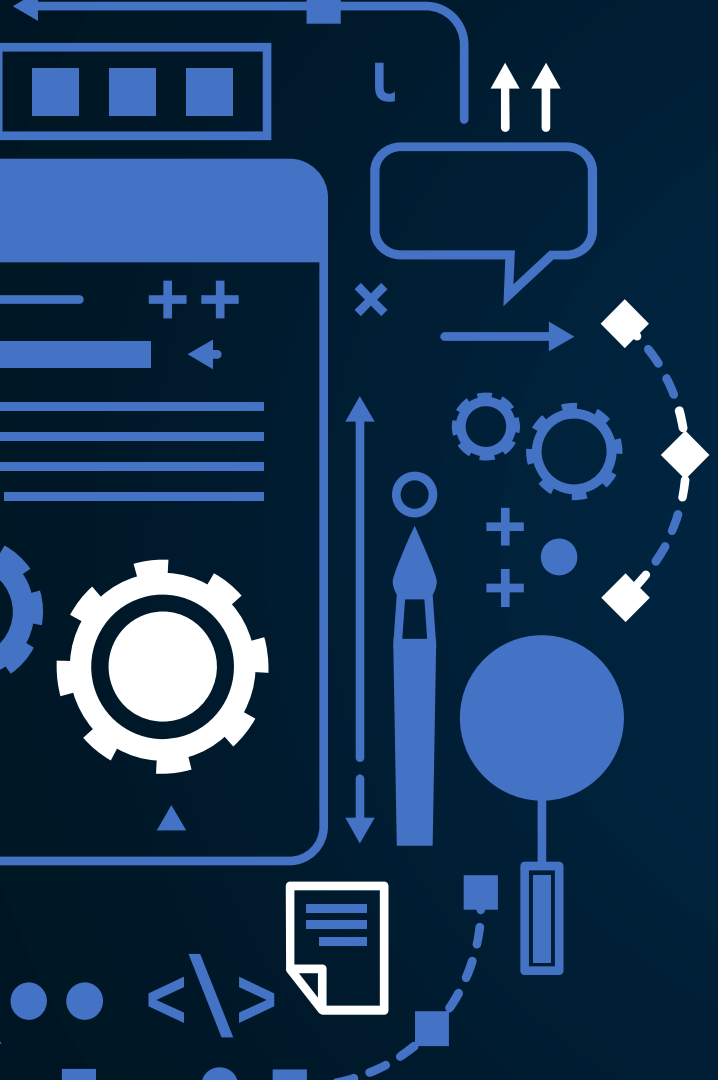
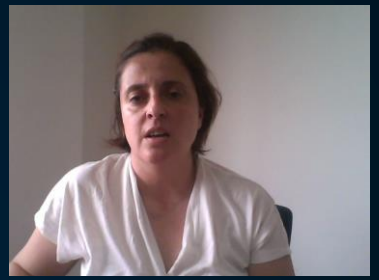


The European Information Catalogue of Marine Research Infrastructures

Sandra Sá, Information Manager
infrastructures@eurocean.org

eurocean

Fostering marine science and technology, everyday!



The European broker for Ocean Science and Technology

Independent, non-profit, scientific organization based in Lisbon, Portugal

Funded in 2002 by the Portuguese Foundation for Science and Technology (FCT) and Ifremer

Aims to support European marine science and technology advances

Promotes information exchange, cooperation and collaboration among its members, the ocean community and society

Harmonised and integrated system

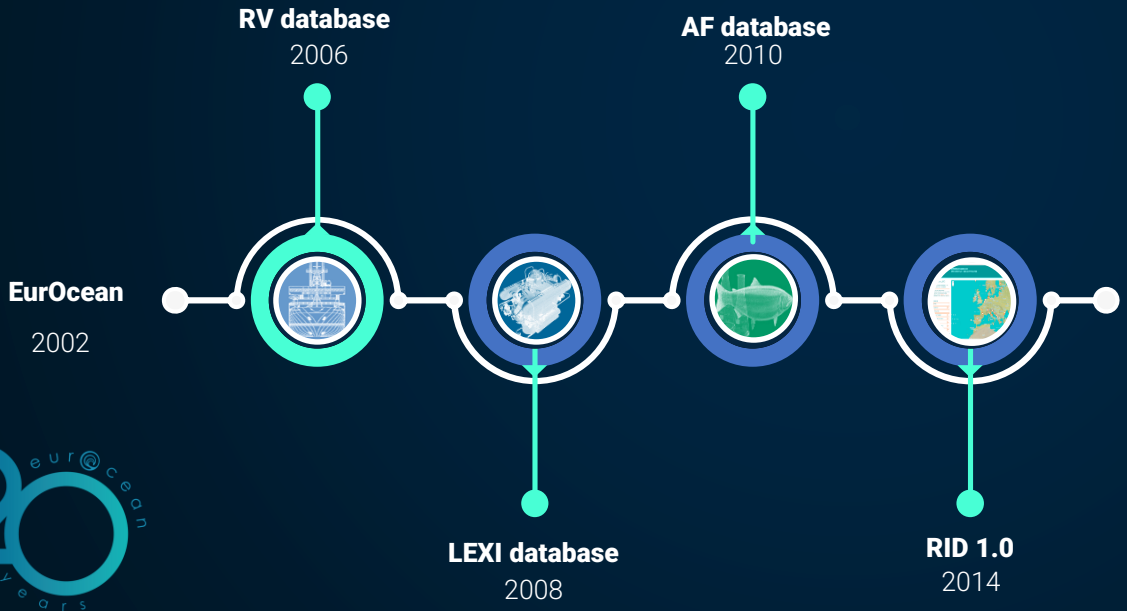
Compatible with standards and vocabularies

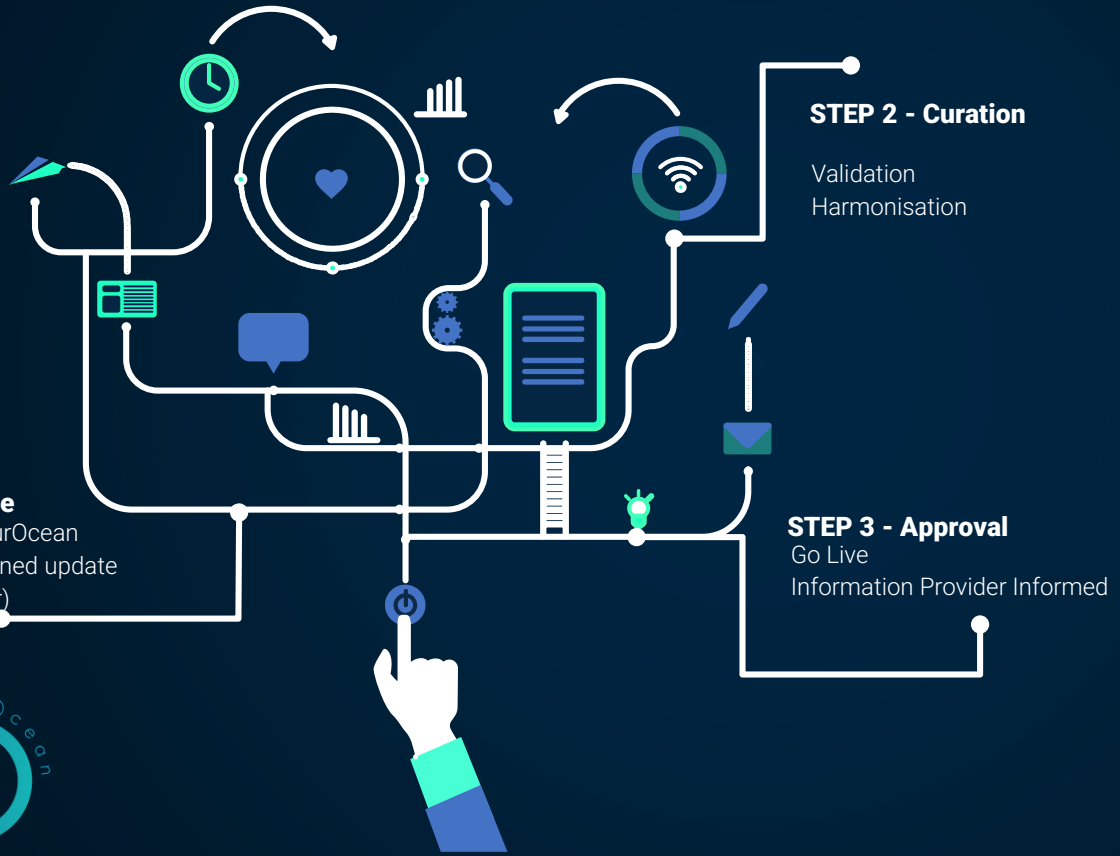
Streamlined update process

Improve the filtering and the displaying functions

Easier evolution

Technical, scientific and operational information





STEP 1- Update
Request from EurOcean
Adhoc or unplanned update
(Owner/operator)

STEP 2 - Curation

Validation
Harmonisation

STEP 3 - Approval
Go Live
Information Provider Informed

Collaborations

Networks

Projects initiatives

Convergence issues

Technical requirements

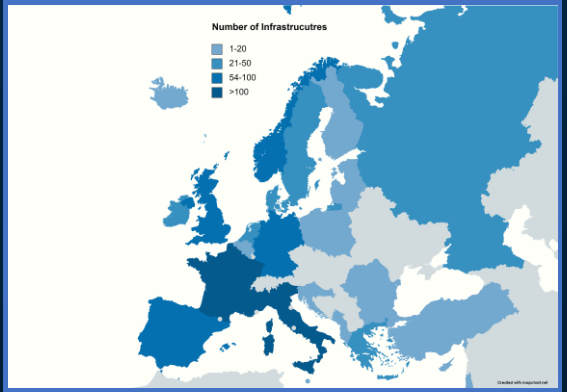
Detailed specifications

Integrated system

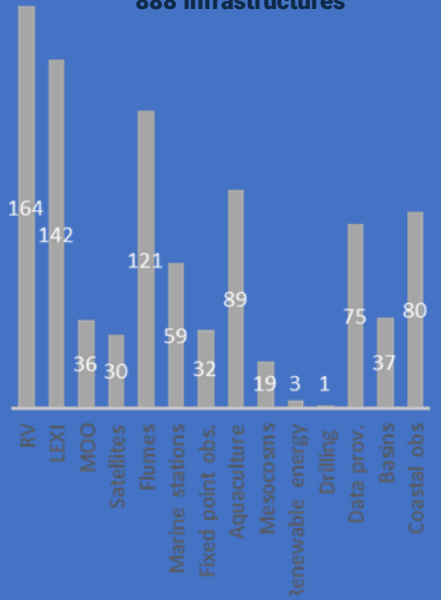
15 categories

Research vessels
Underwater vehicles and large equipment
Mobile ocean observatories
Satellites for seas and oceans observation
Flumes and test labs for ocean engineering
Marine biology stations
Fixed point open ocean observatories
Aquaculture research facilities
Marine mesocosms facilities
In situ test sites for ocean renewable energy
Deep ocean drilling research facilities
Marine data providers
Basins
Coastal observatories

35 countries



888 infrastructures



Research Vessels

92
ERVO certified vessels

141
LEXI

Realtime Statistics

22
Regional

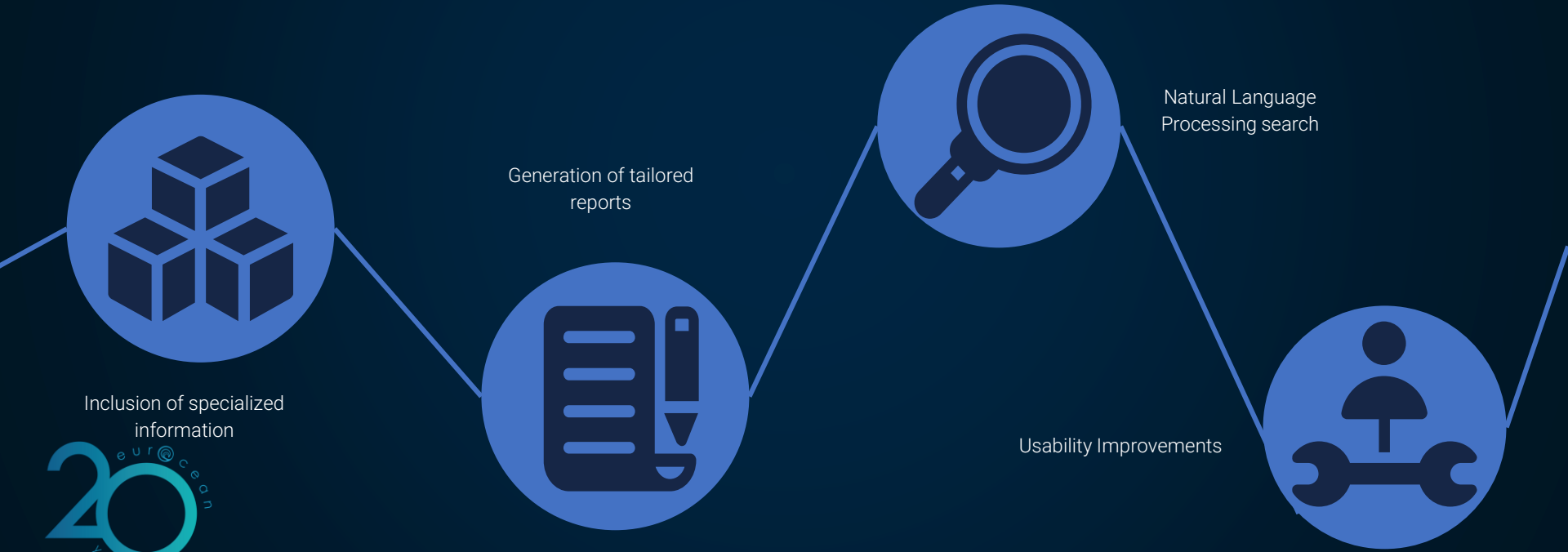
34
Local

9
Oceanic

27
Global

RV AIS Information

RID 3.0


Inclusion of specialized information
Generation of tailored reports
Natural Language Processing search
Usability Improvements

RID 3.0

DATA

Expand the number of data providers an infrastructures

END-USERS

Attract different stakeholders

NETWORKING

New Projects
New Institutions

IMPACT

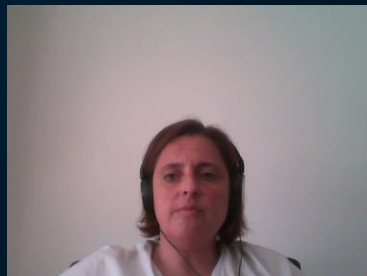
- Opportunities for transnational access
- Streamline access to information
- European Atlas of the Seas
- Think tanks
- H2020 proposals
- Ocean literacy initiatives

Setting-Up a community of Interest

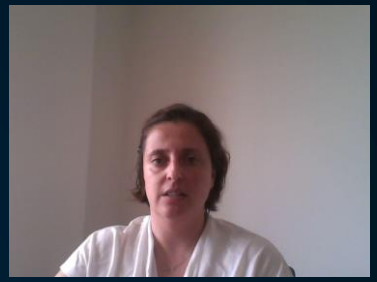
To gather a virtual community around the topic of Infrastructures. Its members will take part in the community to exchange information, to improve their understanding and to share common opportunities.

- Pooling and Sharing initiatives;
- Create oportunities for multidisciplinary innovation and technology development;
- Visiting experts programme;
- Normalisation and quality of information about existent infrastructures.

- Virtual Platform
- Meetings and Events



Conclusion



Since 2006

1st Infrastructures databases

Process

Living database

Powered by

Partnerships and collaborations

Impact

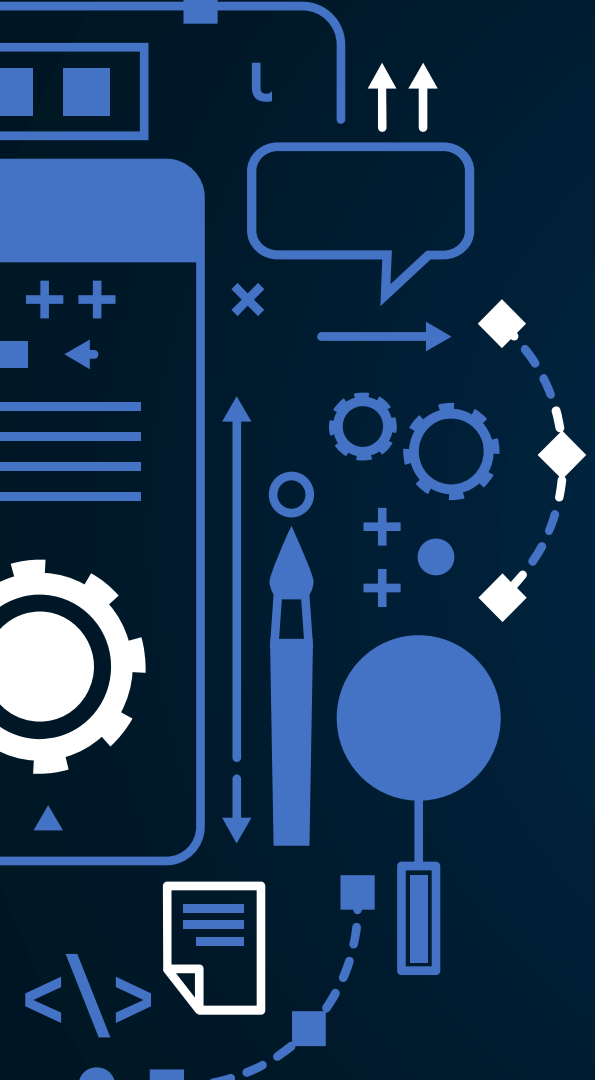
Marine research, policy support and education and training levels

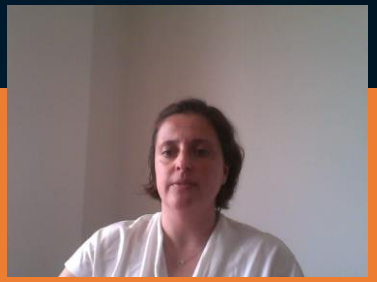
Goals

Most complete database of its kind

Future

More users
New functionalities
More data





THANKS!

Does anyone have any question?

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EurOcean

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