WP5 - DIKW challenges for MSP in NESBp

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❖ Key points – *MSP as a device for governing*

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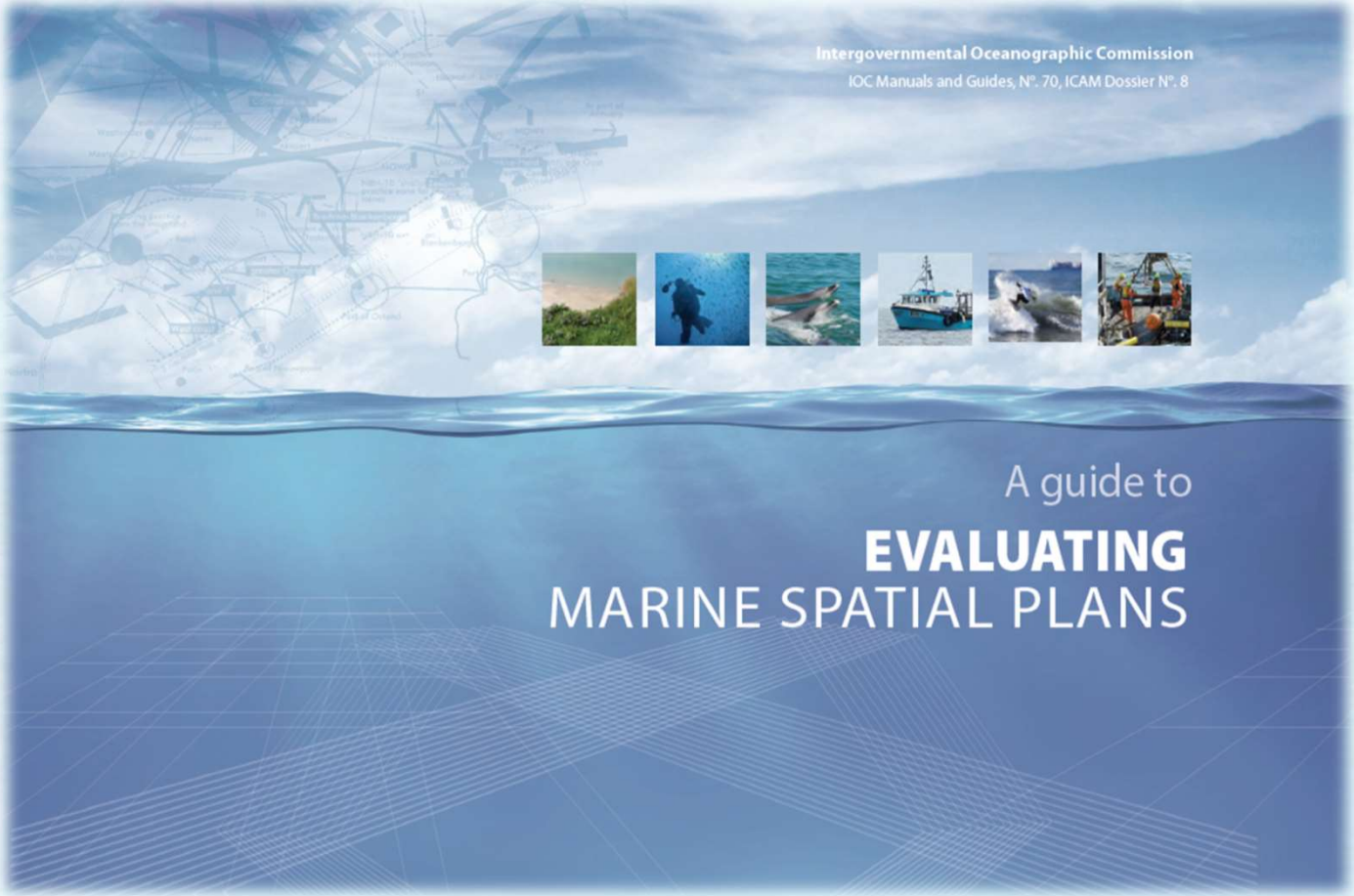


❖ Key points – *Power is knowledge*

Information
– structuring the grid

Knowledge
– gridding the space

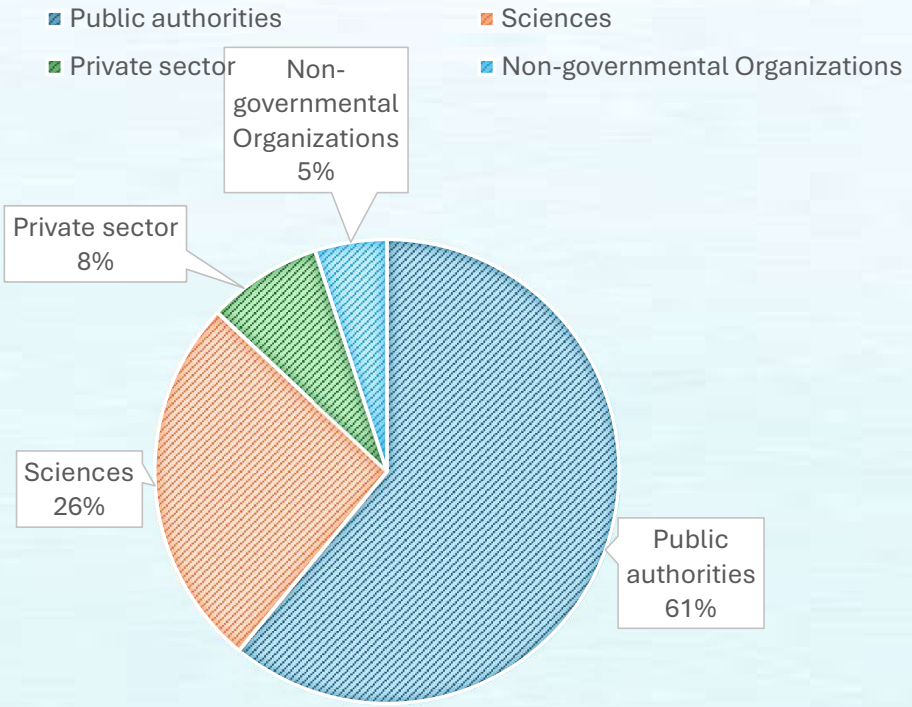
Data
– mining the structure

❖ eMSP NBSR heritage – *Data CoP*

- **The Data Community of Practice**

= 80 participants/experts

- **Topics «*Data sharing, information, and communication technology supporting MSP*»**
- **2 case studies targeted (1/Blue corridors & MPAs; 2/Maritime surveillance)**
- **1 Policy Brief / 7 opertionnal recommandations**



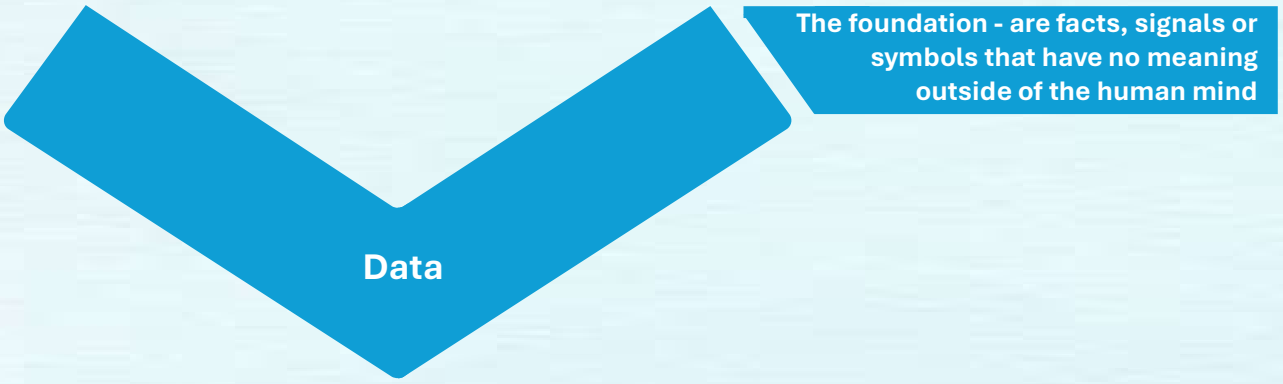
❖ eMSP NBSR heritage – *Data CoP*

➢ A fundation

1. Adopt international data standards (ISO, INSPIRE, IHO, IMO)
2. Make MSP output data compliant with FAIR principles
3. Enrich the available data sharing platforms to improve the comprehensiveness of available data
4. Increase data coherence and harmonization approach, data classification and categorization into relevant and consistent categories and subcategories
5. Follow the framework protocol for Blue Corridors implementation to increase connectivity between MPAs and species' functional habitats in the planning process
6. Visualize the "invisible": invest in geospatial visualization technologies and resources
7. Continue supporting transboundary MSP projects and initiatives which are led by and involve MSP authorities

❖ NESBp WP5 – *Challenges for MSP*

- **DIKW as backbone**



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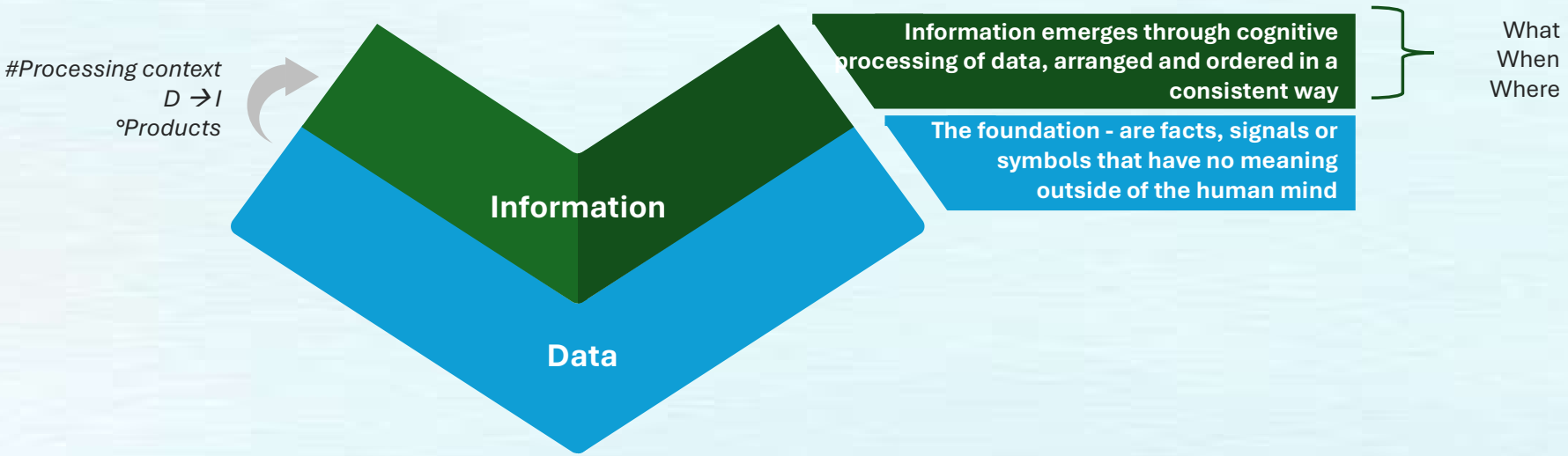

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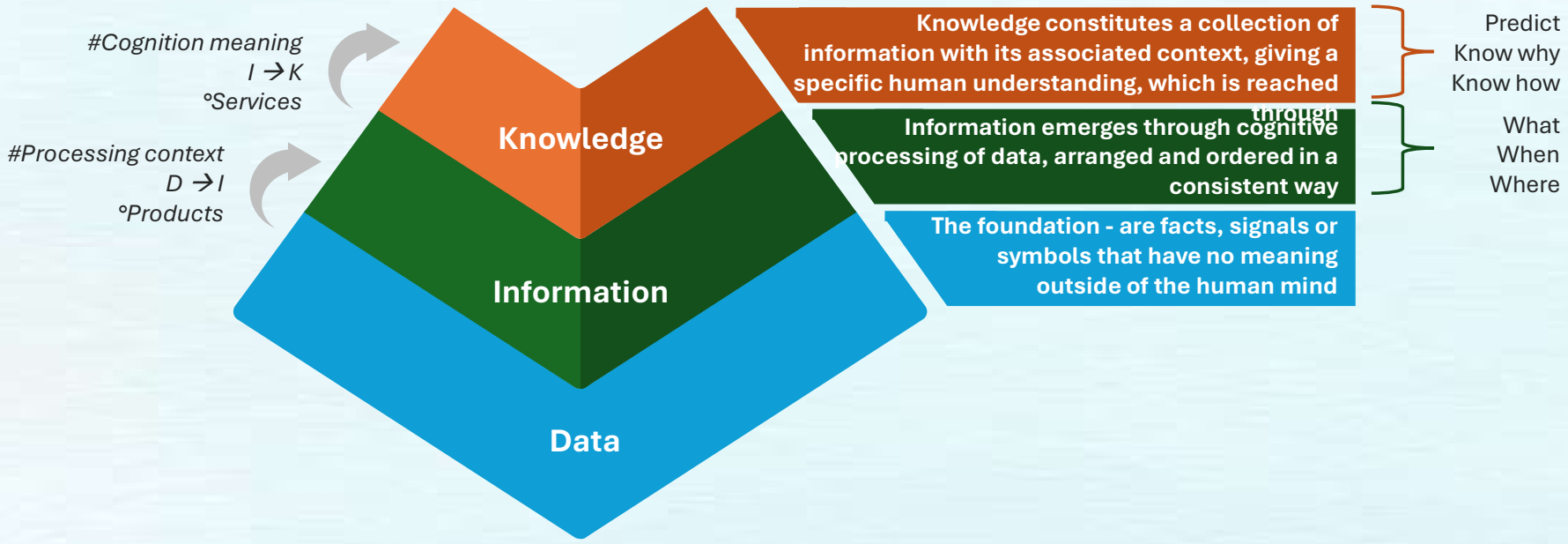

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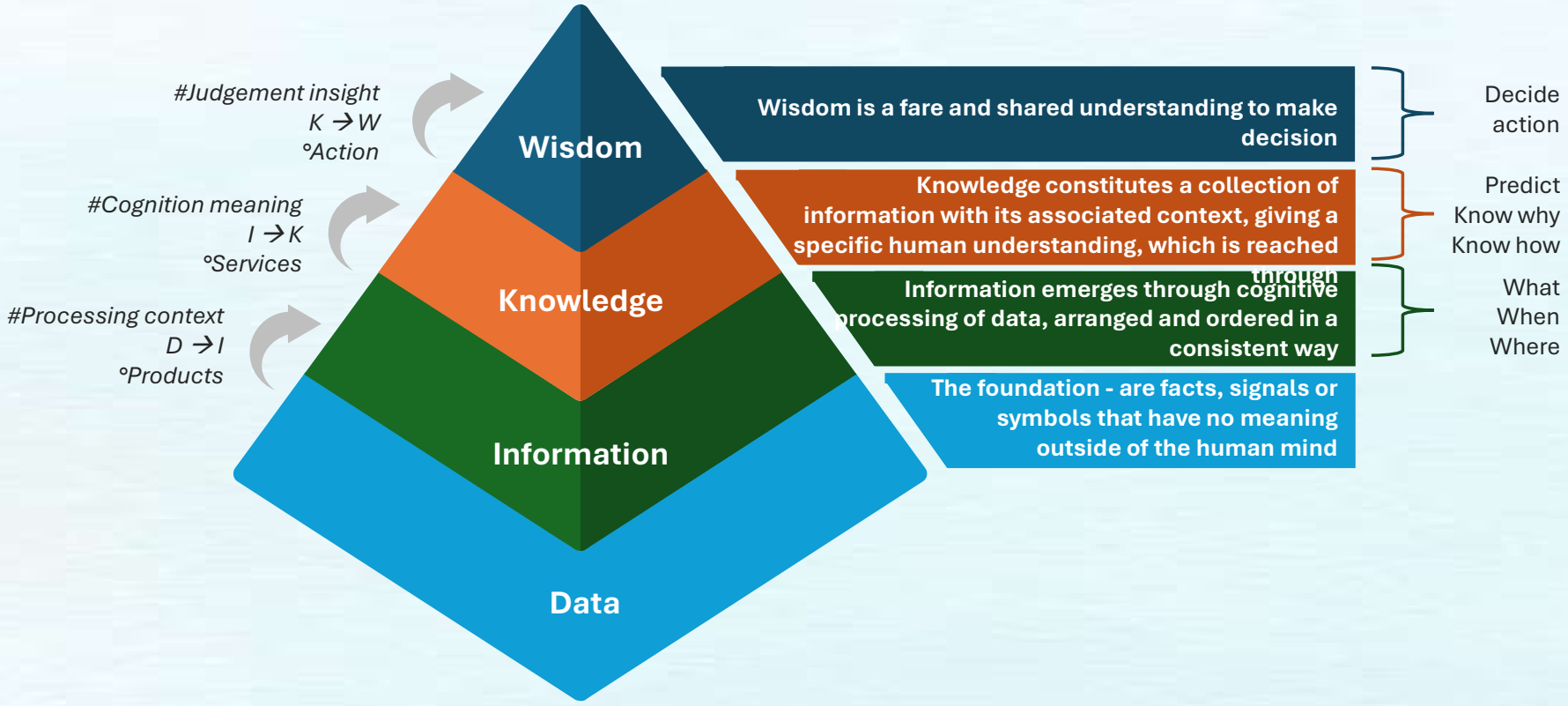

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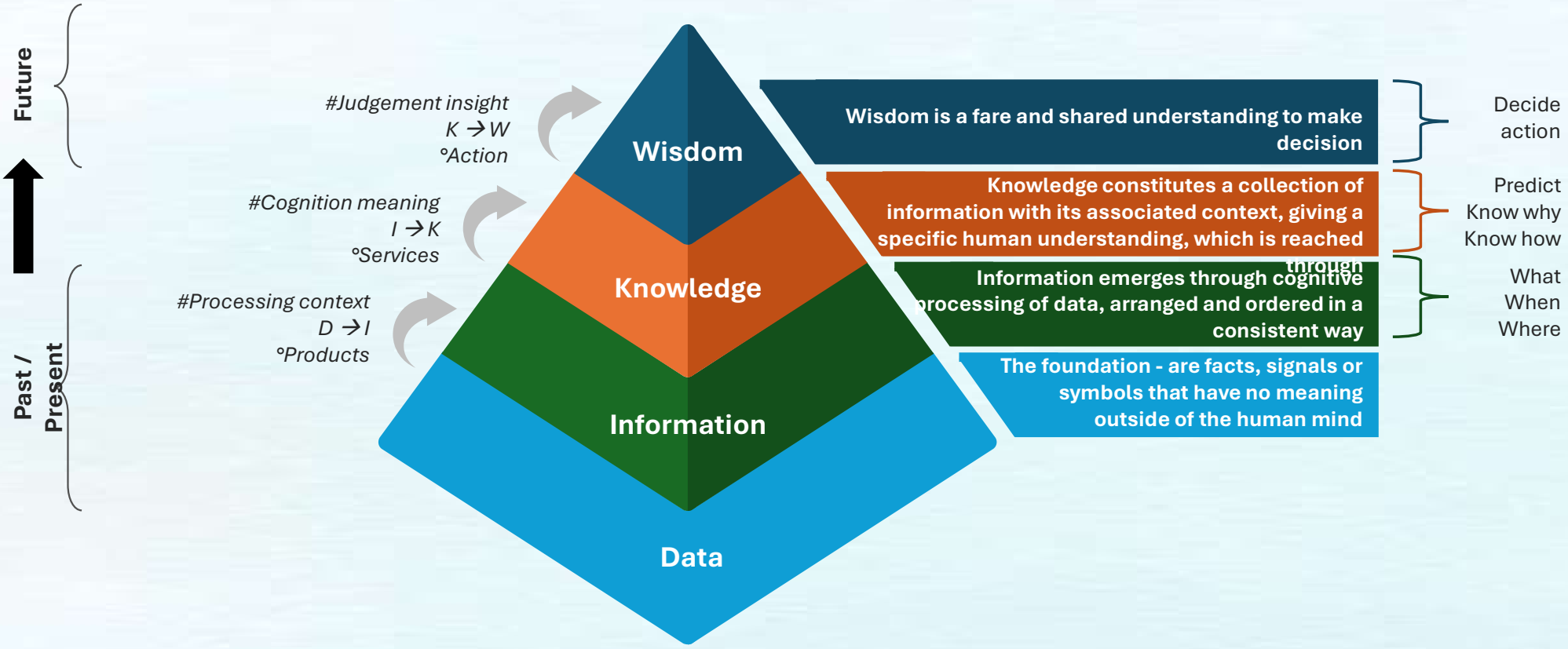
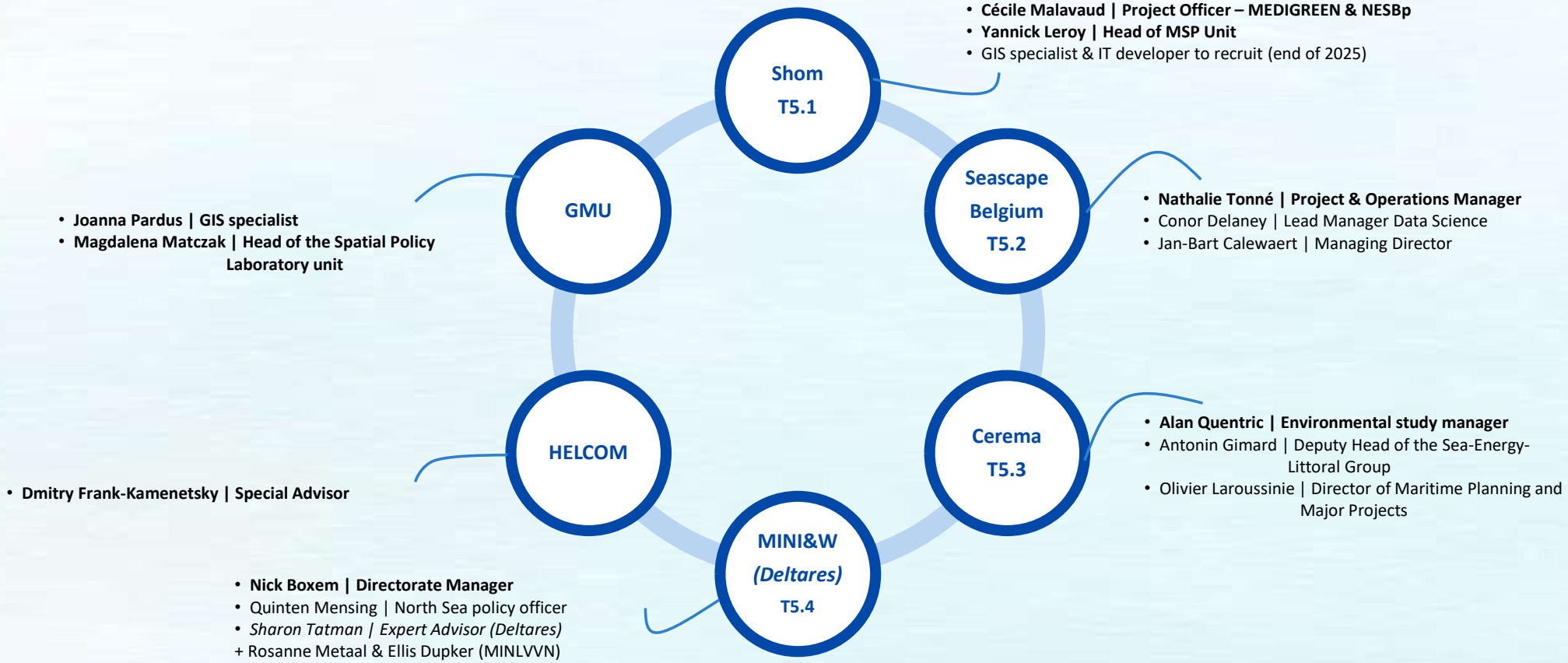


❖ NESBp WP5 – *Challenges for MSP*

➢ WP5 core team



- **Cécile Malavaud | Project Officer – MEDIGREEN & NESBp**
- **Yannick Leroy | Head of MSP Unit**
- GIS specialist & IT developer to recruit (end of 2025)

- **Nathalie Tonné | Project & Operations Manager**
- Conor Delaney | Lead Manager Data Science
- Jan-Bart Calewaert | Managing Director

- **Alan Quentric | Environmental study manager**
- Antonin Gimard | Deputy Head of the Sea-Energy-Littoral Group
- Olivier Laroussinie | Director of Maritime Planning and Major Projects

- **Nick Boxem | Directorate Manager**
- Quinten Mensing | North Sea policy officer
- *Sharon Tatman | Expert Advisor (Deltares)*

+ Rosanne Metaal & Ellis Dupker (MINLVVN)

- **Dmitry Frank-Kamenetsky | Special Advisor**

- **Joanna Pardus | GIS specialist**
- **Magdalena Matczak | Head of the Spatial Policy Laboratory unit**

❖ NESBp WP5 – *Challenges for MSP*

➢ **WP5 content – T5.1 : Shom** + GMU + HELCOM

Evaluation of MSP national plans consistency on maritime safety key-dimension

- **Roadmap**

T5.1.1_Assessment of the NESB MSP national plans on maritime safety under DIKW concept

T5.1.2_Referential of interoperable input datasets to inform maritime safety at NESB scale

T5.1.3_Improve MSPex (MSP geocatalogue explorer) and Navisafe (sDST for maritime safety)

T5.1.4_Feed new outputs for EMODnet & Knowledge sharing platform (including Geographic dashboards integrated)

➢ **Potential synergies: WP2 + WP3 + WP4**

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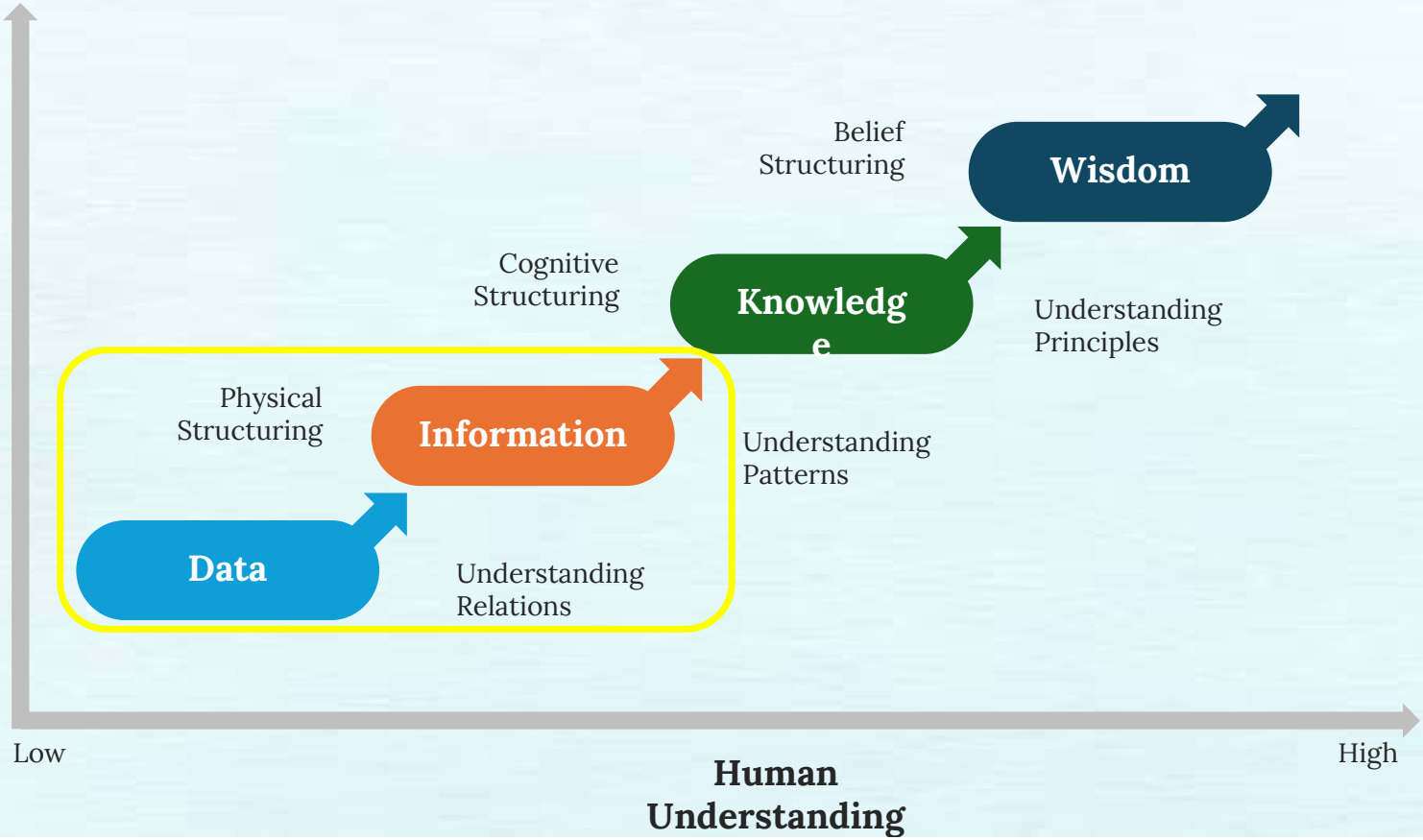

❖ NESBp WP5 – *Challenges for MSP*

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Strenghten data services in EMODnet for MSP stakeholders

- **Roadmap**

  T5.2.1_Identify data gaps and needs on EMODnet for MSP practitioners

  T5.2.2_Input data categorization based on MSPdf (TEG, 2023)

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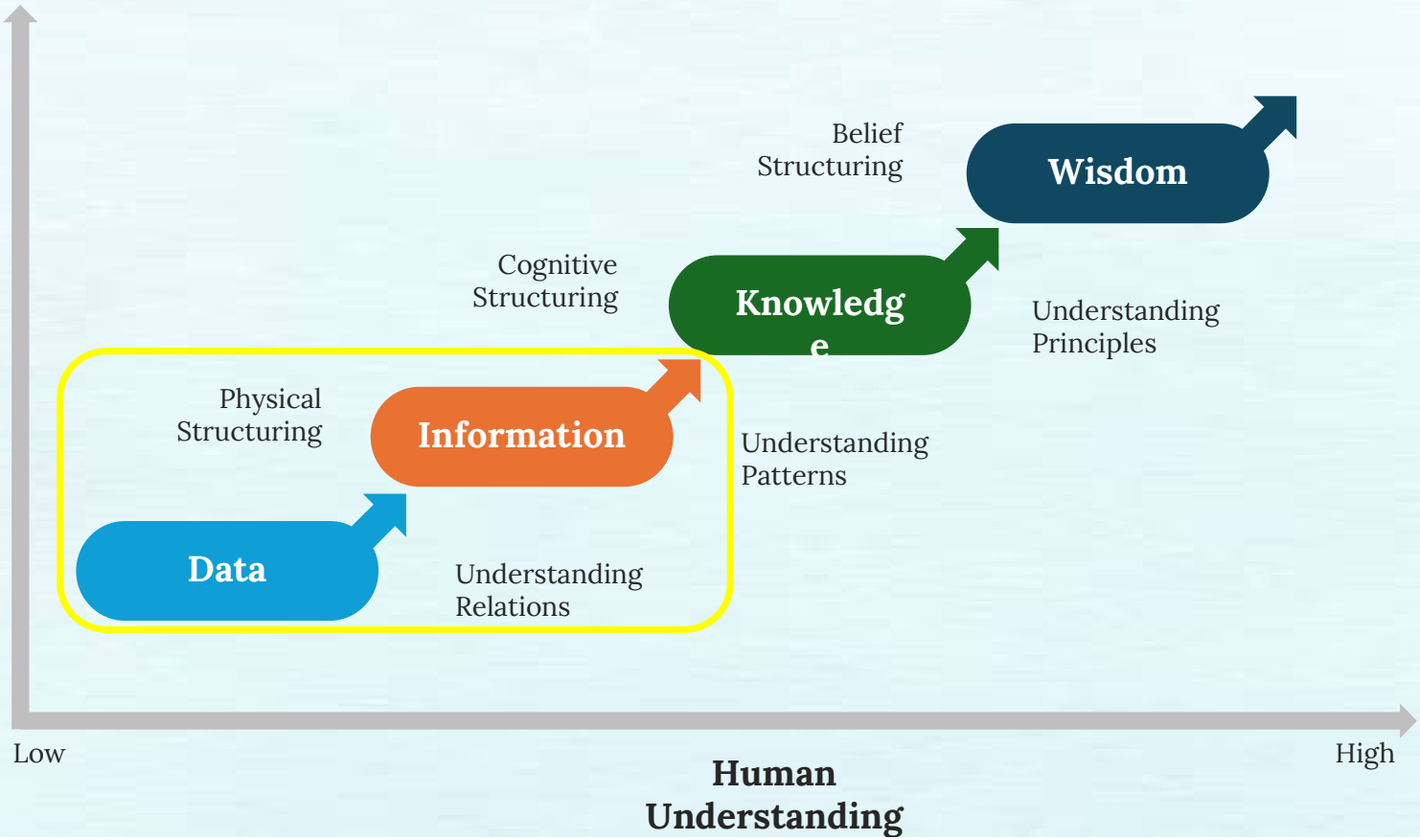

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Geographic dashboard/synthetic map

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  T5.3.1_Establishing guiding principles for the quality of information displayed in participative processes

  T5.3.2_Assessment (Greater North Sea scope) of the quality of information displayed during past participative processes

  T5.3.3_Set of essential maps and indicators (through a dashboard) for public awareness on MSP process (Greater North Sea scope)

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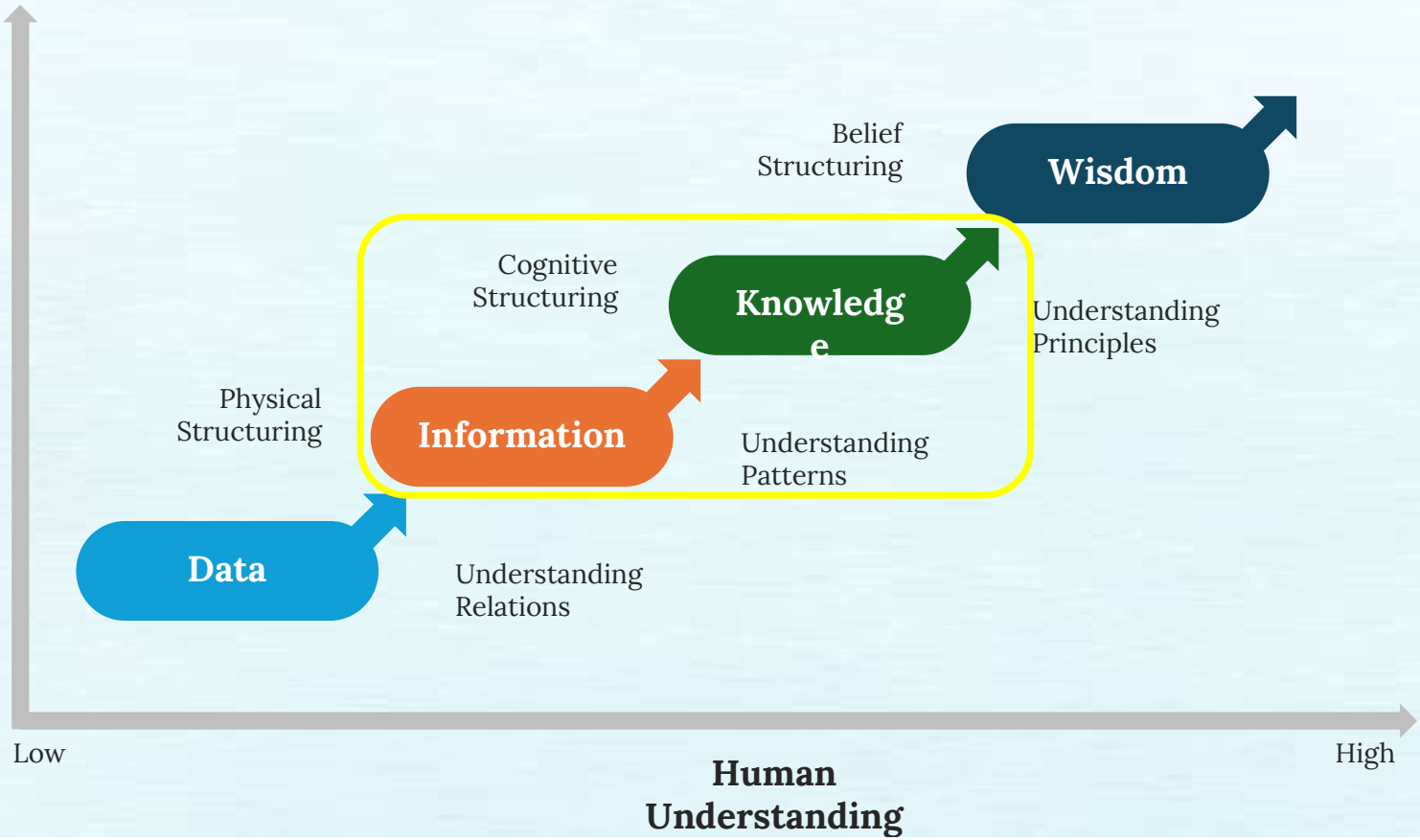

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➢ **WP5 content – T5.4 : MINI&W (Deltares)** + Shom + Cerema + Seascape Belgium + HELCOM + MINLVVN
Development of knowledge-sharing plateform

- **Roadmap**

  T5.4.1_General overview and gap analysis: what will serve MSP community and share the same language?

  T5.4.2_Harvesting datasets (mainly public soucrces) for the proof-of-concept: viewer Compendium

  T5.4.3_Provide information tailored to end-users' needs (e.g. collect maps from GNSBI countries and WT, produce additional maps, etc.)

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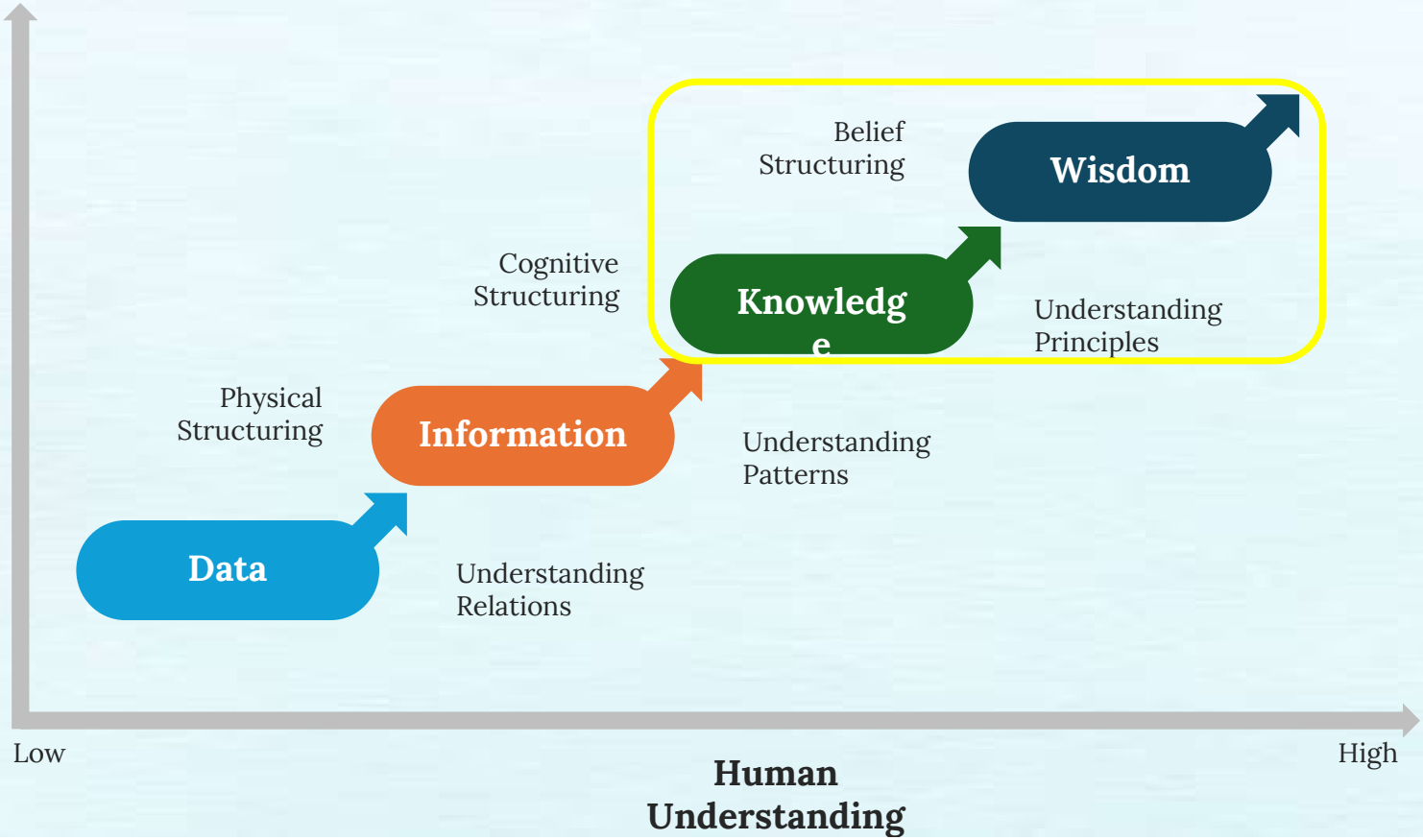

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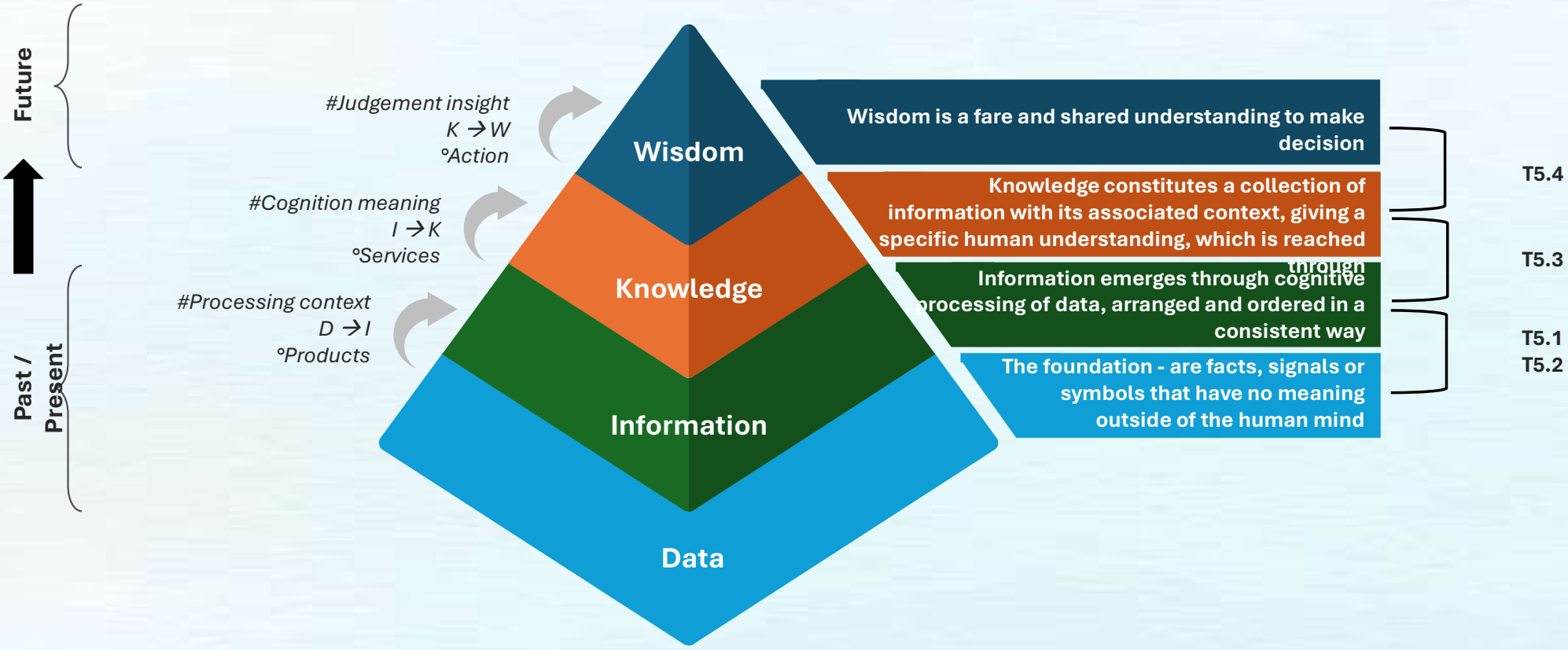
➢ **Covering of several aspects into the DIKW approach**



❖ NESBp WP5 – *On the tracks*

➢ WP5 timeline

	Gap analysis phase		Mapping phase				Completion/reflection phase						
ACTIVITY	**YEAR 1 /2024**		**YEAR 2 /2025**				**YEAR 3 /2026**				**YEAR 4 /2027**		
	Q3	**Q4**	**Q1**	**Q2**	**Q3**	**Q4**	**Q1**	**Q2**	**Q3**	**Q4**	**Q1**	**Q2**	**Q3**
T5.1 – Maritime safety key-dimension → *Shom*						D5.1			MS15			D5.2	D5.6
T5.2 – Strenghten EMODnet → *Seascape Belgium*													D5.3
T5.3 – Geographic dashboard/synthetic map → *Cerema*								MS16			D5.4		
T5.4 – Knowledge-sharing plateform → *MINI&W (Deltares)*										D5.5			

❖ NESBp WP5 – *Perspectives*

➢ *Open questions*

EMODnet

- What do people expect from EMODnet products?
- Are users happy with the way EMODnet makes available its data ?

Knowledge-sharing plateform

- Who is the target audience of the platform?
- What types of information and knowledge are expected (Nature protection/ Governance/ climate change…)?
- How do we integrate the types of knowledge and information/data requests for the platform from the different working tracks (Nature, Fisheries, etc.) into one cohesive and integral overview?
- *Which criteria will we all (GNSBI-wide) set and maintain to prioritize incoming platform requests to the WT Knowledge? (Marjoleine l'avait elevé)*
- How (frequency, way/method, in-person or online, etc.) do we best involve "external" close stakeholders such as MSP, NSEC sg2, EDITO, and dataspecialists in the GNSBI member organizations throughout the planning, development and testing stages of the platform?

Climate Change

- How integrate Climate Change scenarios (IPCC scenarios) for improving the prospective aspect of our MSP plans?

❖ NESBp WP5

Thanks / Hartelijk dank / Danke / Tak / Takk / Dziękuję / Ačiū / Paldies / Tänan teid / Kiitos / Merci