



MEIP – Progress Report to the MACHC

To update MACHC Members on MEIP WG Progress

1. Maritime Economic Infrastructure – General Overview

**Regular MEIP
Teleconferences
have taken place**

The MEIP WG has been meeting on a regular basis including active engagement from industry. Demonstrator models are live to invoke discussions on the suitability and use of the tools to support marine spatial planning. Governance for the working group has been put in place through agreed Terms of Reference, Rules and Procedures and documentation is hosted and available on the MACHC website at http://www.iho-machc.org/documents/meip_doc.html.

**Attendance is
regular**

A regular group of participants attend. An aim of the working group is to gain greater attendance from Member States throughout the MACHC region. Attendees have included; IHB, Brazil, France, Mexico, Netherlands UK and USA, and industry attendance from Caris, ESRI, Fugro Oceanwise and Pelydryn. The group acknowledges that the breadth of attendance from the regional countries has not been as deep as would be desired and is something which could be improved.

2. Demonstrator Model Progress

**The demonstrators
have proven suitable
technology**

The demonstrator models provided by Caris and ESRI have shown to the working group that the technology is available for a portal for maritime geospatial information. Both representatives are to be commended for making their solutions available and providing assistance and support to the working group in their use.

**More information
about costs is
required**

Mexico has proposed to the group that Caris and ESRI provide a practical demonstration and produce a cost analysis for their solutions, in order for members to better understand system capabilities and costs. This is proposed for the MEIP working group at MACHC. Cost is an important enabling factor. Industry proof of concept demonstrations will elaborate on this matter during

the meeting at the MACHC in St Maarten.

3. Maritime Funding Progress

Maritime Funding meeting held bringing stakeholders together	In February 2013, The Maritime Alliance coordinated a maritime funding seminar in Washington DC. This brought together IHB, hydrographers, development/aid organizations and organizations with projects planned that could realize benefits from improved hydrography. The Organisation of Eastern Caribbean States (OECS) was identified as a good fit for a target project with significant regional benefits.
IHO Director attended funding meetings in North America	At a meeting with donor funding providers in Washington DC in April 2013, Mustafa Iptes gave a summary on the work of the IHO, and has acknowledged the importance of engagement with World Bank representation. This also underpins the 2013 World Hydrography Day theme of "The Blue Economy".
MACHC Chair is inviting regional organizations to the MACHC to share expertise in gaining donor funding	MACHC chair is engaging with regional governmental and non-governmental organizations such as the WWF who achieve funding from the World Bank to establish common ground and to identify projects with a hydrographic requirement. Hydrography is of regional importance, as MACHC countries are often island based, with development goals and scarce resources. In their letters of invitation, these organizations have been asked to make the link between the mandate of their organizations and the mandate of the MACHC and IHO.

4. Other IHO Initiatives and how they interlink

It is important that IHO initiatives share progress and expertise	Two implementations of MSDI include: The Antarctic GIS Database (http://www.iho.int/mtg_docs/rhc/HCA/HCA_Misc/Antarctic_GIS/Antarctic_GIS.htm) and Baltic Sea Hydrographic Commission MSDI https://helcomresurvey.sjofartsverket.se/helcomresurveysite/ The MEIP WG needs to seek guidance from the IHO MSDI WG to ensure that expertise is shared and to avoid duplication of effort. To this end, MEIP-WG should attend the next IHO MSDI WG meeting to highlight the work of the MEIP WG and discuss how best to proceed without working in isolation.
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5. Challenges

A number of challenges need to	1. Currently the MEIP-WG has NO funding sources to take the "proof of concept" to a mature solution.
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**be addressed to
move forward**

2. MS have little resources to devote to the MEIP development outside the “day job”.
3. Governance of the system and data is fundamental to the sustainability of the MEIP. This requires some coordination and assistance in order to establish how the MEIP is organized. This assistance could be found through closer alignment with the IHO MSDI WG.
4. The region’s member states seem to have national spatial data portals in various states of maturity. There is an opportunity to bring these data together to avoid duplication and display the “bigger regional picture” as it relates to hydrography. The challenge is doing so without compromising national policies on data release and intellectual property.

6. Summary

Where we are	<ol style="list-style-type: none">1. The technology has been proven2. Some data has been made available3. Good support from industry and active MS
Implementation needs	<ol style="list-style-type: none">1. Funding through a sustainable solution2. A robust business case, formalising the requirement3. Further development of governance
Burden sharing	<p>In order to take this effort, it is firstly essential to consider similar work streams, to:</p> <ol style="list-style-type: none">1. Avoid duplication/working in isolation2. Collaborate through burden sharing

7. Next steps

**Actions,
recommendations
and next steps**

- The MEIP recommends the MS consider the following:
1. Through recently distributed questionnaire, articulate requirements and resources available to commit to MEIP for 2014.
 2. The value in engaging with IHO MSDI WG to take MEIP effort forward.
 3. In conjunction with 2 above, MEIP attends the next IHO MSDI WG (Feb 2014), providing an update to the group to ensure this work is not done in isolation and has the IHB overview.
 4. Review and feedback comments to this report
 5. Dependent on the outcomes of the questionnaire and the approach to MSDI WG, a business case and requirements document is produced and reviewed by MS through MACHC chair.

MEIP WG Participants

Brazil

France

Mexico

Netherlands

United Kingdom

United States

IHB (International Hydrographic Bureau)

Caris

ESRI

Fugro

Pelydryn

Oceanwise