

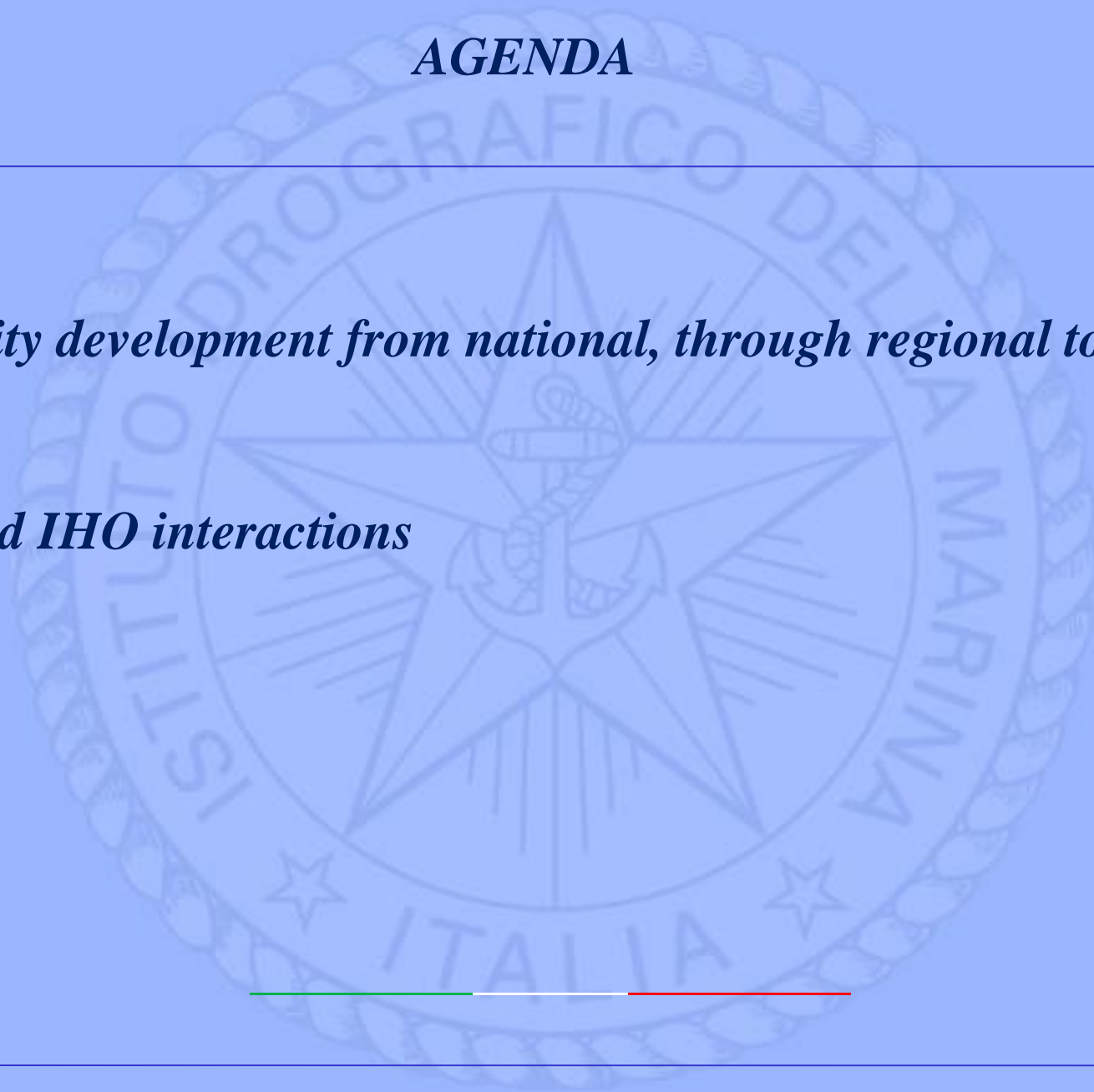


***MSDI, capacity development and the
Mediterranean and Black Sea
Hydrographic Commission***

1st WG_MGI, Busan, 8th March 2019

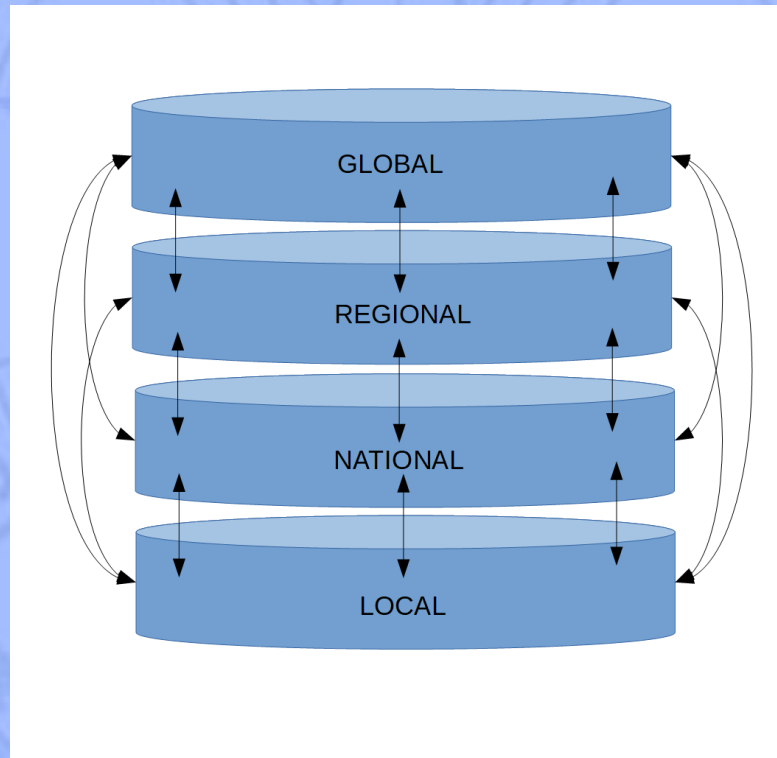
AGENDA

- Capacity development from national, through regional to global level***
- UN and IHO interactions***



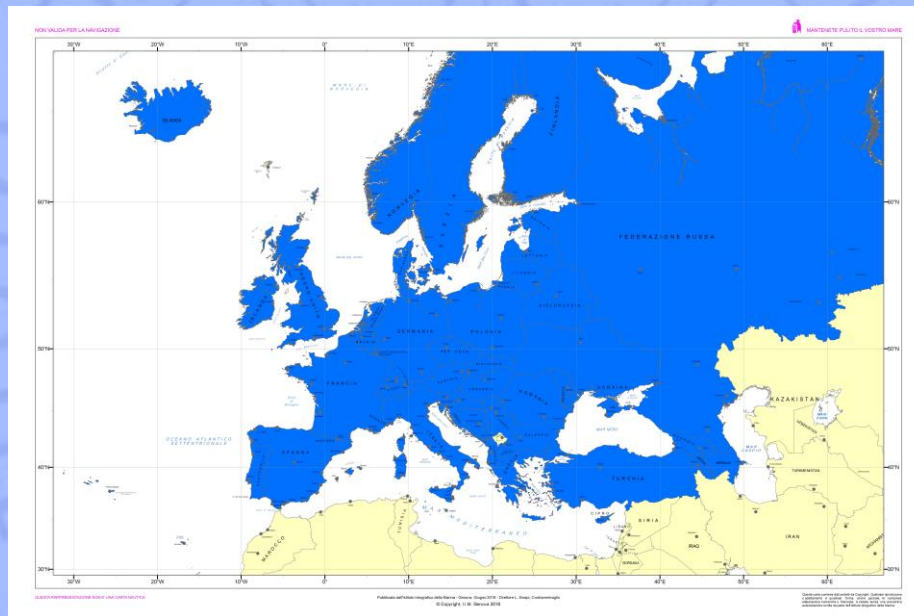
ANALYSIS CRITERIA

*REGIONAL LEVEL CAN BE THE BRIDGE BETWEEN
NATIONS AND GLOBAL CHALLENGES*



ANALYSIS CRITERIA

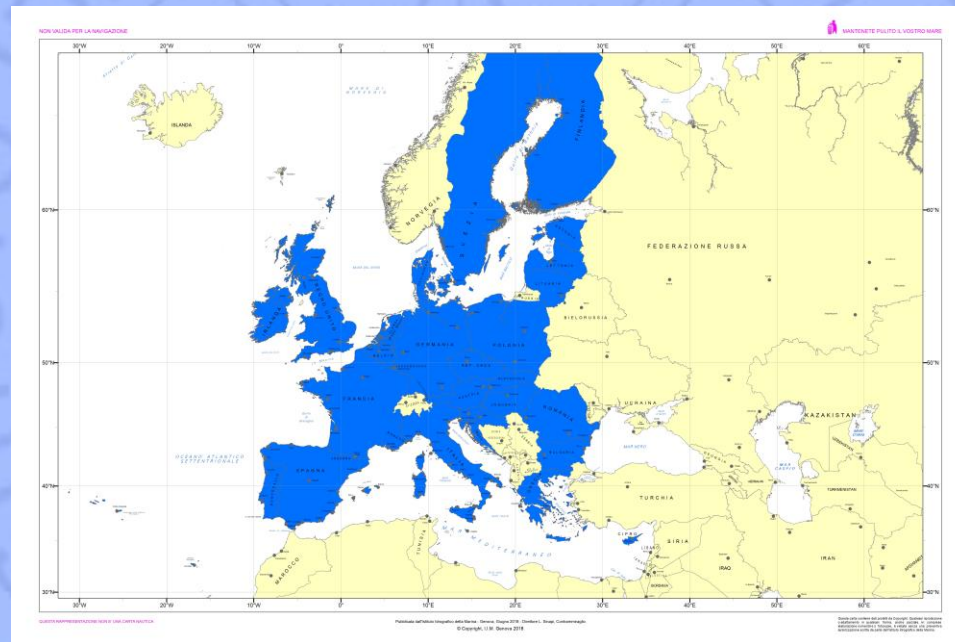
WHAT (AND WHERE...) IS THE REGIONAL LEVEL?



UN GGIM Europe

ANALYSIS CRITERIA

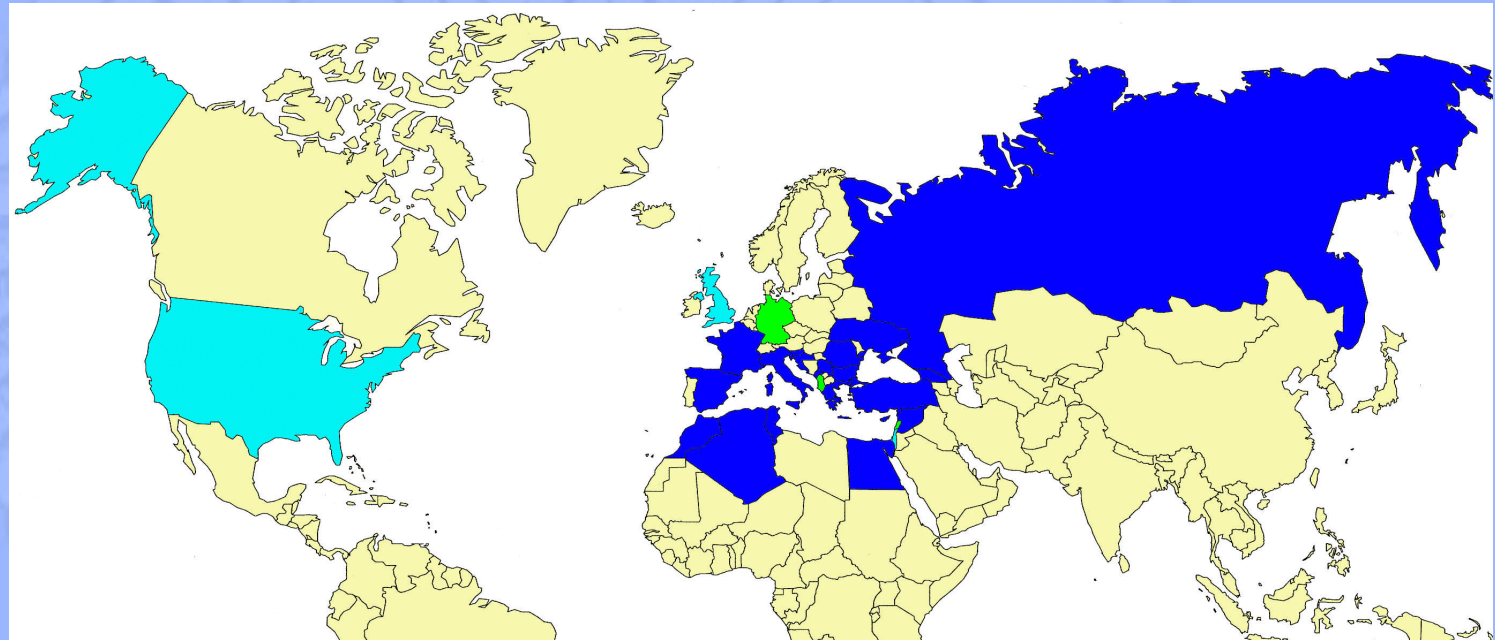
WHAT (AND WHERE...) IS THE REGIONAL LEVEL?



European Union

ANALYSIS CRITERIA

WHAT (AND WHERE...) IS THE REGIONAL LEVEL?



IHO Mediterranean and Black Sea Hydrographic Commission

FROM NATIONAL TO REGIONAL

Building A New National Hydrographic Service: The Italian-Lebanese Collaboration (2018 FIG working week, paper 9373)

1- Based upon the publication IHO M2 – The Need for National Hydrographic Services (role of IHO inputs)

1- Long term (six years outlook, now extended to 9)

*2- Training: performed into the IHO/FIG/ICA STANDARD OF COMPETENCE
FRAMEWORK*

Building A New National Hydrographic Service: The Italian-Lebanese Collaboration

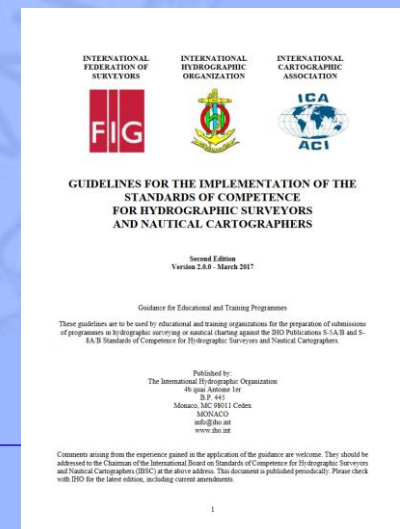
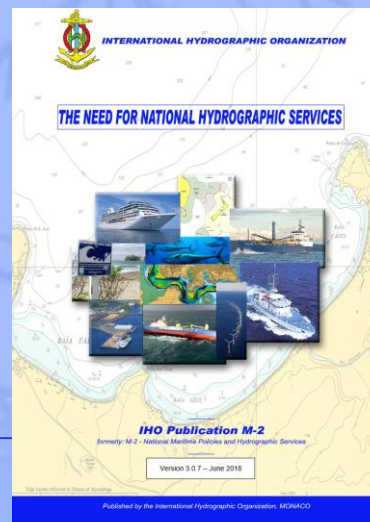
Lamberto Orlando LAMBERTI and Nicola Marco PIZZEGHELLO (Italy),
Afif GHAITH, Elie el JBEILY and Christian FAHED (Lebanon)

Key words: Capacity Building, Blue Growth, International Collaboration, Hydrography.

SUMMARY

The International Hydrographic Organization (IHO) defines Hydrography as the description of the physical features of the water portion of the earth's surface, connected with the "blue growth" and all marine activities.

The importance of the marine sector will mount in Lebanon over the next decades. Institutions will be the critical enablers in order to achieve sustainable marine management. Hence, the need to strengthen the marine base knowledge, skills and capacities of individuals and organizations is becoming a priority.



FROM NATIONAL TO REGIONAL

3 - Strong link with the national level

4 - National Geodetic Reference Frame (land and marine together) to link land and marine communities (link with SubCommittee on Geodesy activities)



NATIONAL TO REGIONAL TO GLOBAL (IHO)

1- Lebanon Associate member of the IHO Regional Commission (MBSHC)

2- Following the 2014 technical visit in Lebanon, in May 2019 IHO will perform a technical visit in Lebanon into Capacity Building framework

REGIONAL LEVEL (IHO)

IHO MSDI regional questionnaire and report into regional ambassador role



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Genoa, 12 November 2018

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MBSHC LETTER N° 09/2018

Object: Marine Spatial Data Infrastructure (MSDI).

Reference: MBSHC Letter 04/2018 dated 3 May

Dear Colleagues,

a questionnaire on the status of MSDI in the Mediterranean and Black Sea Region was sent with the Letter in reference.

The feedback was evaluated and summarized by Cdr. Pizzeghello – MBSHC Ambassador to MSDI WG, and a Report was produced (see the enclosed document) to take into consideration the different points of view on MSDI within the Region.

As stated in the IHO Strategic Plan, to “improve global coverage, availability and quality of hydrographic data, information, products and services and to facilitate access to such data, information, products and services” represents one of the objects of the International Hydrographic Organization. Therefore, the development of MSDI at national, regional and global level is one of the ways to obtain such object through a step by step procedure.

The enclosed Report could be considered the first step to increase the MSDI awareness to move towards a common MSDI within the Region.

Kind regards,

Rear Adm. Luigi SINAPI
Director of the Istituto Idrografico della Marina

MBSHC Chairman

QUESTIONNAIRE ABOUT THE STATUS UPDATE OF MARINE SPATIAL DATA INFRASTRUCTURE IMPLEMENTATION

Background

During the 20th meeting of the Mediterranean and Black Sea Hydrographic Commission (MBSHC), it was decided that Italy should represent MBSHC into the [Marine Spatial Data Infrastructure Working Group](#) (MSDIWG) through an ambassador.

During the last MSDI WG meeting, held in Niteroi in January 2018, the Group discussed a possible way to connect the MSDI (Marine Spatial Data Infrastructure) national level to the MSDI global level through the regional level, which is represented into the IHO government structure by the Regional Hydrographic Commissions (RHCs).

Version 2.0 of the IHO publication [C-17, Spatial Data Infrastructures "The Marine Dimension" – Guidance For Hydrographic Offices](#), was adopted by the [IHO CL 16/2018](#). The publication contains the guidelines to develop MSDI within the national hydrographic bodies.

Further documents, within the national spatial data infrastructure, can be found at a global level in the United Nation Global Geospatial Information Managements (UN GGIM) website (<http://ggim.un.org/>). This year the eighth session of the Committee of Experts of UN GGIM approved the Overarching Strategic Framework of the Integrated Geospatial Information Framework, which can be found, together with the other meeting documents, at the following link:

<http://ggim.un.org/meetings/GGIM-committee/8th-Session/documents/>

This year the UN GGIM [Working Group on Marine Geospatial Information](#) (UN GGIM MGIWG) has started to work. The next MSDI WG meeting will be held in Korea next March, immediately before the first meeting of the UN GGIM MGIWG. It will be a good opportunity to participate to both face to face meetings of the two working groups.

FROM NATIONAL TO REGIONAL (UN GGIM)

1- Strong link with HOD (member of Executive Committee of UN GGIM Europe)

2- 5th Plenary Meeting of the European Region of the United Nations Committee of Experts on Global Geospatial Information Management

3- 8th session of the United Nations Committee of Experts on Global Geospatial Information Management

REGIONAL LEVEL

Future :

- Extend the outcomes to UN GGIM Europe***
- Extend the outcomes to IHO MBSHC***
- Link WG_MGI UN GGIM with IHO MBSHC (into MSDI ambassador role and into WG_MGI member role)***

