



Connecting the world around ocean forecasting



OceanPrediction DCC plans and Regional Teams architecture

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What is OceanPrediction DCC?

2020: THE OCEAN FORECAST WE HAVE



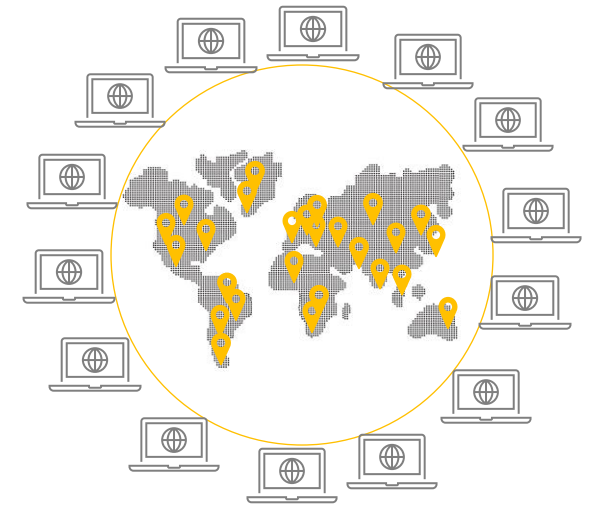
- Useful but partially disconnected services
- Poor presence in developing countries

OceanPrediction DCC VESSEL

Captain: UN Ocean Decade
Chief engineer: Decade actions and DTO
Crew: OceanPrediction DCC community
Navigator: OceanPrediction DCC



2030: THE OCEAN FORECAST WE WANT



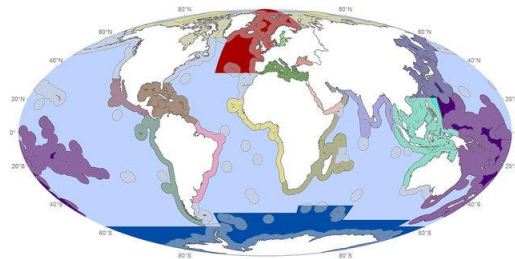
- Connected community and services
- Many robust systems worldwide



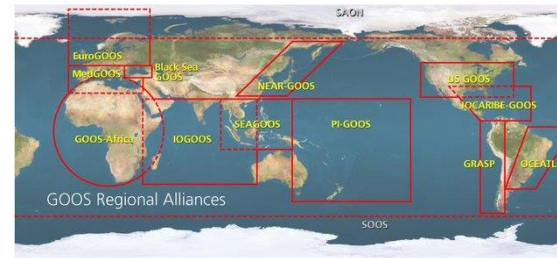
Oceanprediction DCC regional teams:

Promoting the implementation and use of ocean forecasting systems worldwide

UNEP regional seas



GOOS regional alliances



- Region 1: West Pacific and MSEA
- Region 2: Indian seas
- Region 3: African seas
- Region 4: Mediterranean and Black Sea
- Region 5: North-East Atlantic
- Region 6: South and central America
- Region 7: North America
- Region 8: Arctic
- Region 9: Antarctic

“Boots on the ground” work:

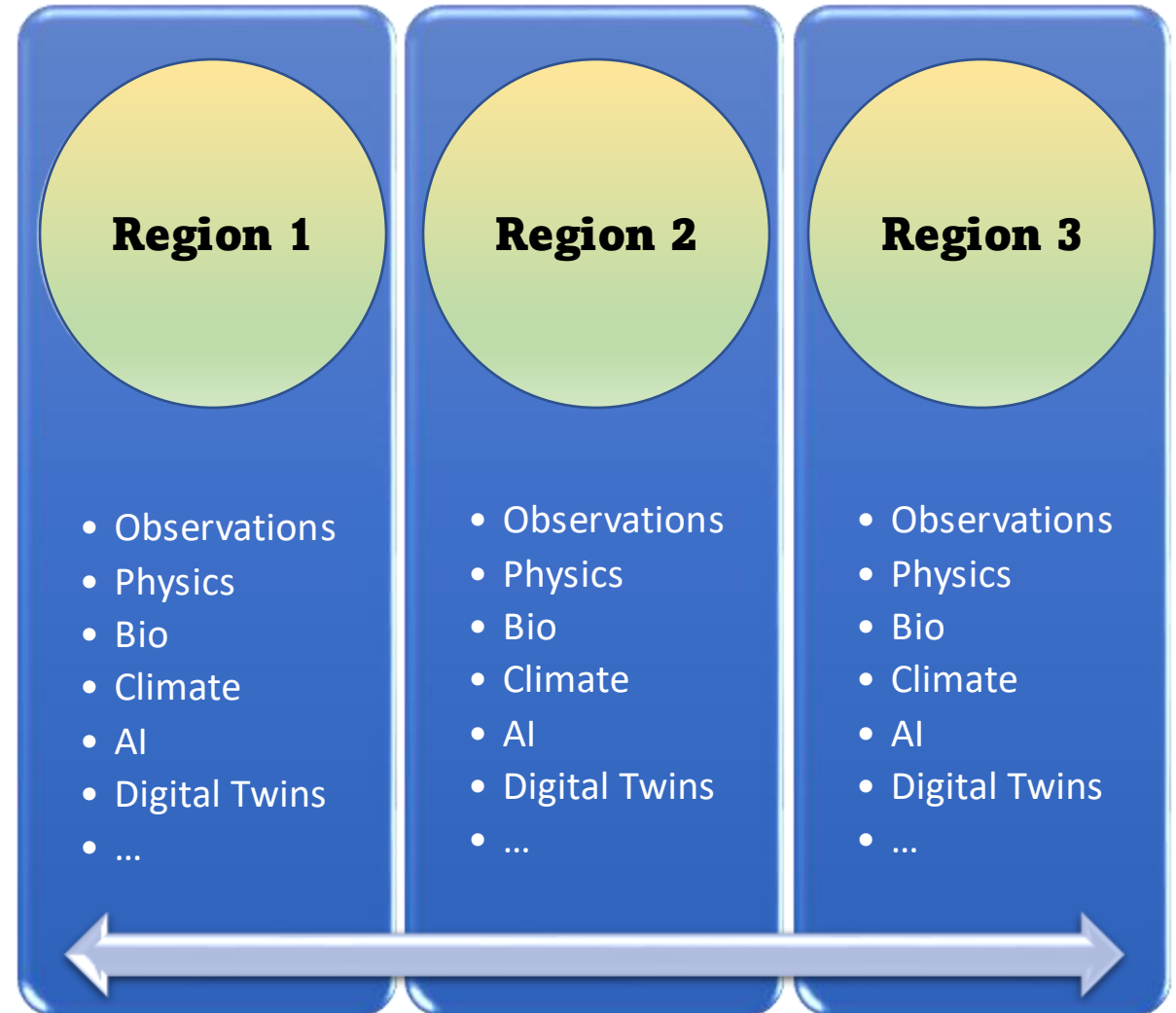
- Identify and attract a wide community: scientist, users, private sector, NGOs, etc...
- Support decade actions related to ocean forecasting
- Identify gaps and ways forward
- Capacity building
- Advocate for implementation of Best Practices, Standards and Tools
- ...



Governance of the Regional Teams

Regional team main components:

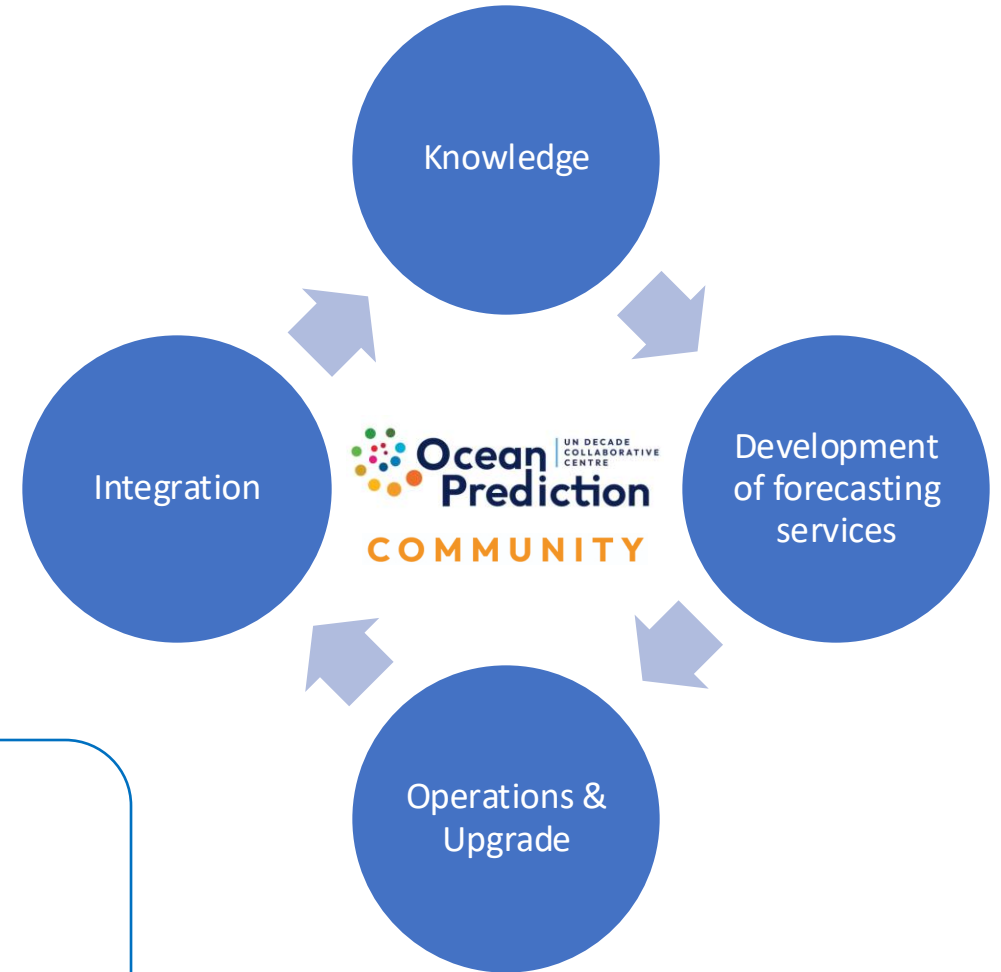
- A Regional focal point
- A Steering team





The ocean forecasting we need

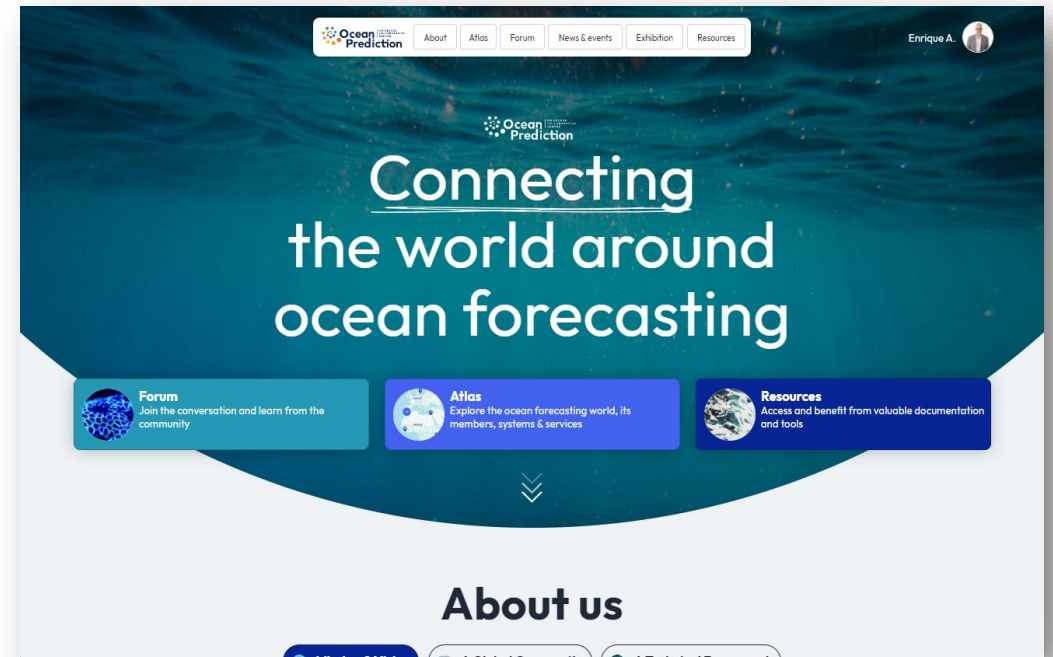
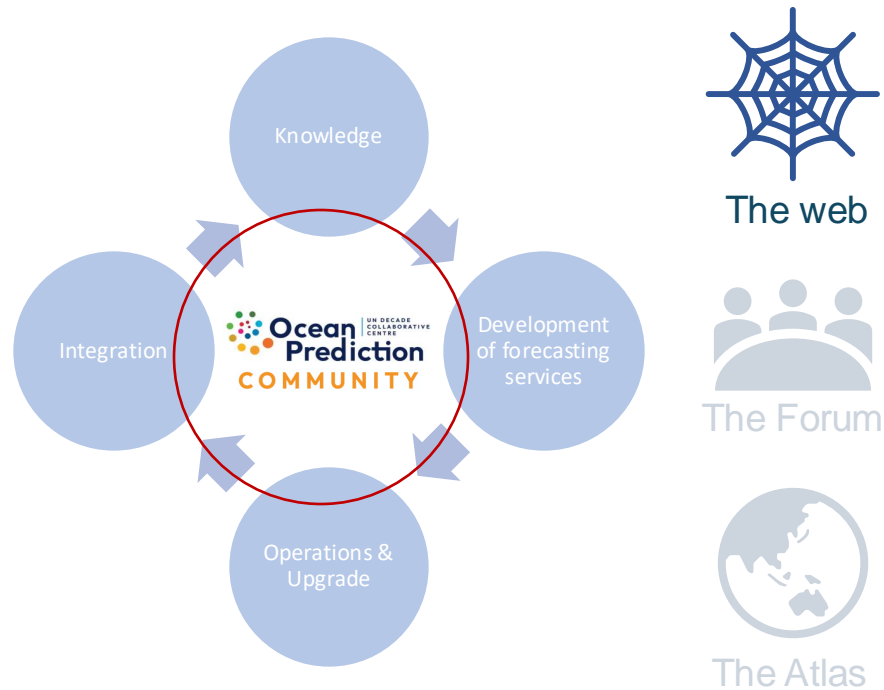
- OceanPrediction DCC is promoting collaboration towards the ocean forecasting we need.
- A virtuous loop implemented by our community
- OceanPrediction DCC is building the assets to make it possible





Building a community with our Regional Teams

<https://www.unoceanprediction.org/en>

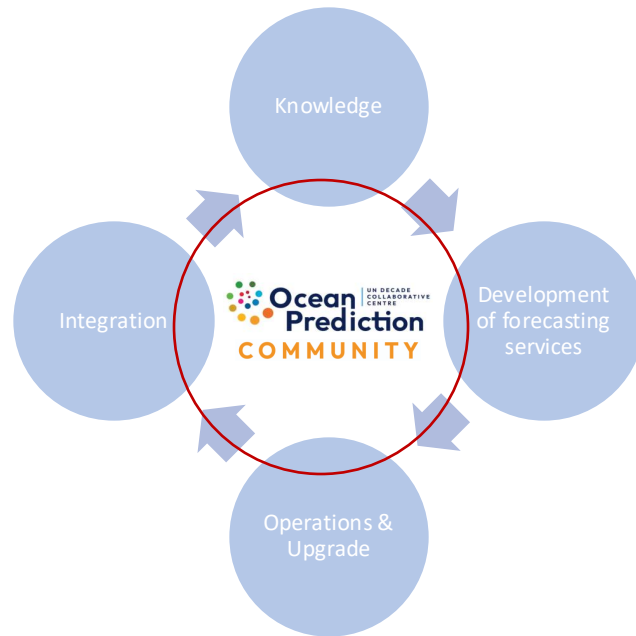




Building a community with our Regional Teams



<https://www.unoceanprediction.org/en>



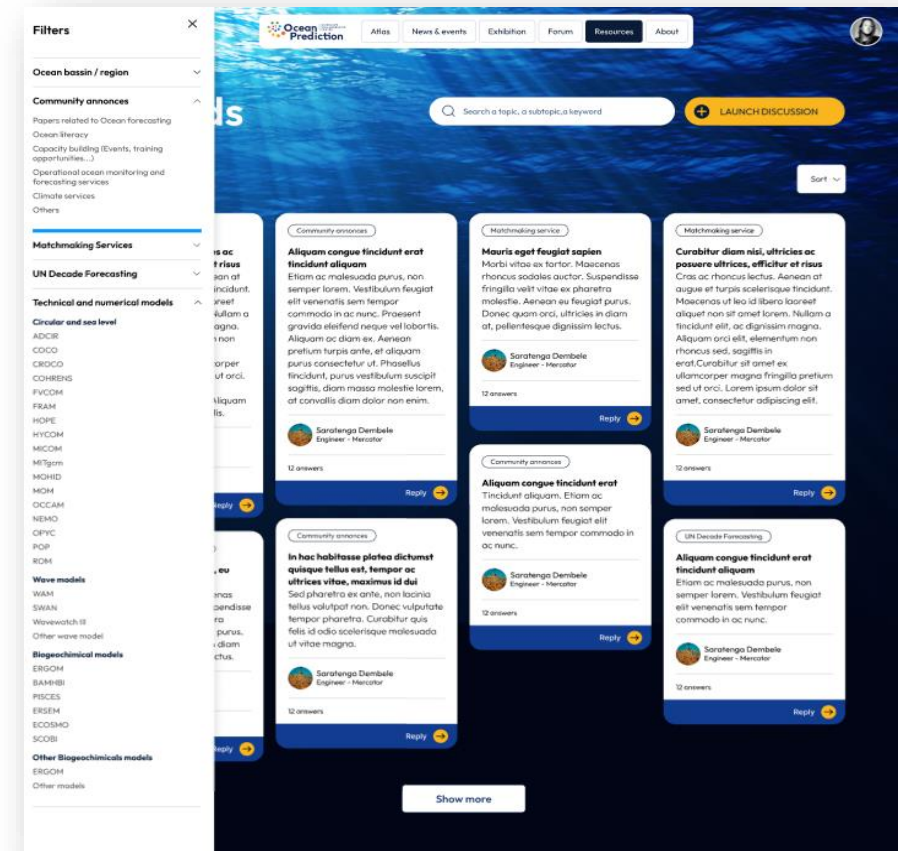
The web



The Forum

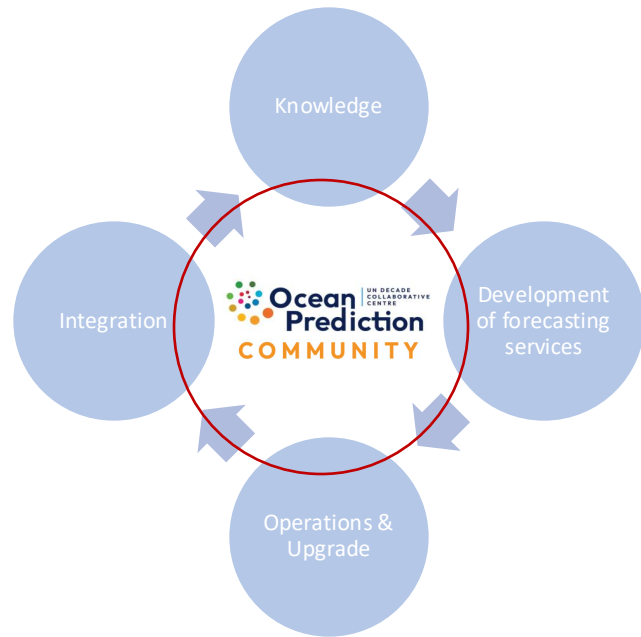


The Atlas





Building a community with our Regional Teams



The web



The Forum



The Atlas



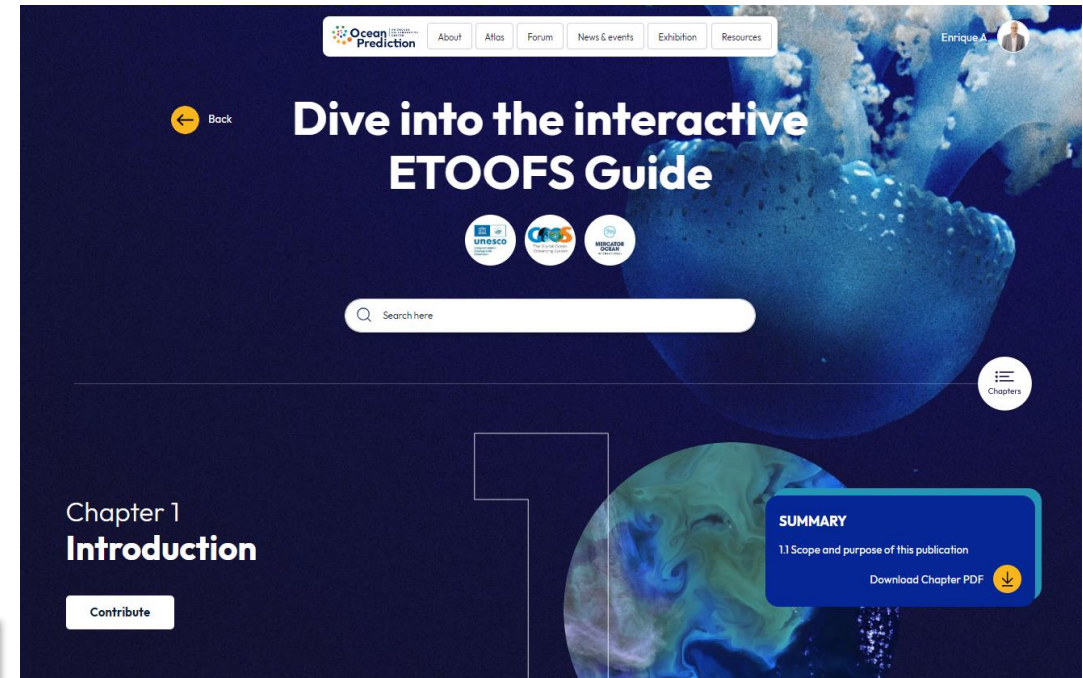
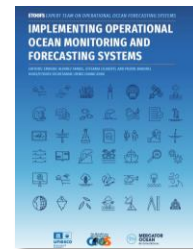
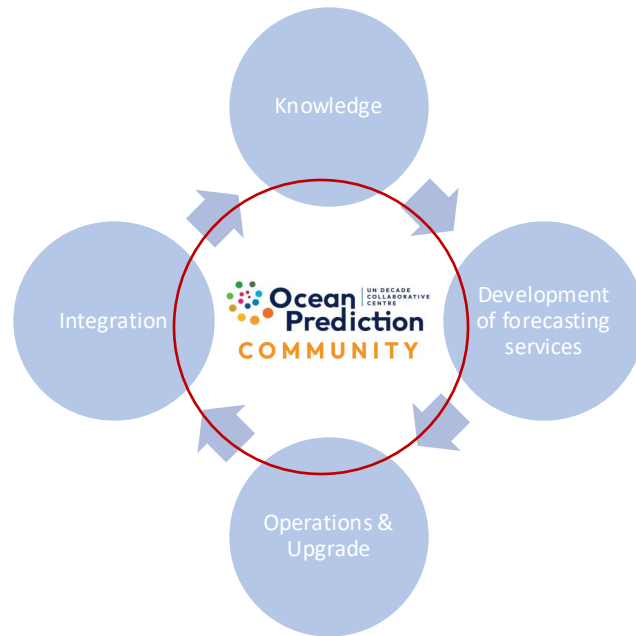
<https://www.unoceanprediction.org/en>



Building our shared knowledge



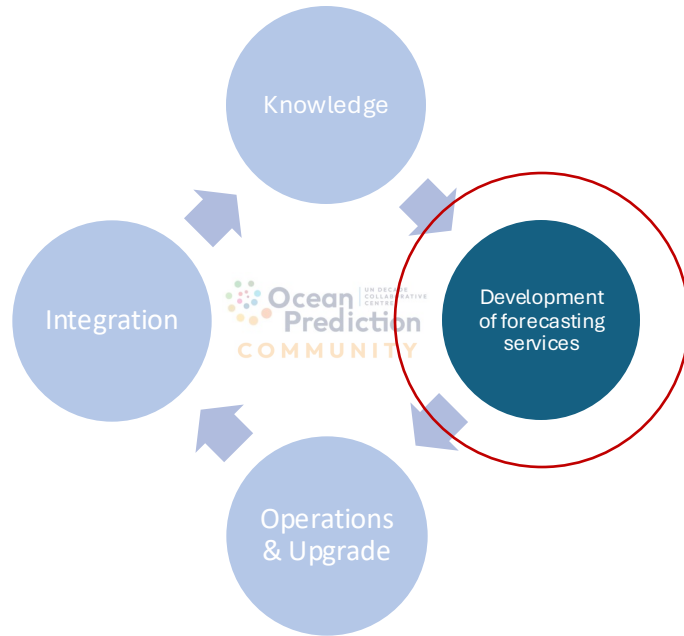
<https://www.unoceanprediction.org/en/resources/etoofs-guide>



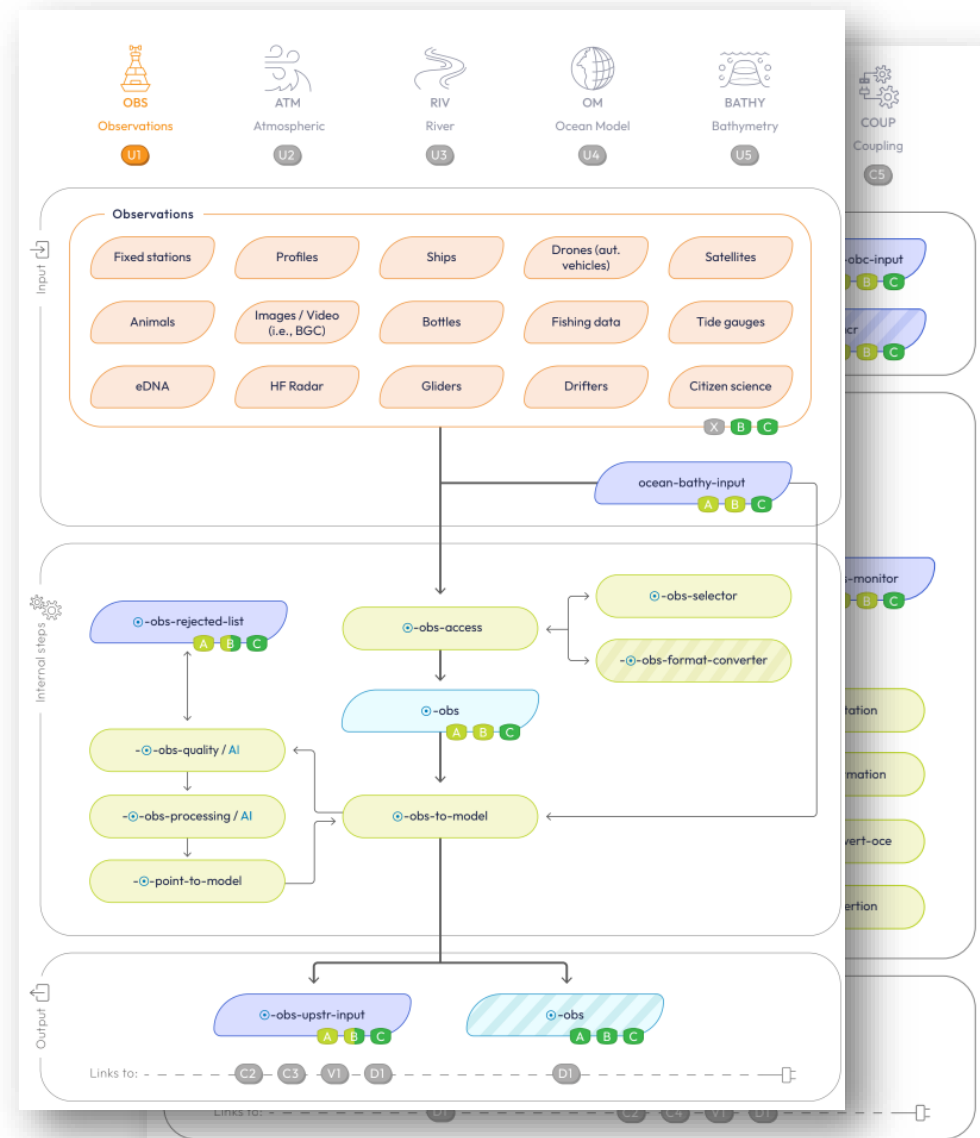
- A community compilation of our shared knowledge
- Now available on wiki format



Building robust Ocean forecasting services

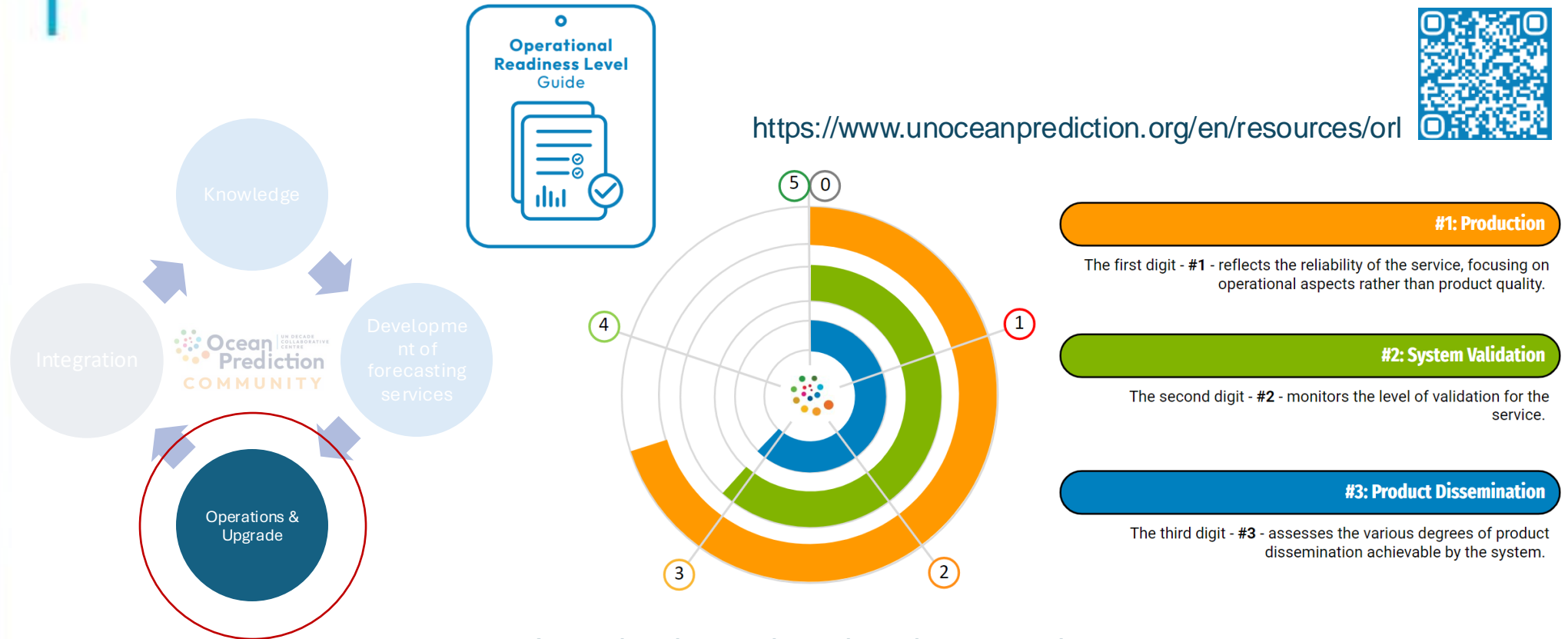


<https://www.unoceanprediction.org/en/resources/architecture>





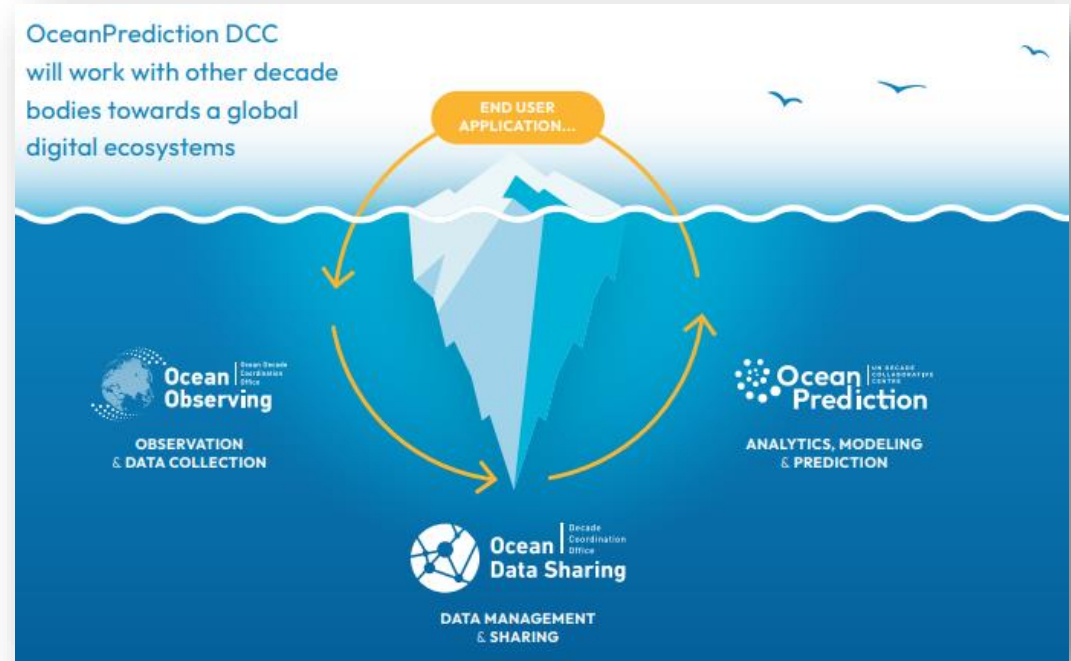
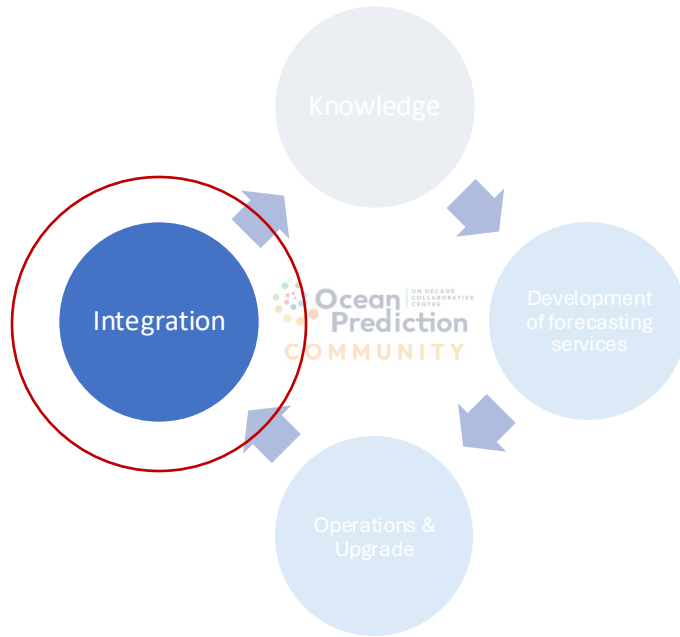
Operating and improving Ocean forecasting services



- A mechanism to introduce best practices
- A way to promote the evolution of the ocean forecasting
- A mechanism to endorse services to join common frameworks



One ocean, one digital ecosystem



A collection of logos for partner organizations, including: UN environment programme GEMS OCEAN, Ocean Prediction Capacity of the Future ForeSea, Ocean best practices, NASA SEA LEVEL CHANGE Observations from Space, DITTO Digital Twins of the Ocean, and GOS CoastPredict with The Global Ocean Observing System.



Conclusions

- OceanPrediction DCC will work in close collaboration with Decade partners to promote Ocean Forecasting and its applications during the Decade
- A community is organized around the Regional Teams
- The first results of this effort are visible:
 - Architecture
 - ORL
 - Atlas
 - Forum
 - ... more to come
- Register at <https://www.unoceanprediction.org/en>