Mediterranean states.

- Visualization of MCS products and other MOON operational oceanographic products;
- Environmental quality indices from operational oceanographic products
- Support fisheries management by assessing recent trends in physical and biochemical parameters related to fish habitats
- Maritime Safety: Waves and Object Drift forecasting
- Assessment of tsunami hazards using the GEOCLAW tsunami propagation model
- Sediment transport hazard mapping



Al-Bahri

WP2 (Cont.)

Task 2.2 Al-Bahri International Workshops

Workshop 1 – A common science-based management approach for the Mediterranean..... serving as a vehicle to make the EU model for a holistic maritime policy better known in the region, to identify the extent to which it applies in other parts of the Mediterranean, to identify synergies with policy structures existing in other countries and to articulate the research-management links upon which ocean governance and management should be tackled.

Workshop 2 – Operational oceanography at the service of environmental management and policy making..... assessing developments in Europe, implications for the Mediterranean region, and achievements on a Mediterranean scale including those deriving from Al-Bahri. The main focus will be to link science to management and targeting to disseminate the use of services and tools to decision makers and environmental managers in the use of products from operational oceanography especially in coastal applications.



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PROPOSED WORKPACKAGES

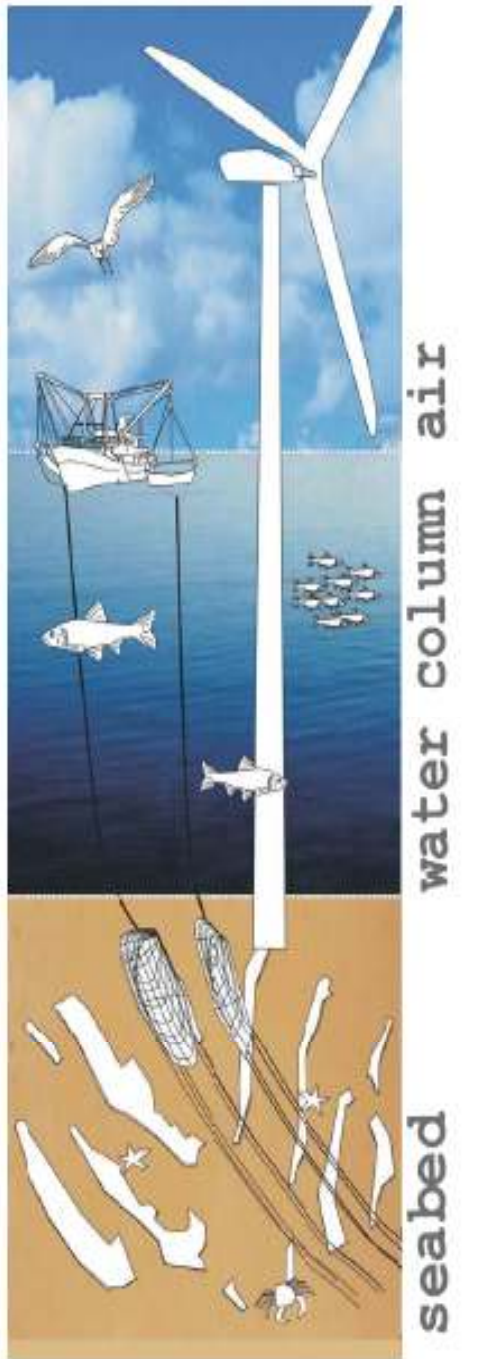
WP3 IMPLEMENTING ELEMENTS OF THE EU BLUE BOOK

facilitate the involvement of non-EU countries

-internationalise the **EU maritime policy** in the Mediterranean by promoting synergies amongst experts, environmental managers, decision makers and authorities from all the coastal states;

-support and **widen the achievement of set targets/deliverables in the Blue Book** through the implementation of supportive activities in collaboration and with the participation of the non-EU Mediterranean countries (Contribute to elements of EMODNet; support the Atlas of the Sea)





Aldo Drago, MedGOOS Exec. Sec.

A/ -BA hRI

WP3 (Cont.)

Task 3.1.1 Data management review in the Mediterranean
To identify and assess the existing marine data management methods, procedures and tools (DM practices) by the partner Mediterranean countries with the ultimate goal of preparing a comprehensive overview on the existing DM infrastructure, including the proposals on their development according to regional and local needs.

Task 3.1.2 Interoperability and data management
assist non-EU countries in developing their DM systems to match SEADATANET standards, INSPIRE rules, and apply accepted DM practices description format - specificity of the DM schemes, QC, dictionaries and codes, formats, software etc



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WP3 (Cont.)

Task 3.2 Mediterranean Atlas

develop the Atlas within a dynamic web-based GIS system, as a means of collating diverse data types and formats, and providing interactive access to interested public, scientists and end users, who will be able to search, view, manipulate and download data for their specific application, particularly those in connection with marine spatial planning.



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PROPOSED WORKPACKAGES

WP4 CAPACITY BUILDING AND TECHNOLOGY TRANSFER

Task 4.1 Training-on-the-job experiences through exchange of

This task proposes a scheme of visiting S&T personnel amongst project partners in the project consortium. The aim is three-fold:

- (i) to exchange knowhow,
- (ii) undertake joint activities within the project targets, and
- (iii) train and transfer expertise within the network.

This activity will provide opportunities to exchange of experiences within the partnership, maximizing efforts through shared activities, and providing hands-on training for all the partner Mediterranean countries.



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WP4 (Cont.)

Task 4.2 Pilot Demonstration Projects

constitutes the backbone of the capacity building activities in the project.....most effective and innovative way of technology transfer by training personnel through their direct involvement in the implementation of a number of pilot demonstration projects in the countries of the trainees. These demonstration projects will be done at targeted sites principally in non-EU states and will be implemented through joint activities on a bi-lateral or multi-lateral collaboration between EU and non-EU partners.

8 EU partners will be engaged to furnish their expertise

Implementations in Gulf of Gabes, Gulf of Tunis, Gulf of Hammamet, Egyptian coastal waters, shelf area of Lebanon



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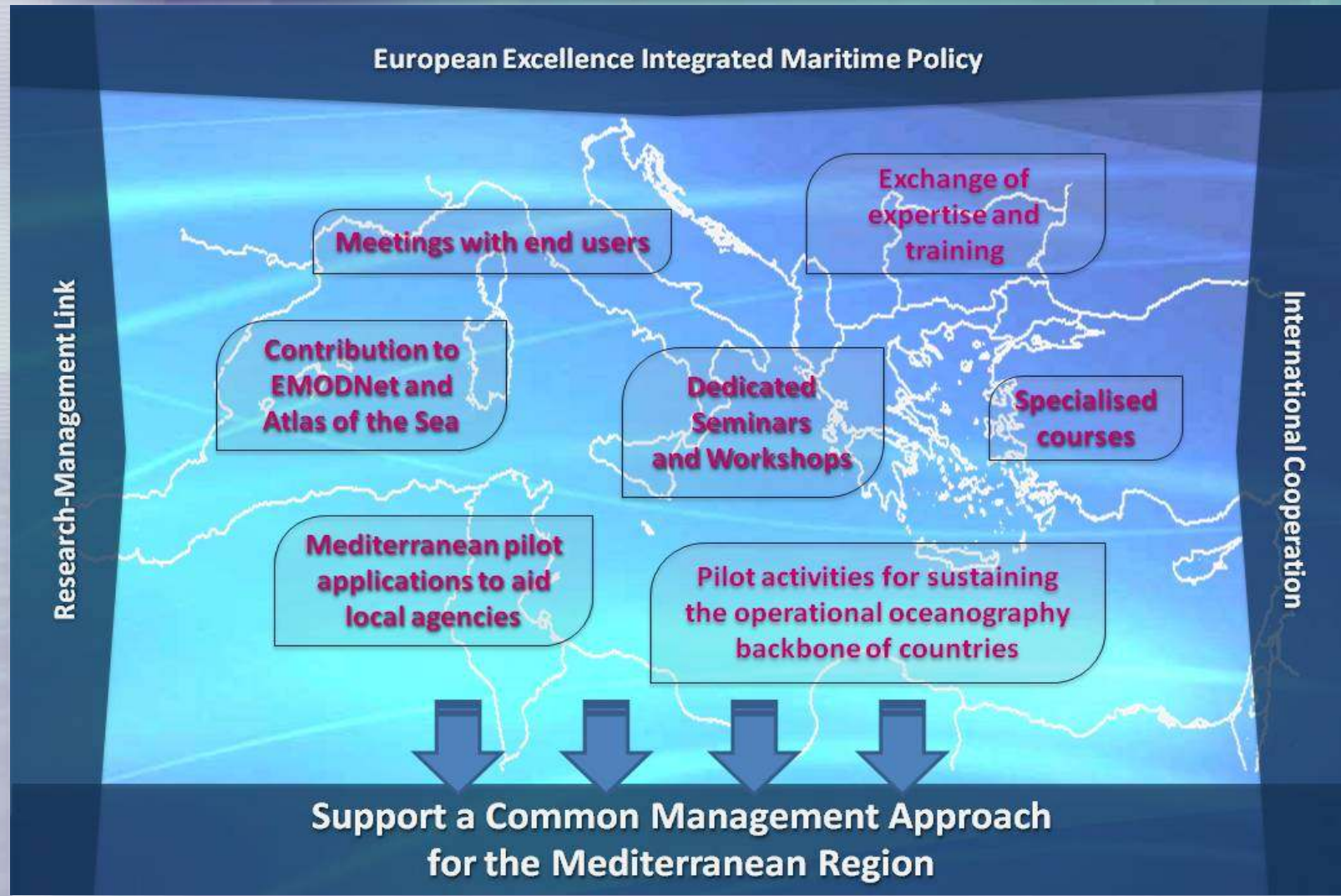
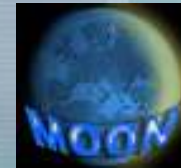


WP5 PROMOTION & AWARENESS

organise national meetings to promote the wide dissemination of concepts, ideas, tools and methodologies to target end users especially from the public service domain to:

- (i) **Showcase the benefits of operational oceanography** especially in providing the basis for achieving the goals of healthy marine environmental status, common tools to engage in sound policy and governance, pre-empt against marine hazards, improved and more efficient marine operations, and support maritime activities and industries.
- (ii) **Promote the common science-based management approach** especially to engage stakeholder participation and the implementation of a cross-sectoral, holistic and ecosystem-based approach on the model of the EU Integrated Maritime Policy; promote the research-management-policy link





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EXPECTED RESULTS

.....enhance the capabilities of the Mediterranean states to address the needs and inter-sectoral approach for achieving sustainable development based on the common science-based management concept

.....builds on past and ongoing activities, and existing assets, utilising links with centres of excellence in Europe to strengthen the mission towards implementing sustainability and sound policy implementation on the basis of evidence-based actions

.....networking, exchange of personnel, internships, workshops and training courses aimed towards improving the organisational, technological and human resource capability for environmental management by promoting the approach of science to public policy needs

.....the adoption of specialised tools such as web-services and geo-spatial planning aids using GIS environments

.....the exchange and integration of multiple data sources, and the application of monitoring and assessment systems to secure a shared, information-based and structured management approach in the region.

