

# **Towards Data Centricity**

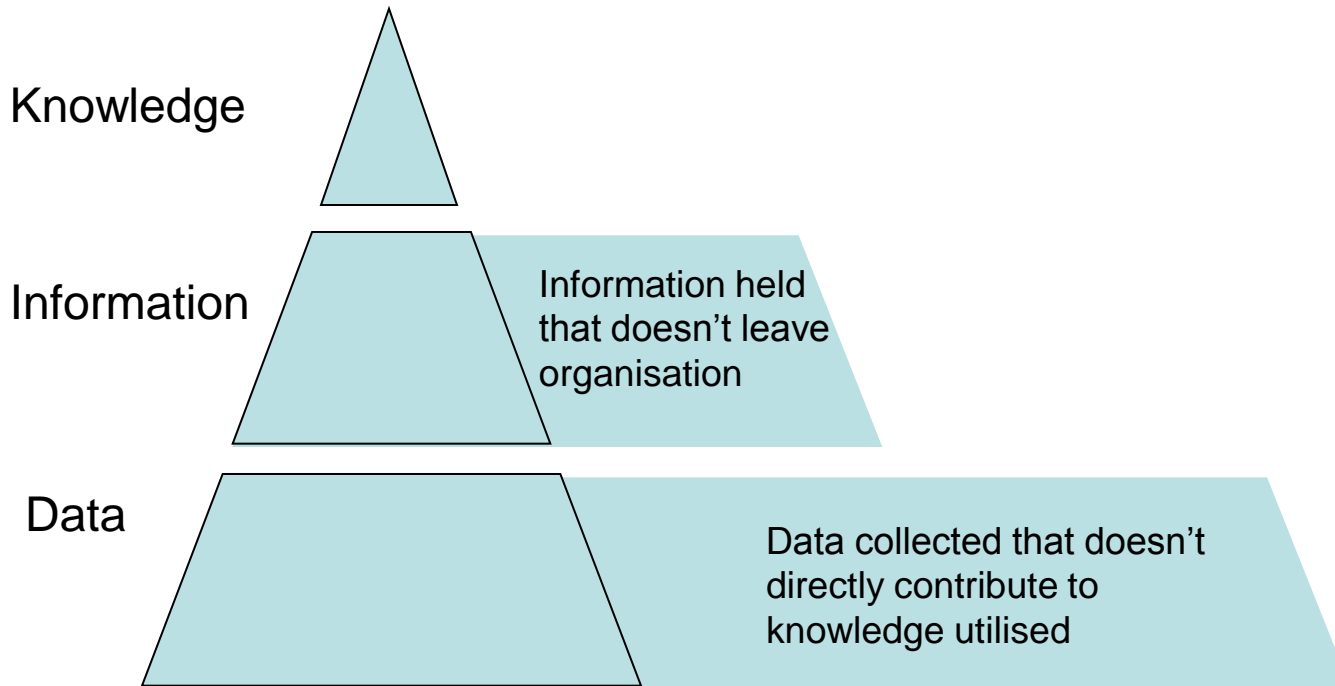
**NORTH SEA HYDROGRAPHIC COMMISSION (31)**

**Amsterdam, 25-27 June 2014**

**UK**

- Do you focus on products or data?
- Do you collect data only so that you can produce products?
- Do you only produce products for a narrow group of users?
- Should we think differently?

# From Data to Knowledge



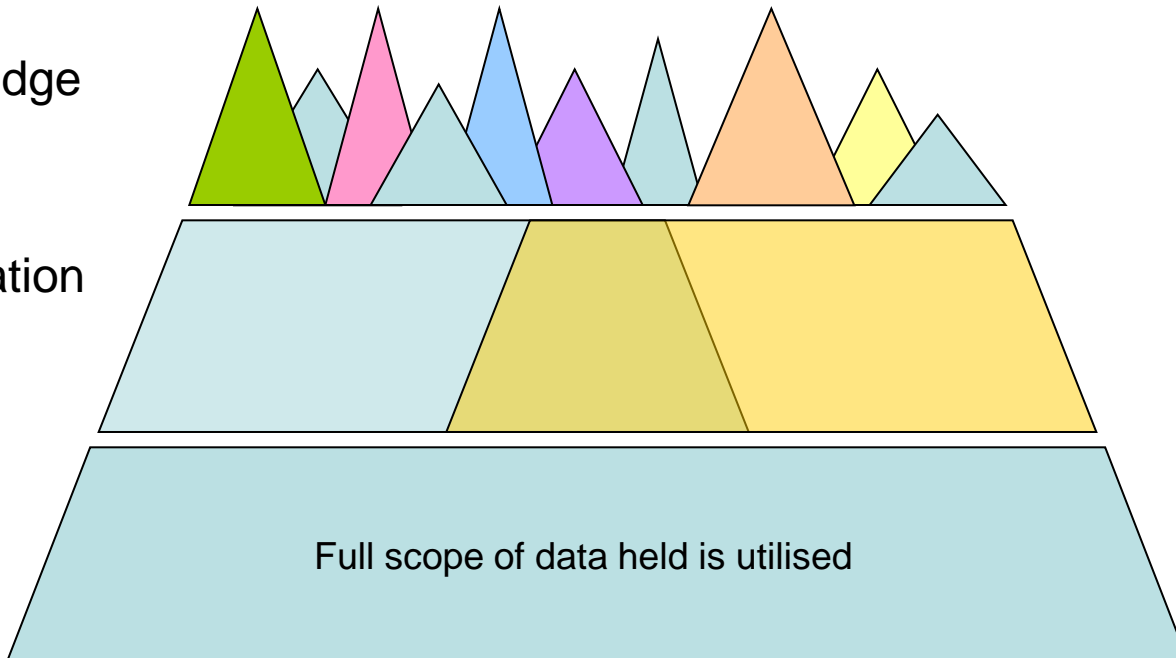
Knowledge delivered to a wide range of users

Knowledge

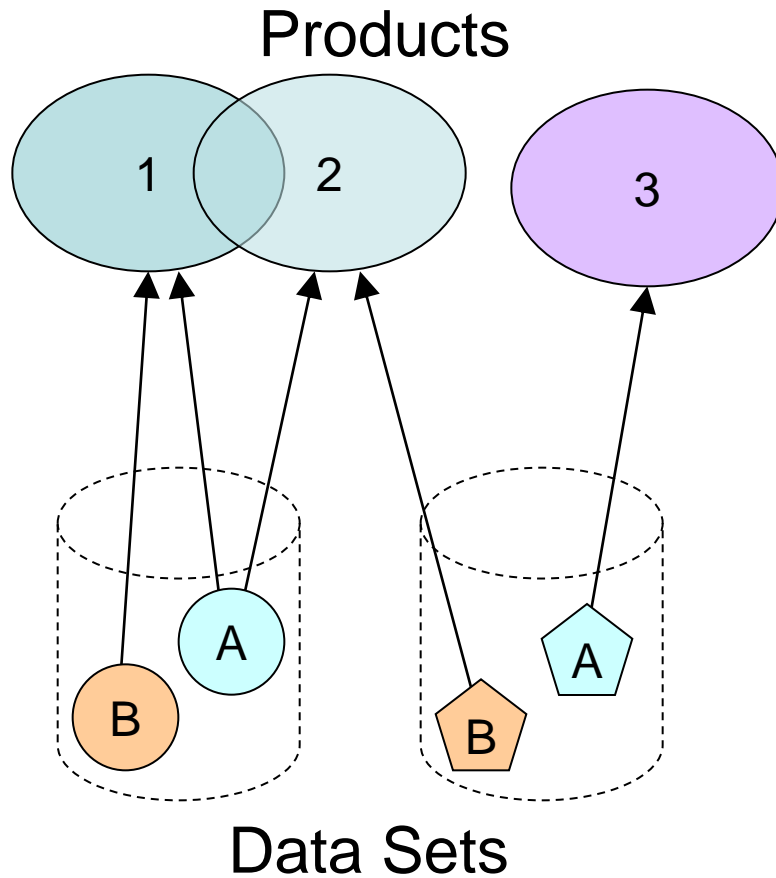
Information

Data

Full scope of data held is utilised



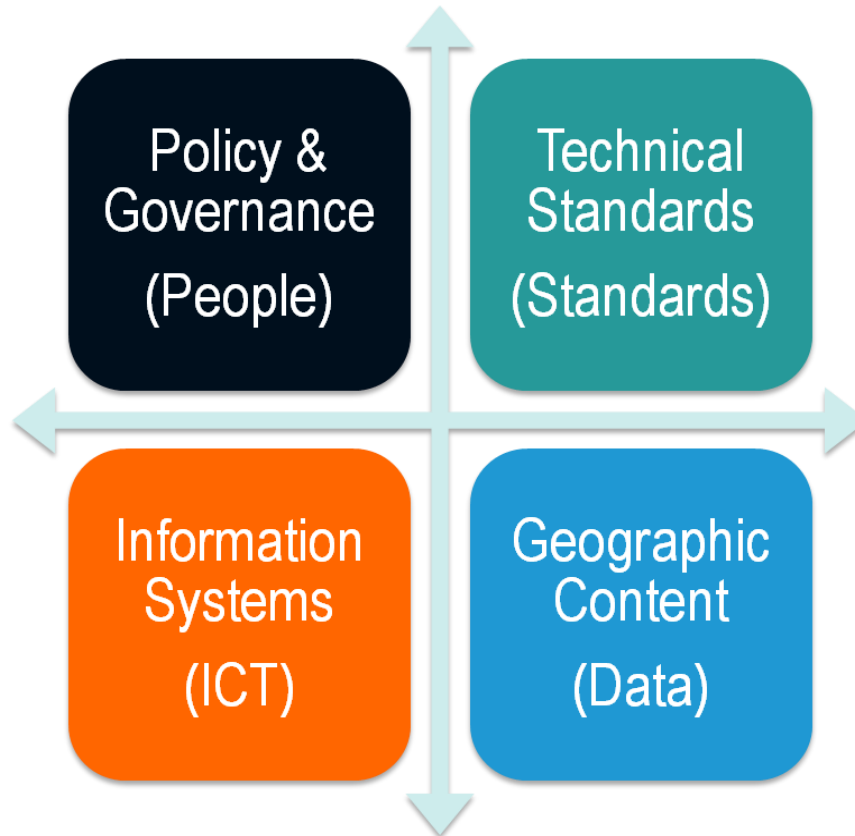
## Typical product focused approach



Multiple copies of the same data held for separate products

Can lead to inefficiency, and discrepancies between products

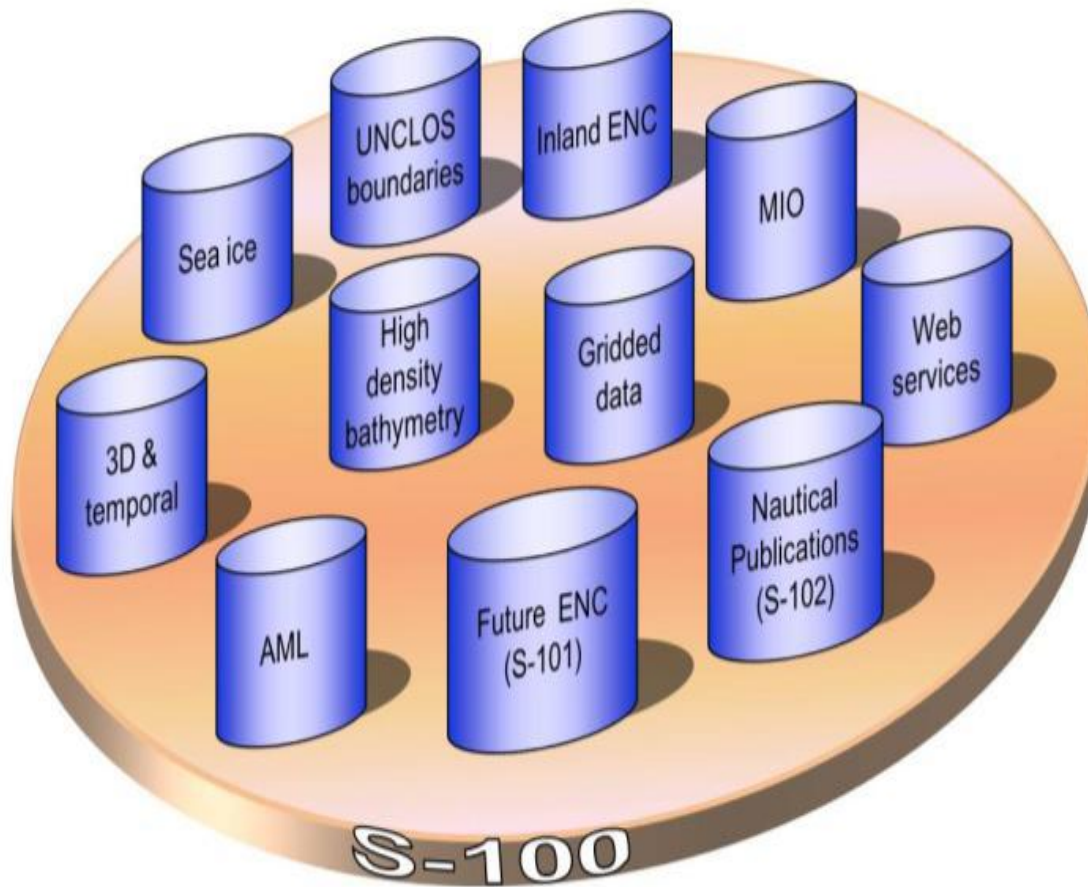
## 4 Pillars of MSDI



MSDI delivers a wide range of knowledge to a wide range of disciplines

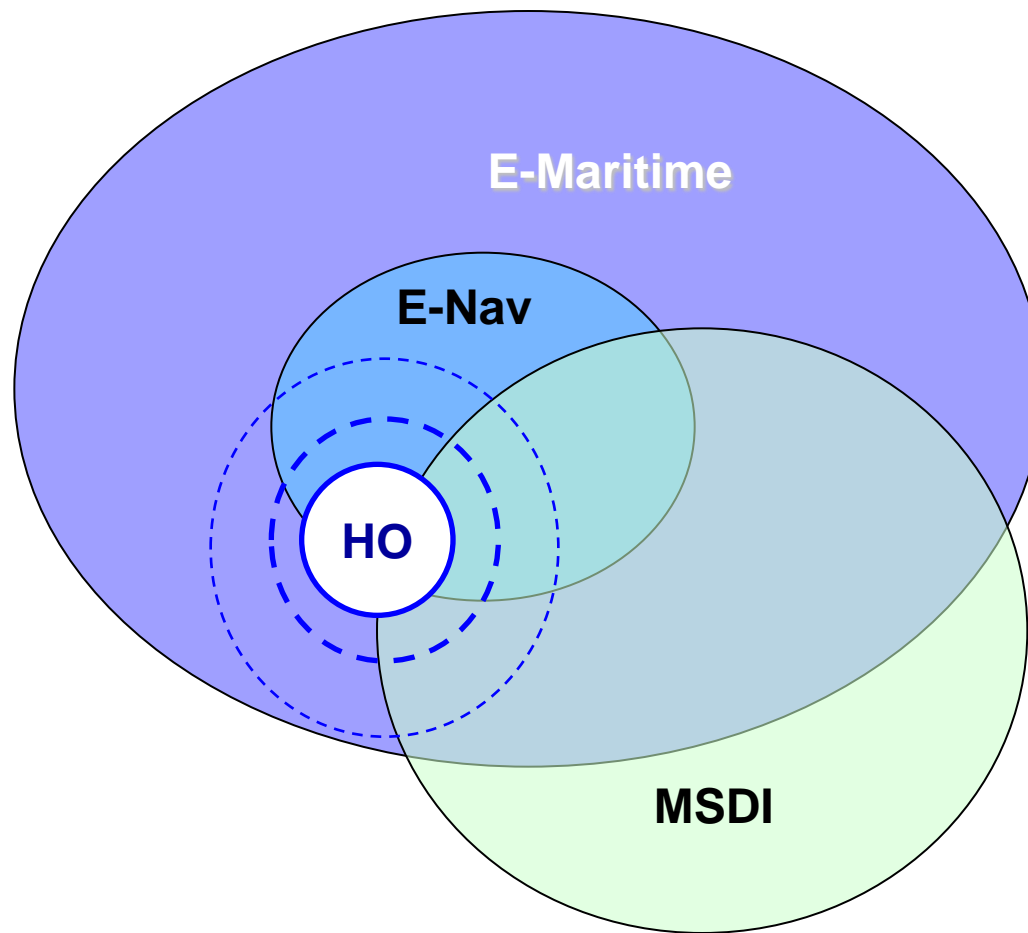
MSDI requires data to be held in a generic format

## IHO Universal Hydrographic Data Model (S-100)



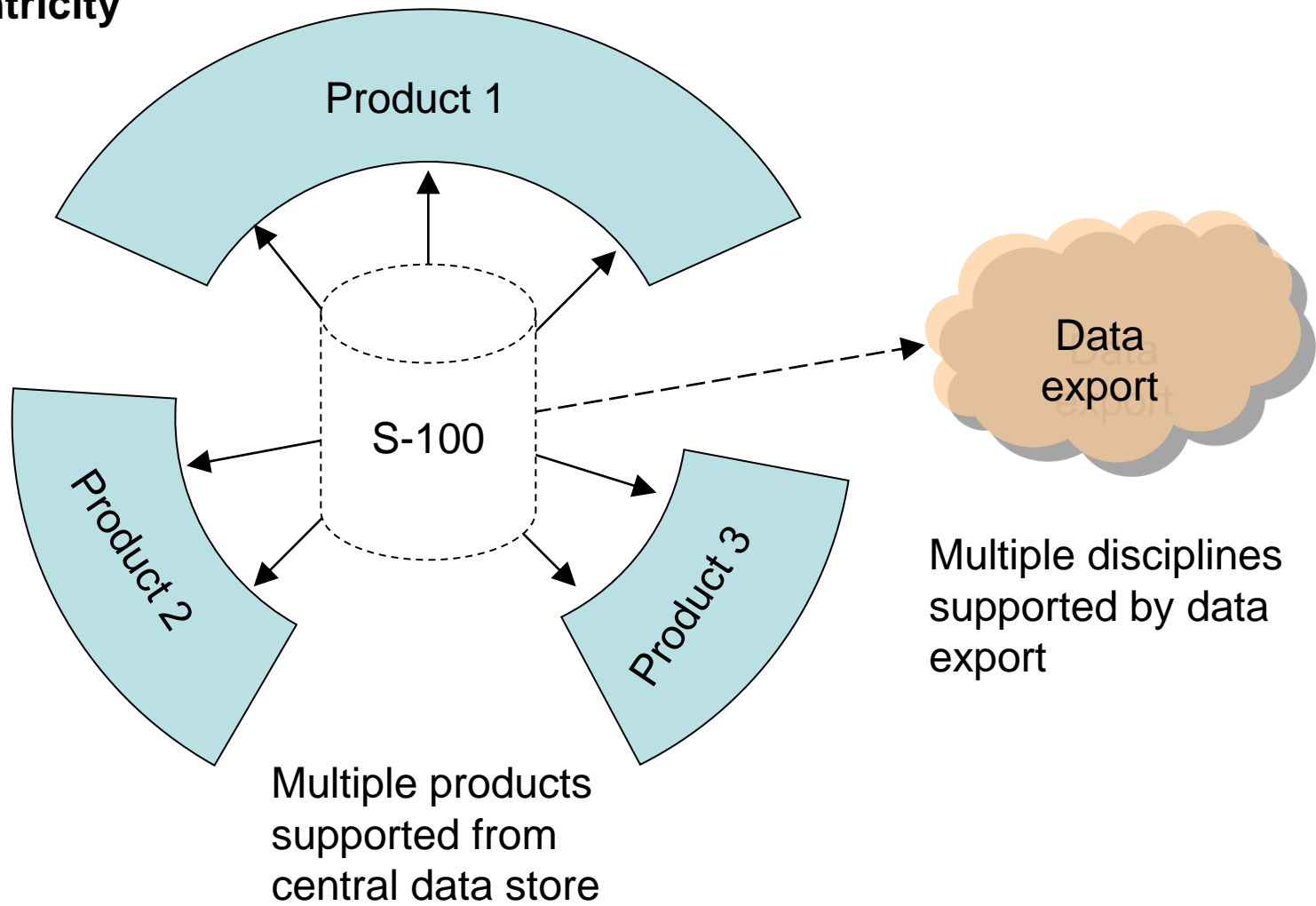
Enables enhanced data sharing across multi-disciplinary groups.

**Which domains do HOs interact with?**





## Data centrality



## **NSHC is invited to:**

- Note this report
- Encourage a more data centric approach
- Engage in discussions about how HOs can contribute to e-navigation, MSDI and other geospatial initiatives
- Request HOs to offer support to the MSDI Working Group, through promotion of best practice and sharing of issues and concerns
- Consider relevance to the North Sea Region
- Take any other actions as it considers appropriate.