

MEDITERRANEAN AND BLACK SEA HYDROGRAPHIC COMMISSION

MSDI Report

MBSHC23-06.8 MSDI AMBASSADOR

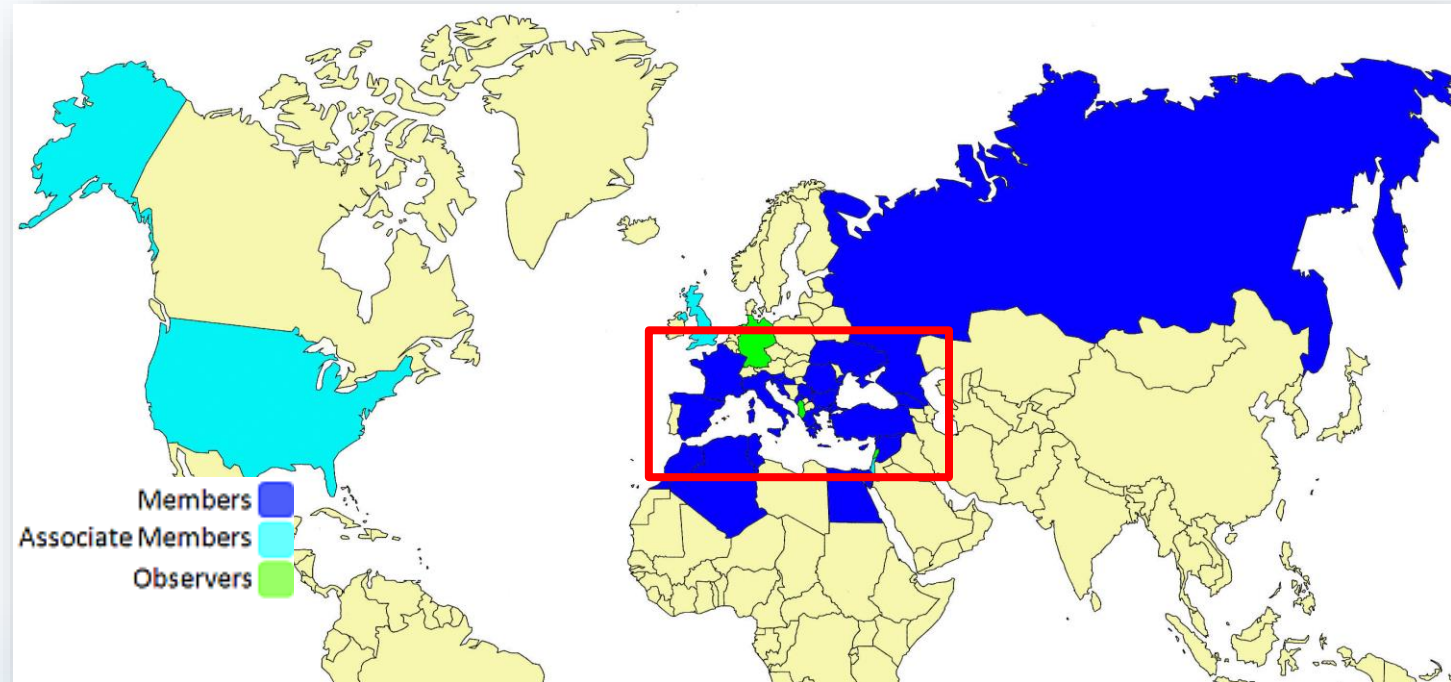


Introduction

MSDI Ambassador of MBSHC → Italy (POC: nicolam.pizzeghello@marina.difesa.it)

REGIONAL PRE-CONDITION:

- Countries peculiarities
- Geography of the basin



RHC MSDI Ambassadors

- MSDI as a RHC agenda item
- Promote MSDI and to cooperate with MSs to prepare the national reports with respect to the status of MSDI (mailing list)
- The report should incorporate the status of MSDI, plans for involvement in MSDI and challenges facing the HO



References

C-17 v.2.0

- Spatial Data Infrastructures «The Marine Dimension» Guidance for Hydrographic offices (IHO CL 16/2018)

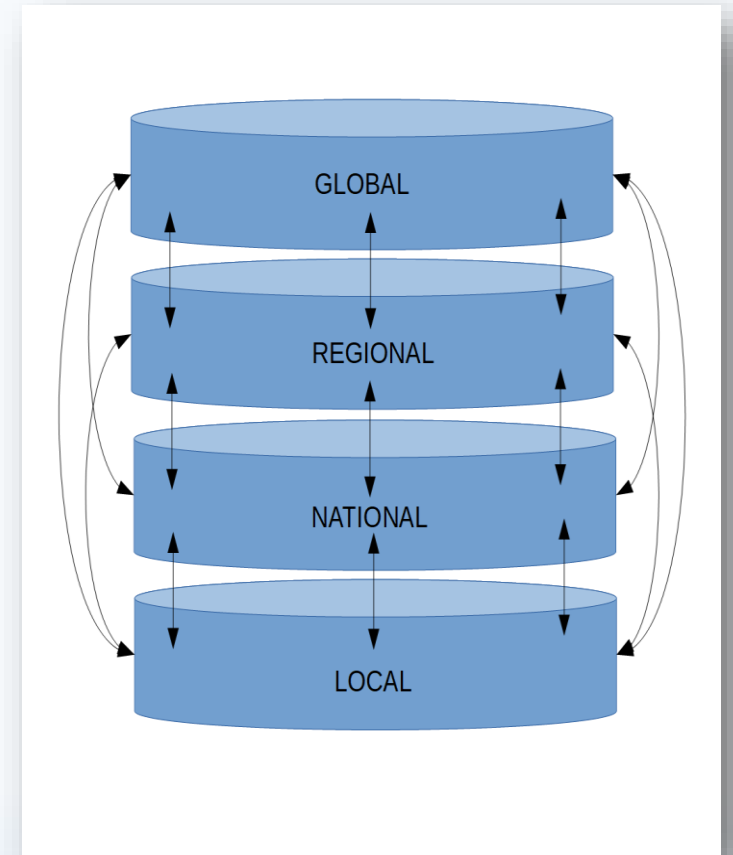
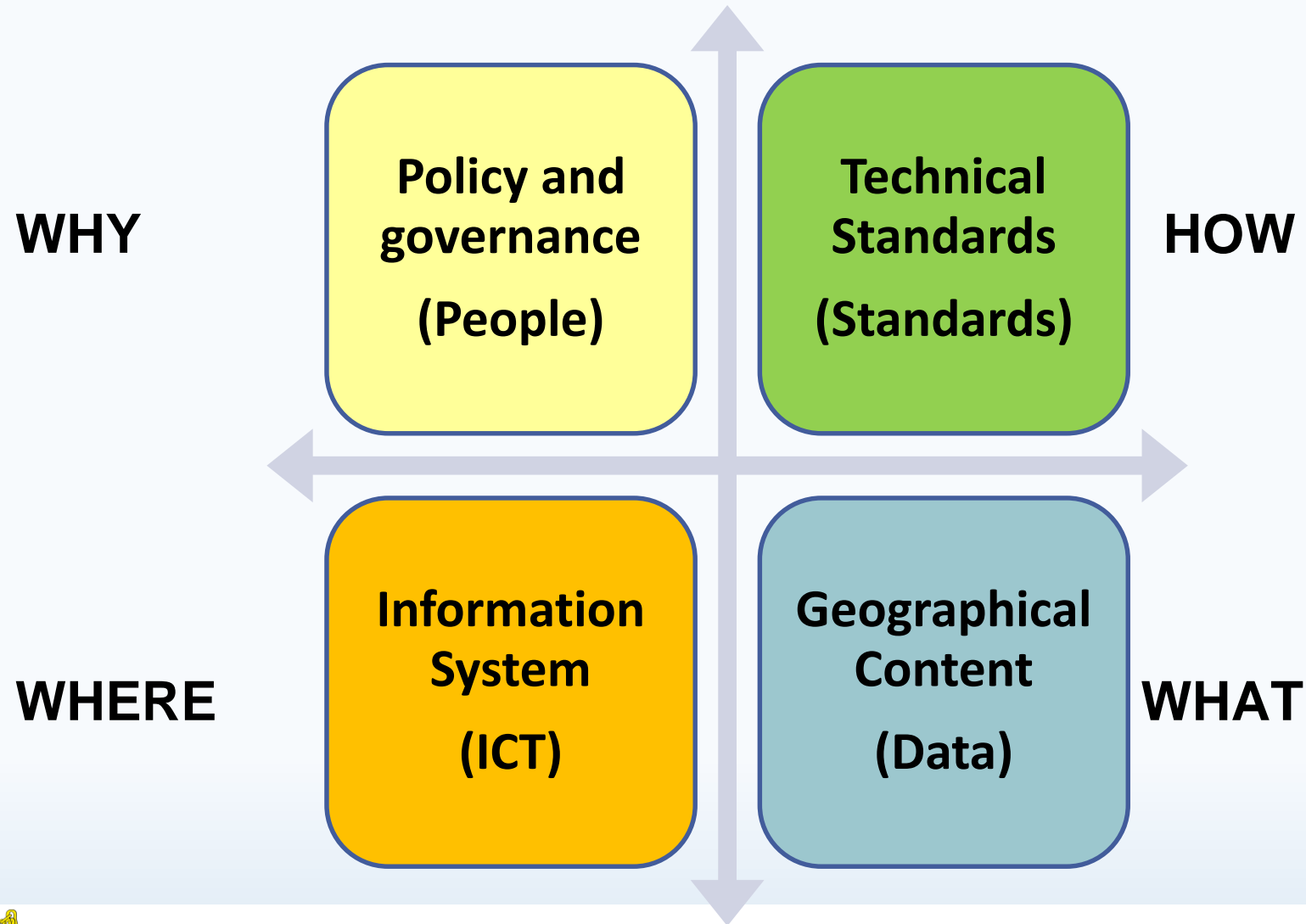
MSDI Body of knowledge

IGIF

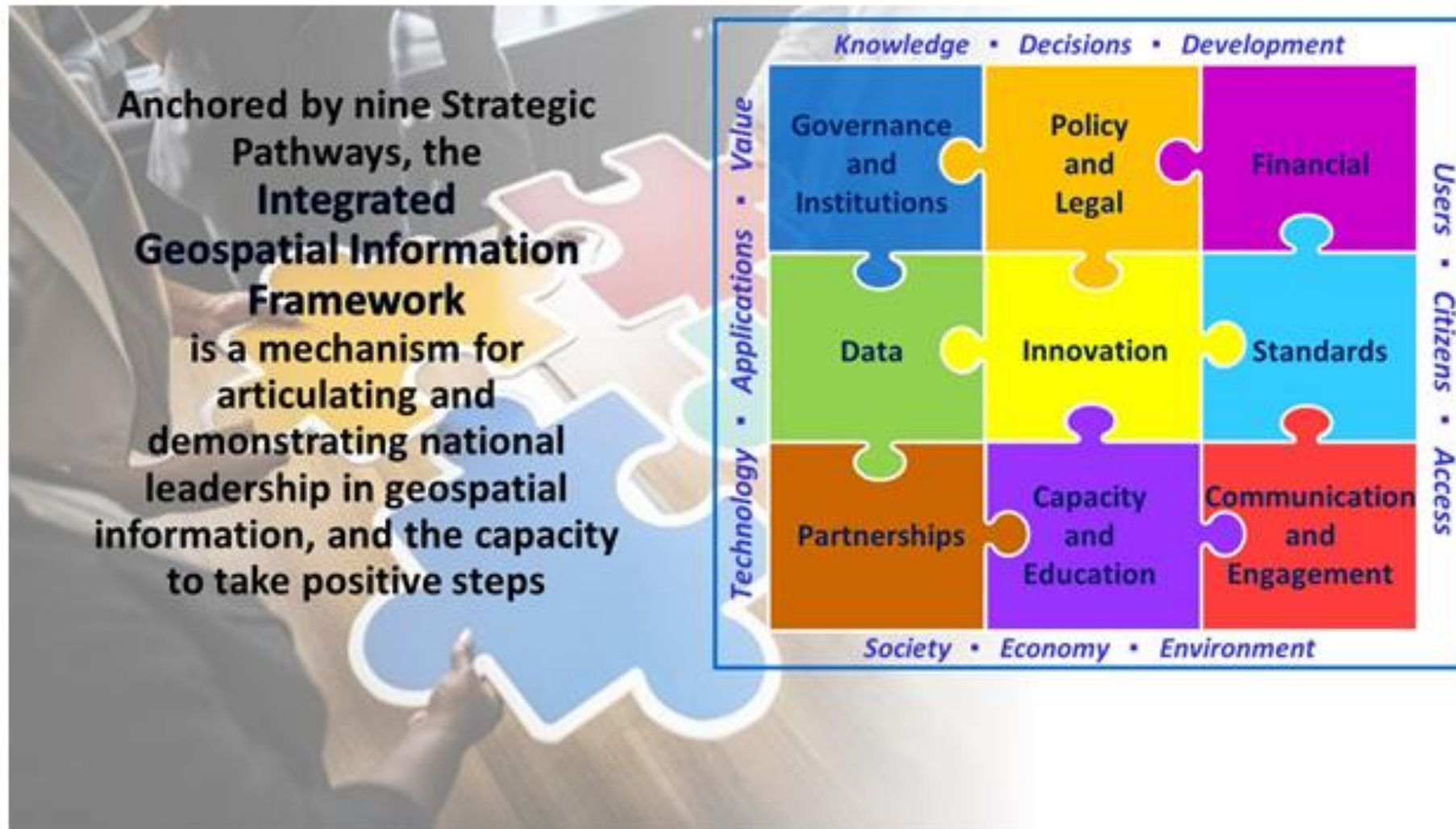
- Integrated Geospatial Information Framework



IHO MSDI basics – pillars and levels



UN geospatial information pillars



IGIF relevant connections

IHO Strategic Plan target 2.3

Apply UN shared guiding principles for geospatial information management in order to ensure interoperability and extended use of hydrographic data in combination with other marine-related data.

S-100 principles article 2.4

The 'Guidelines on the implementation of the WEND-100 Principles' are subject to an approval process with proposals by IRCC for consideration by the Council and following decision by the Assembly. This way Members States control the implementation of S-1XX products over time as IMO and other overarching regulations or guidelines evolve.

Note: One of these –overarching regulations- being the UN-GGIM principles on an Integrated Geospatial Information Framework (IGIF) and how these apply to safe navigation and other use cases



IGIF evolution

IGIF WATER

- Application of IGIF to marine geospatial information

C17-IGIF

- Creation of a matrix between C17 and IGIF principles



13 MSDIWG

MSDIWG13 hybrid meeting, 9 - 13 May 2022, Singapore

It will be co-located within the week programme with

- the annual meeting of the OGC Marine Domain Working Group,
- the third expert meeting of the UN-GGIM WGMGI
- the International Seminar on United Nations Global Geospatial Information Management, with the theme “Effective and Integrated Marine Geospatial Information”

Please note that the 3rd UN-GGIM WGMGI meeting is under invitation only and contact the UN GGIM WGMGI if you require more information



Action requested of MBSHC

The MBSHC is invited to:

- Encourage MSDI initiatives
- Make the Ambassador aware of relevant MSDI Initiatives
- Encourage training and involvement in MSDI
- Note the report

