



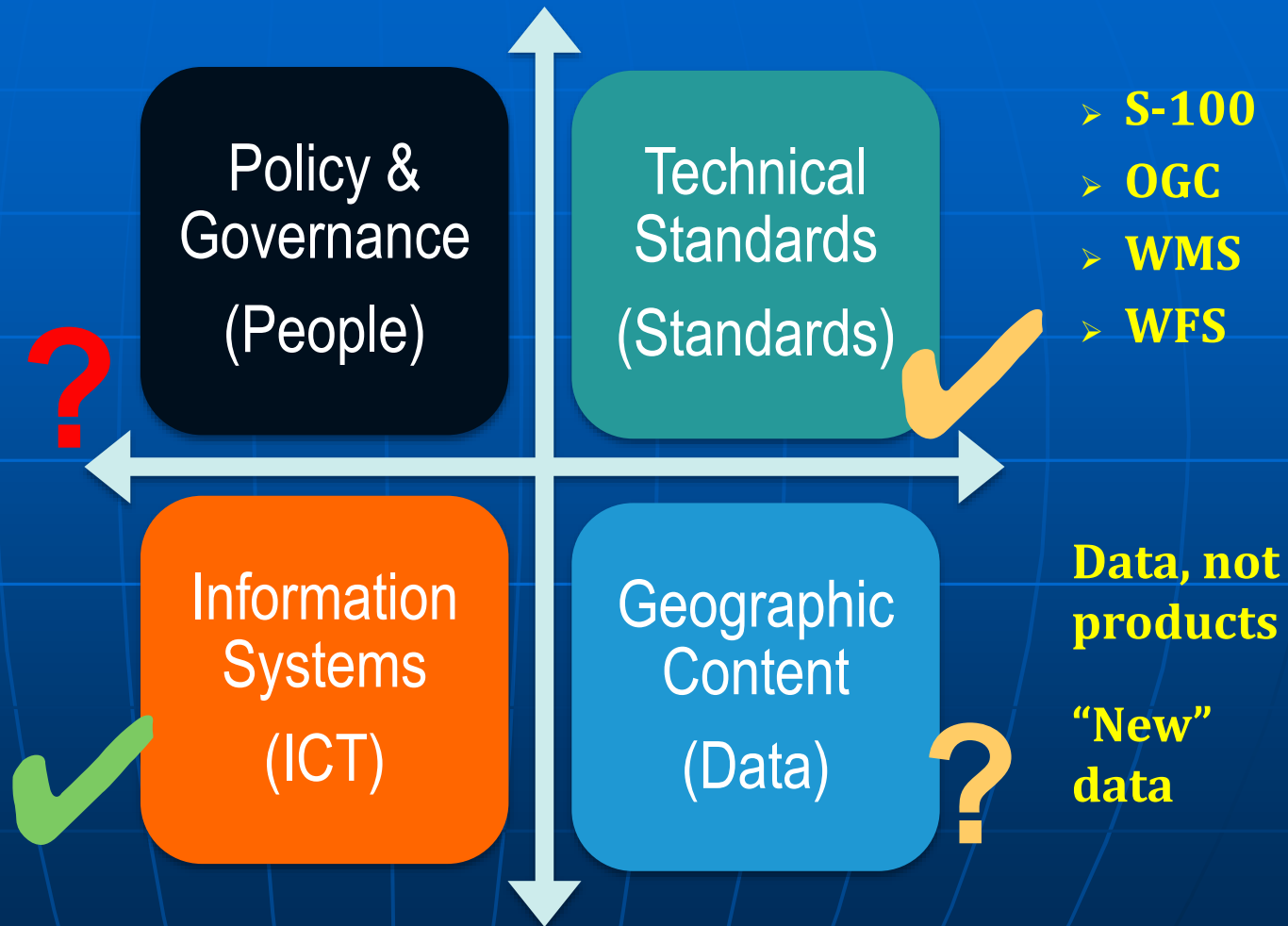
**14TH SOUTHERN AFRICA AND ISLANDS HYDROGRAPHIC
COMMISSION CONFERENCE (SAIHC)
6 - 8 September 2017**

MSDI Report

What is MSDI?

- Stakeholders
- Benefits
- Funding
- Access to data

- GIS
- Internet



The importance of authoritative data.



What are the benefits to an HO in supporting an SDI?

- greater appreciation of the **inherent value in HO information**
- **wider use of hydrographic** data and information in the development of new products and services;
- **improved decision making** (e.g. spatial planning, integrated coastal zone management, flood mitigation, and climate change adaptation);
- **increased efficiencies** in organisational processes (e.g. data collection and management) by reducing duplication and encouraging co-ordination;
- **improved data management practises** especially in the critical areas of land and marine convergence (coastal zone);
- increased market exposure through **hydrographic information provided for non-navigational use;**
- **more effective use of public funds;**
- **greater co-operation with other information providers;**
- **cost savings** through efficiencies;
- increased **opportunities for resources and funding;** and
- **additional revenue generation** opportunities.



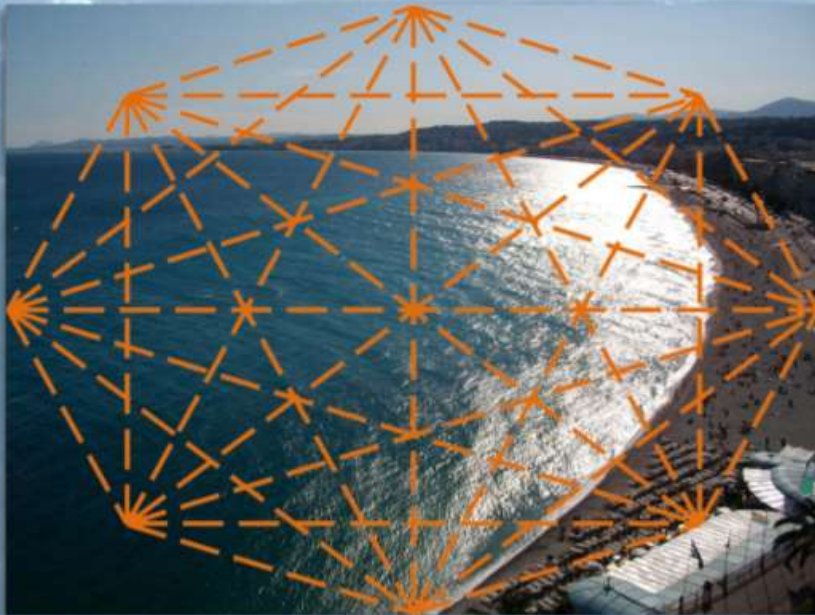
INTERNATIONAL HYDROGRAPHIC ORGANIZATION

**SPATIAL DATA INFRASTRUCTURES
"THE MARINE DIMENSION"**



Guidance for Hydrographic Offices

Edition 1.1 – February 2011



Published by the
International Hydrographic Bureau
MONACO

C-17

IHO Publication C-17

Spatial Data Infrastructures: "The Marine Dimension" - Guidance for Hydrographic Offices,

Edition 1.1.0, February 2011

Draft New Edition 2.0.0 submitted to IRCC9 for endorsement.

Marine Spatial Data Infrastructures Working Group (MSDIWG)

Meetings

- The 8th **MSDIWG** meeting took place in **Vancouver, Canada** from **31 January to 2 February 2017**.

Next Meeting – 29 January to 1 February 2018

- Will be hosted by the Brazilian Hydrographic Service.
- The MSDIWG will hold a day-long **Open Forum** meeting on 29.



IHO MSDI WG Work Programme

A new 2017-2020 Work Programme has been realigned to focus on regional and national requirements.

The new work Programme focuses on 8 tasks:

- 1. Communication and dissemination**
- 2. Operational - Data sharing and management**
- 3. Policies and governances – RHC.**
(Ensure that MSDI is a standing agenda item for RHCs' meetings (IHO Res 2/1997, as amended, refers))
- 4. Standards (OGC and HSSC)**
- 5. Innovation – Future perspectives (2021 - 2023)**
- 6. Training and education**
- 7. Maintain and extend the publication IHO MSDI C-17 (IHO Task 3.9.2.1 refers)**
- 8. Conduct annual meetings of MSDI WG, arranged back to back with 1- day MSDI Open Forum.**



Thank You

