The MSDI work programme

Ellen Vos

Vice Chair MSDIWG

IHO - MARINE SPATIAL DATA INFRASTRUCTURE WORKING GROUP (MSDIWG)

Objectives of the IHO MSDIWG:

Identify the Hydrographic Community inputs to National Spatial Data Infrastructures (NSDI).

- Monitor national and international SDI activities

- Promote the use of IHO standards and member state marine data in SDI activities.

- Liaise, as appropriate, with other relevant technical bodies

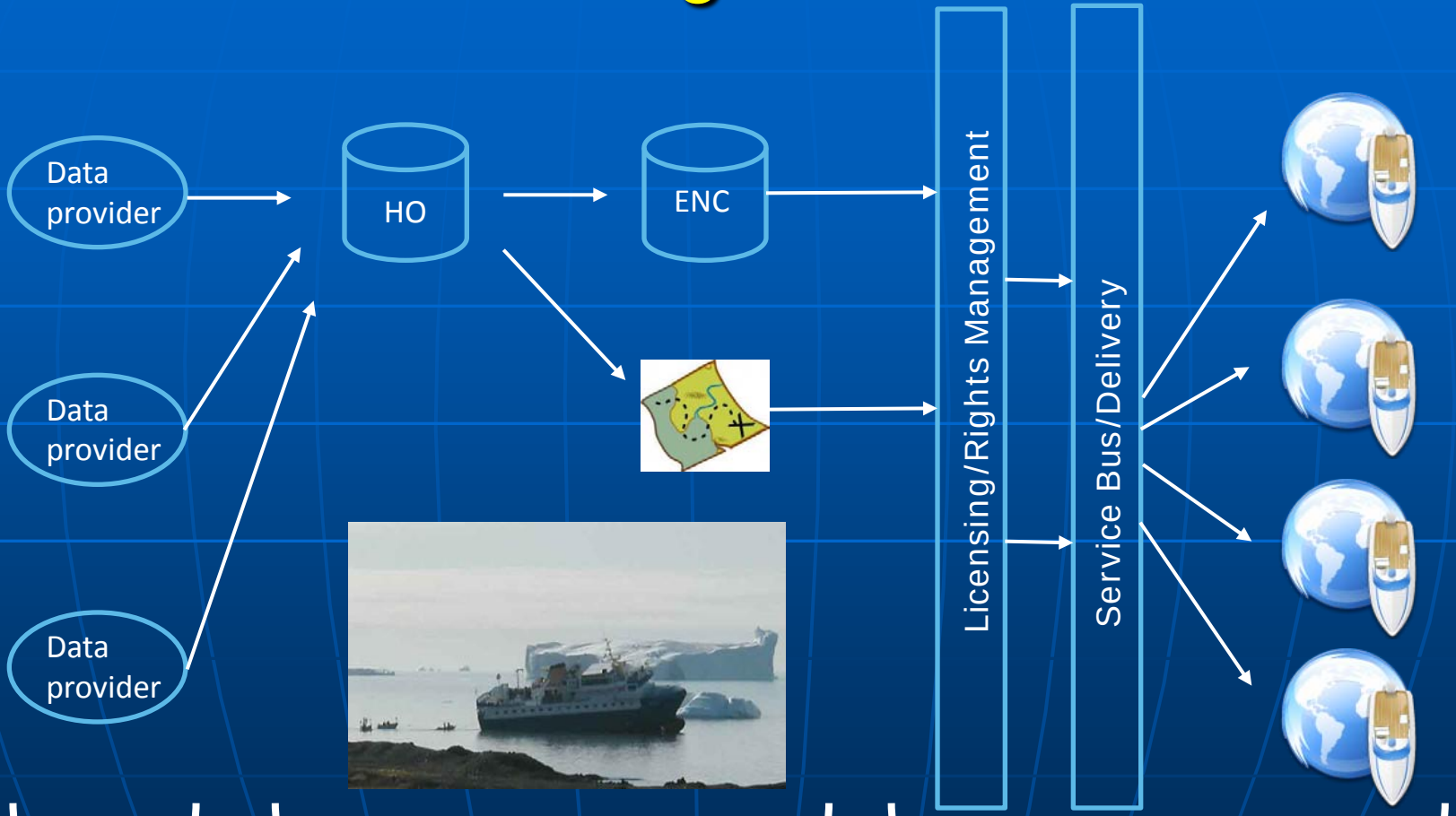
- Propose any Technical and/or Administrative Resolutions that may be required to reflect IHO involvement in the support of SDI.

- Identify actions and procedures that the IHO might take to contribute to the development of Spatial Data Infrastructure (SDI) and / or MSDI in support of Member States.

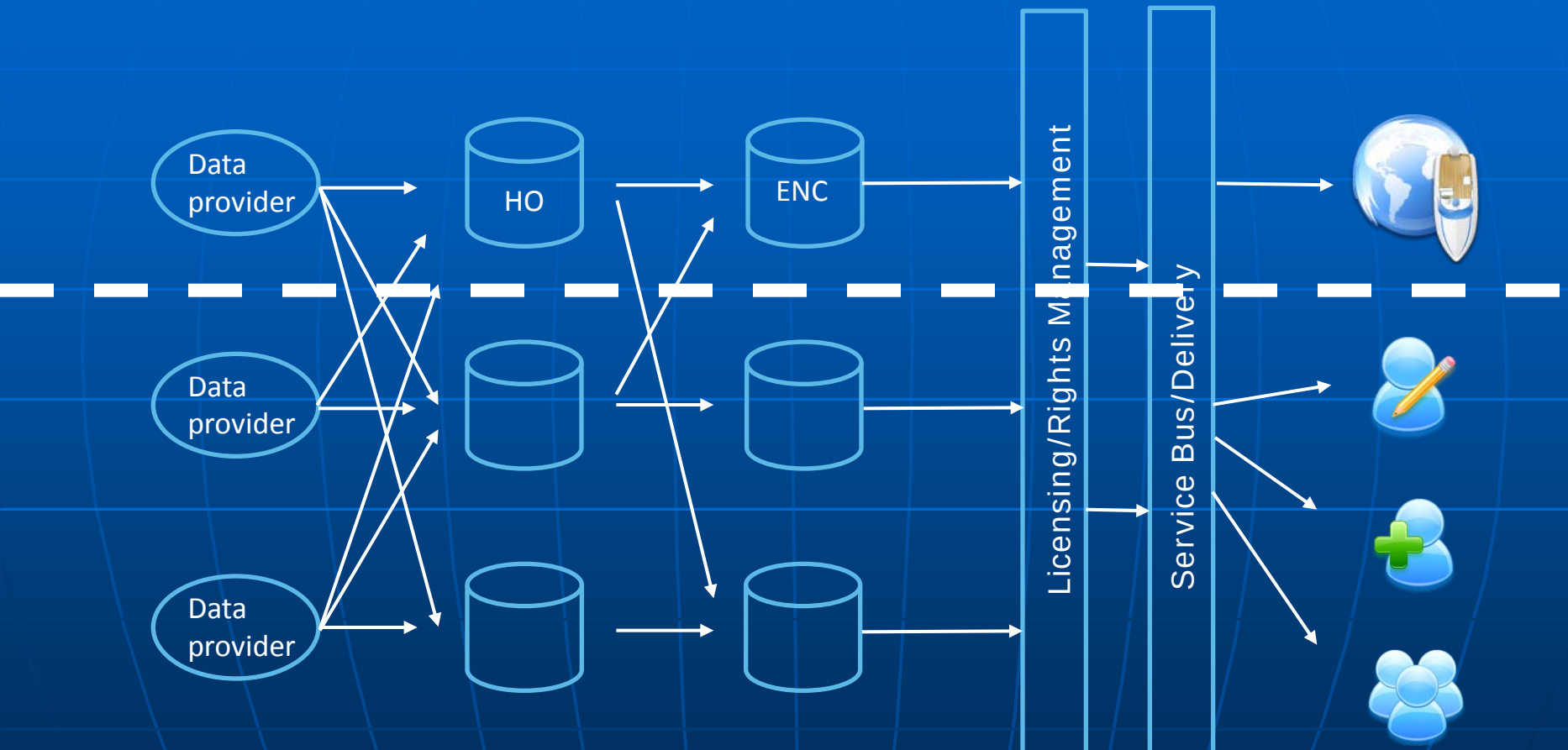
Other use than navigation :

- Protection of the marine environment
- National infrastructure development
- Coastal zone management
- Marine exploration
- Resource exploitation – minerals, fishing, energy
- Maritime boundary delimitation (UNCLOS, others)
- Maritime defence and security
- Disaster prevention and response

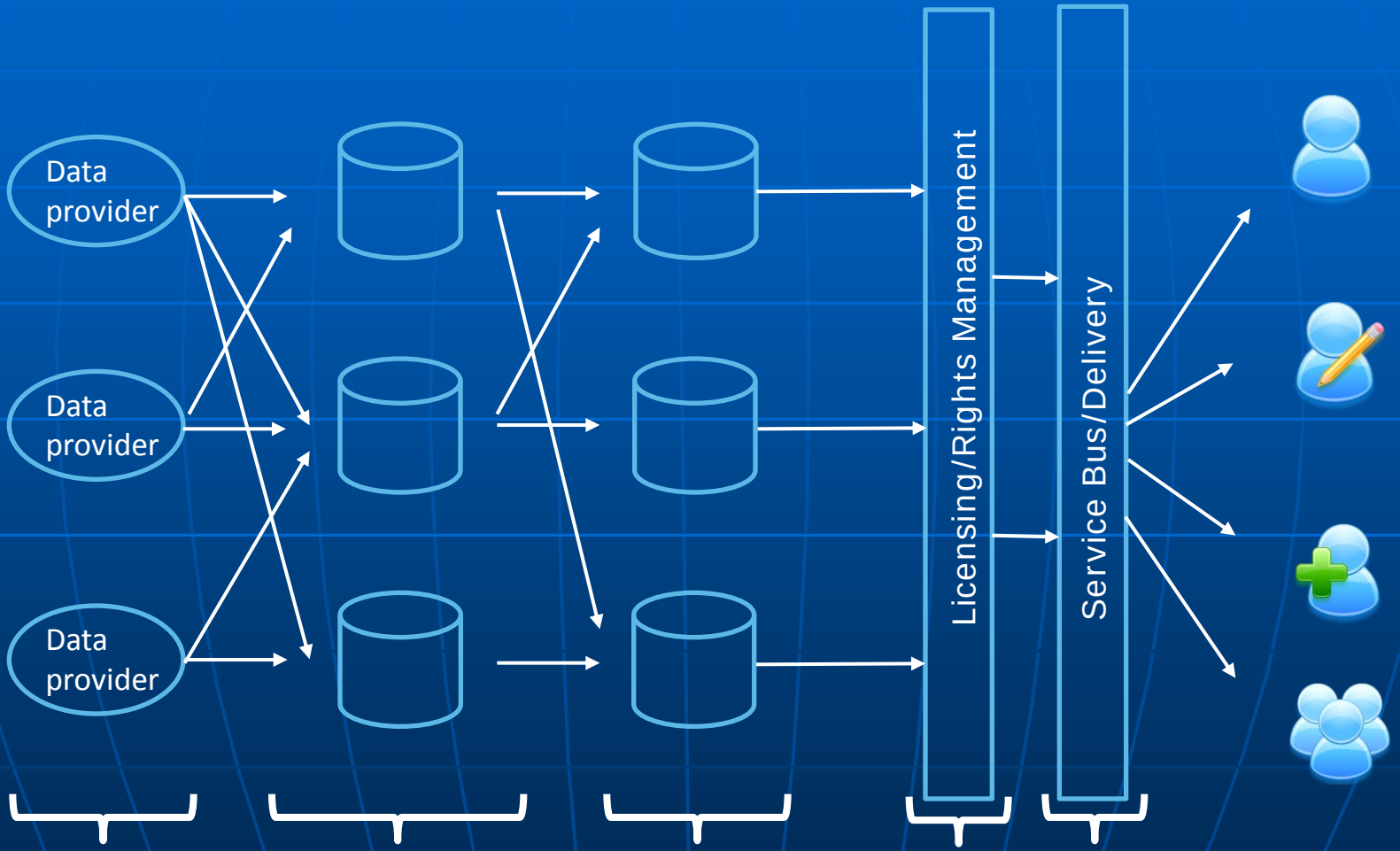
HO traditional : Safety of Navigation



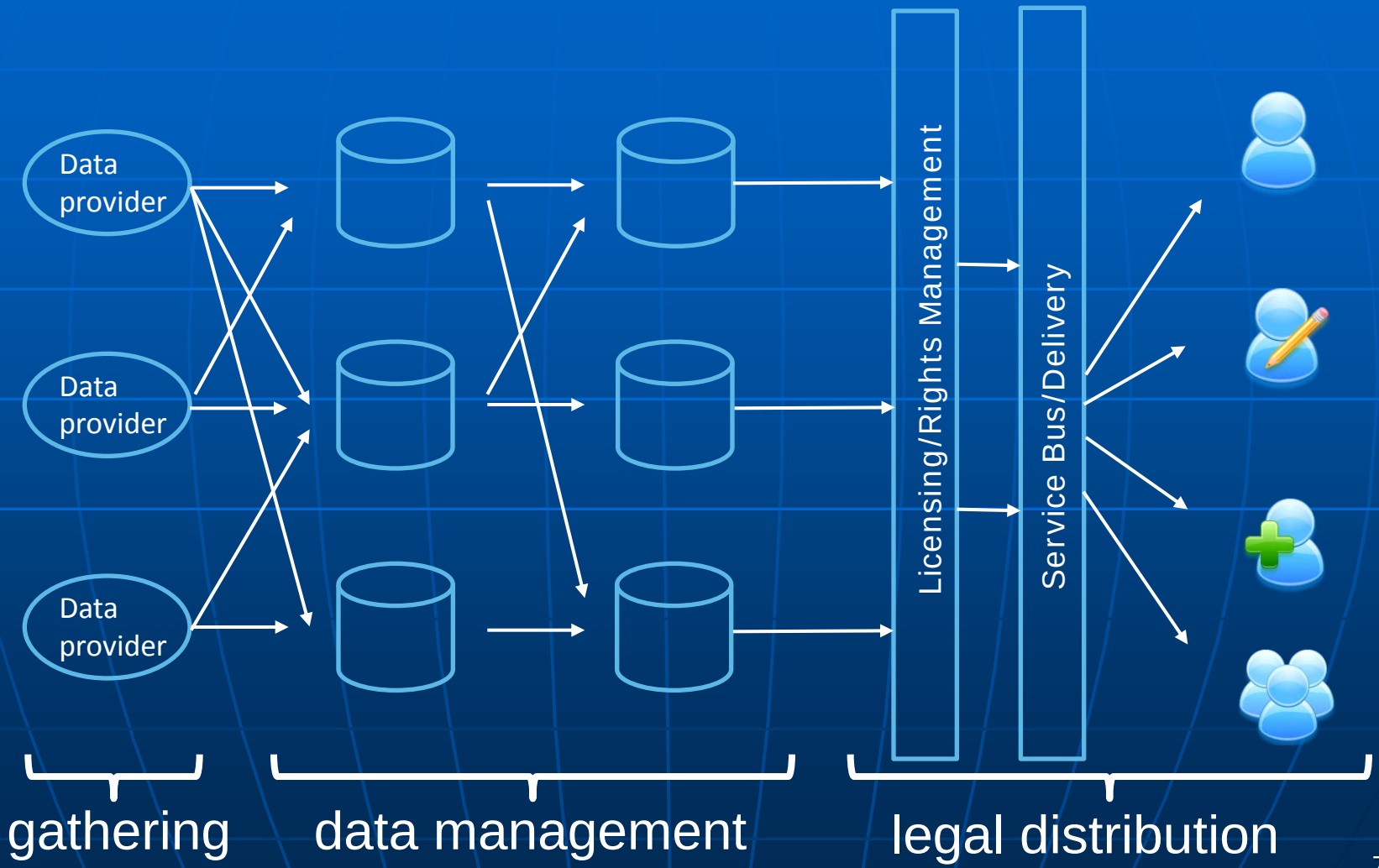
HO today: Safety of Navigation *and other use*



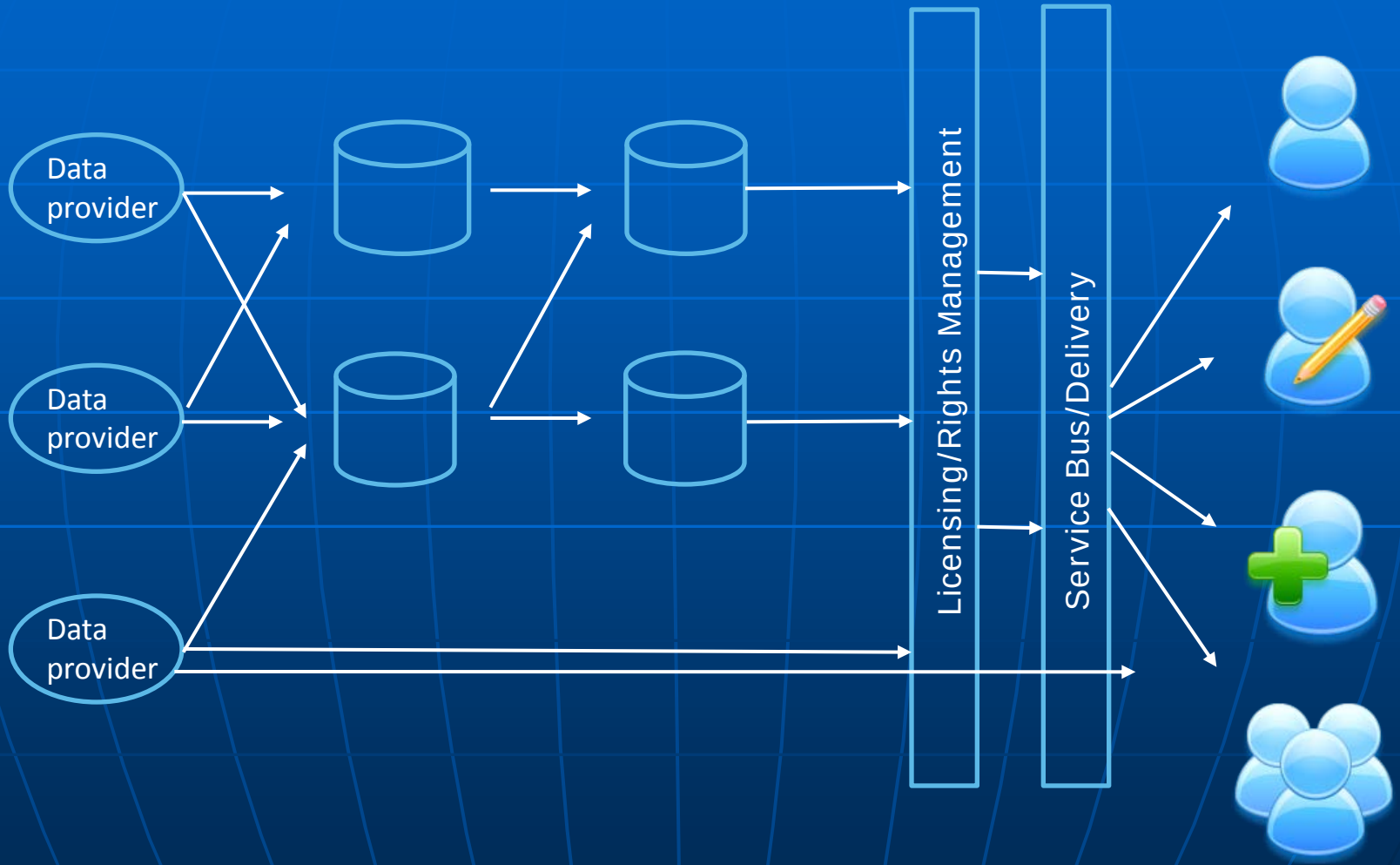
MSDI – Standards

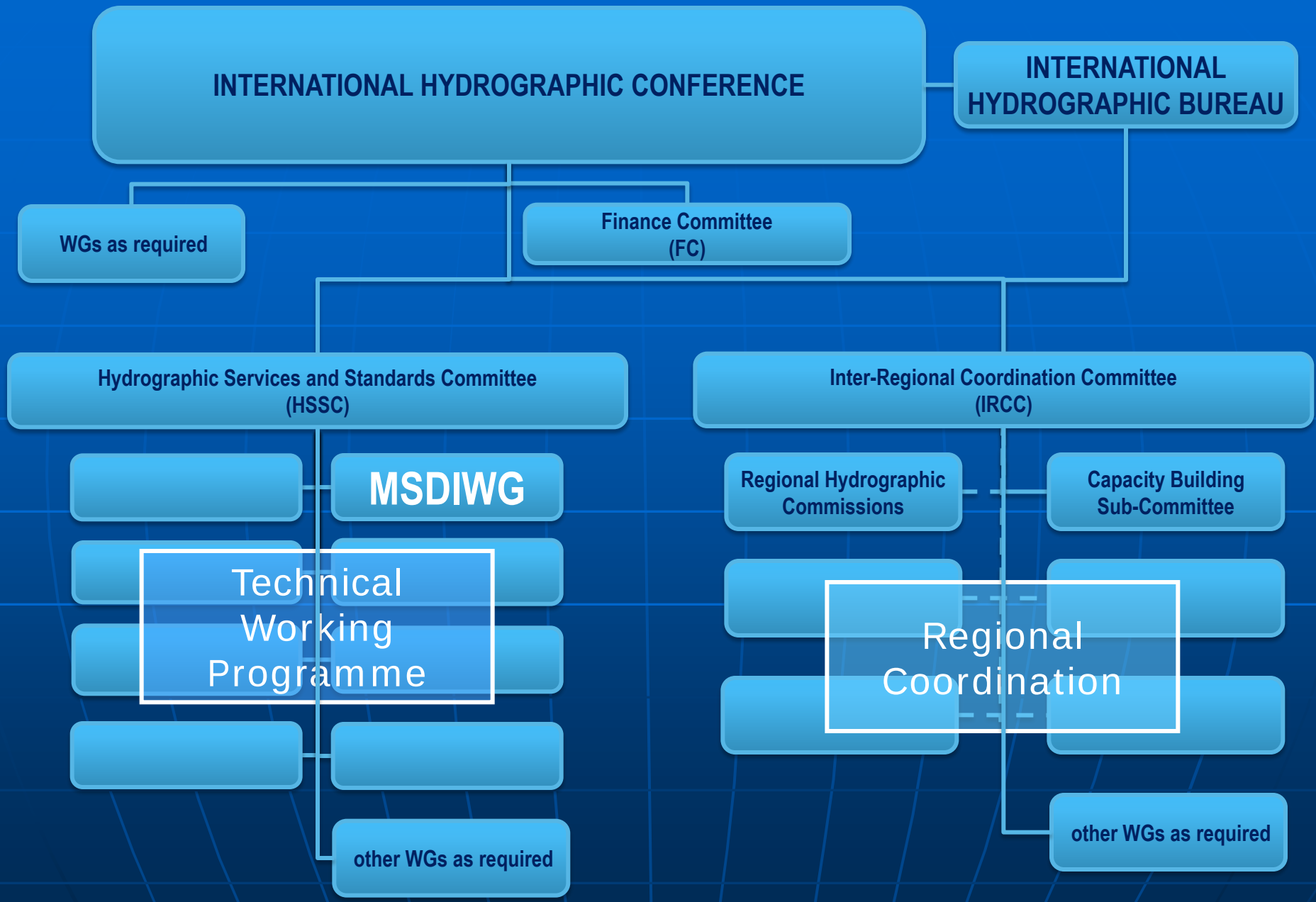


Harmonization along Value Chain

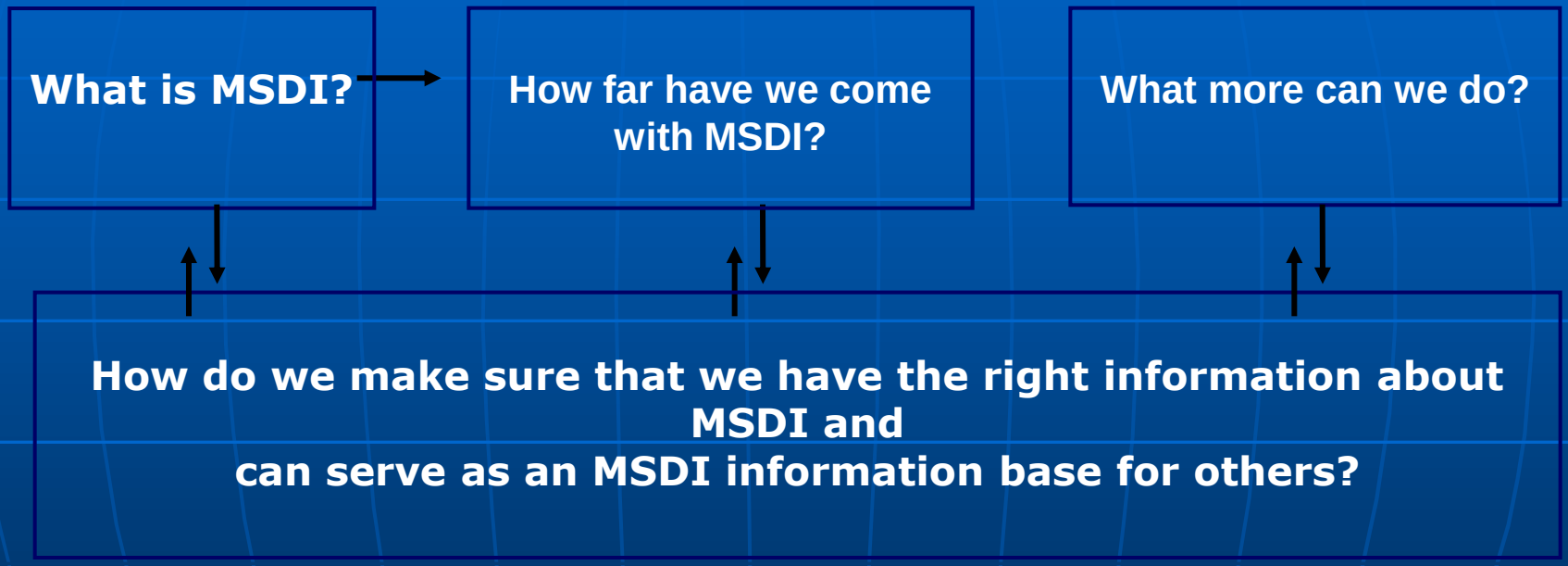


MSDI – the Marine Dimension




INTERNATIONAL HYDROGRAPHIC CONFERENCE
INTERNATIONAL HYDROGRAPHIC BUREAU
WGs as required
Finance Committee (FC)
Hydrographic Services and Standards Committee (HSSC)
Inter-Regional Coordination Committee (IRCC)
MSDIWG
Technical Working Programme
Regional Hydrographic Commissions
Capacity Building Sub-Committee
Regional Coordination
other WGs as required
other WGs as required

The following work programme has been developed with a view towards a five-year horizon. It includes four proposed initiatives for the MSDIW.



Initiative 1: What is MSDI? – A general approach to MSDI

Aim:

To create a general and uniform understanding of the key elements of MSDI, including concept descriptions of four subareas:

- Technical issues
- Data and harmonisation
- Governance
- Liaison with other organisations

Initiative 2: How far have we come with MSDI? – A review and status report

Aim:

To review regional and national status of MSDI development

Initiative 3: What more can we do? – A strategic approach to further MSDI development

Aim:

To address the opportunities and challenges for MSDI, leading to the creation of strategic plan for how the working group can support the MSDI development within the IHO and among the Member States

Initiative 4: Training and communication

Aim:

To ensure that the working group's members are adequately trained and prepared to actively move MSDI development forwards, and to position the working group as a hub of expertise concerning MSDI. Further, to ensure that MSDI stakeholders are linked to other SDI initiatives as a way to ensure that MSDI is integrated into larger scale SDI work.

?