

5-7 November, Barcelona, Spain



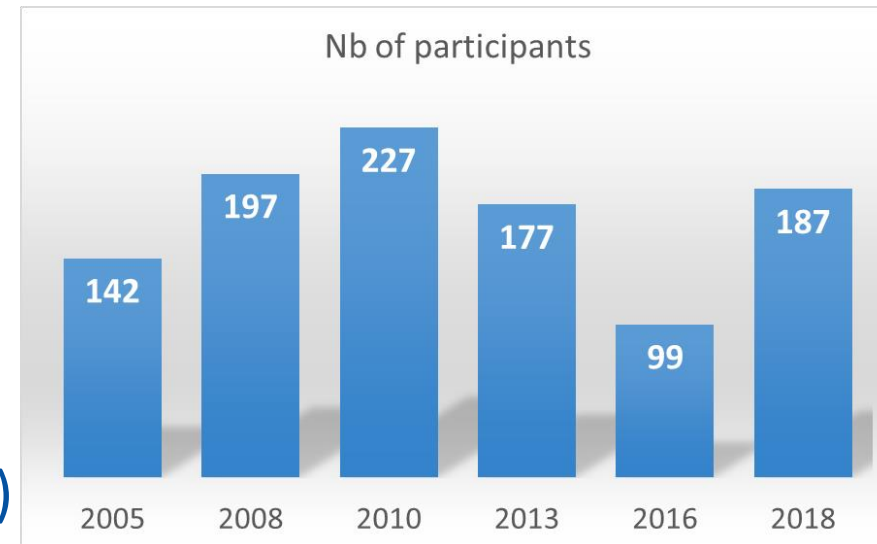
International conference on **Marine Data and Information Systems**



❖ IMDIS conferences

6th conference of a series which started 13 years ago

- 2005 in Brest, France (IFREMER)
- 2008 in Athens, Greece (HCMR)
- 2010 in Paris, France (IFREMER)
- 2013 in Lucca, Italy (ENEA)
- 2016 in Gdansk, Poland (IO PAN)
- 2018 in Barcelona, Spain (UTM-CSIC)





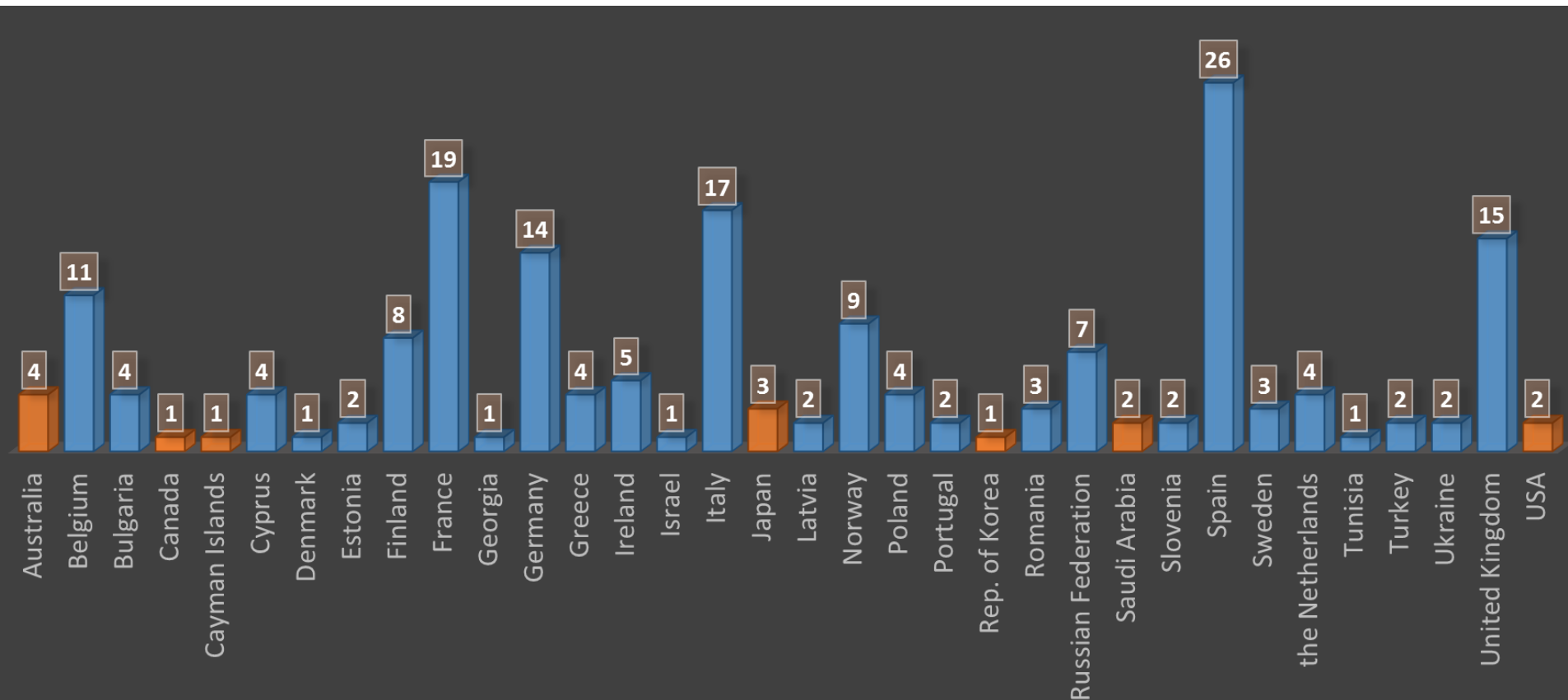
IMDIS 2018, 5-7 November, Barcelona



187 participants

34 countries

❖ Number of participants / country



❖ Abstract selection

- 164 abstracts received
 - 113 for oral presentations
 - 51 for posters
- 161 abstract selected – 3 rejected (out of scope)
 - 55 oral presentations → 2 withdrawn → 53 in the final programme
 - 106 posters → 10 withdrawn → 96 in the final programme

❖ Team work

- ***UTM-CSIC*** for the local organisation
- ***IFREMER*** for the IMDIS Website and Easychair management of the conference (review, mail to authors...)
- ***OGS*** for the edition of the proceedings
- ***IOC/IODE*** for the recording during the conference
- ***Enlarged scientific committee*** for the paper review

❖ IMDIS and SeaDataCloud (1)

- IMDIS 2018 is organised in the frame of the EU-H2020 **SeaDataCloud** project
 - 95.5 K€ of SeaDataCloud budget allocated to IMDIS 2018
 - Budget for local organiser (25 K€)
 - Budget for recording and making available the videos (12.5 K€)
 - Travel budget for all SDC partners (58 K€)
- Same budget planned for IMDIS 2020 edition → call for local organiser who has to be part of the SeaDataCloud consortium

❖ IMDIS and SeaDataCloud (2)

For this reason you will hear a lot about SeaDataNet and SeaDataCloud during this conference

- 7 Oral presentations and
 - 9 Posters
- ➔ Directly linked to SeaDataNet

❖ What is SeaDataNet?



A pan-European infrastructure set up and operated for managing marine and ocean data in cooperation with the NODCs and data focal points of 34 countries bordering the European seas

| | |
|-----------|--|
| 90s | Data and metadata Medar/MedAtlas |
| 2002-2005 | Metadata directories Sea-Search (FP5) |
| 2006-2011 | SeaDataNet (FP6) |
| 2011-2015 | SeaDataNet II (FP7) |
| 2016-2020 | SeaDataCloud (H2020) |

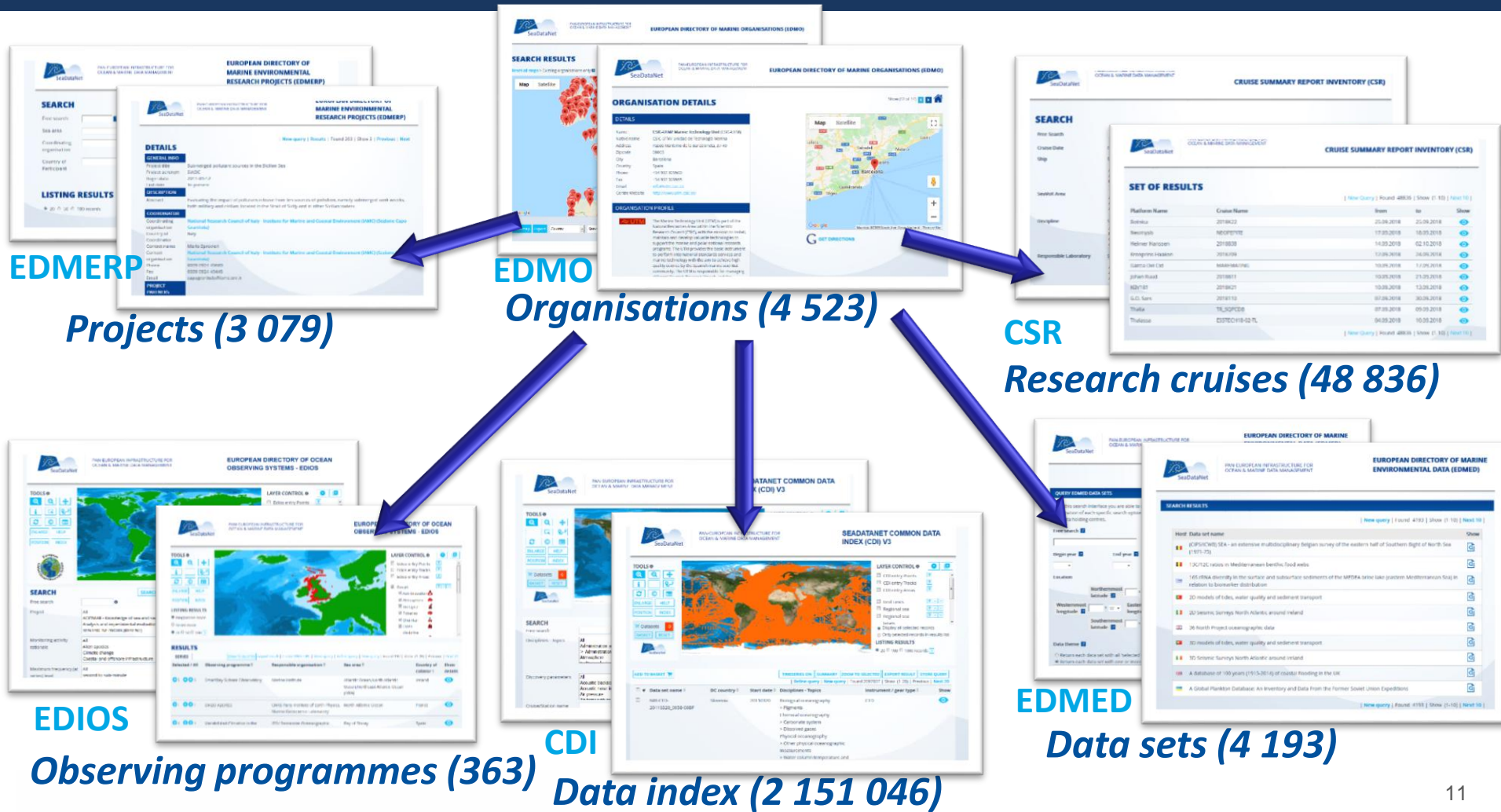
❖ SeaDataNet standards

Set of common standards for the marine domain, adapting ISO and OGC standards and achieving INSPIRE compliance

- **Adoption of ISO 19115 – 19139 standard for describing metadata** on data, data sets, research cruises, monitoring networks, and research projects => marine metadata profiles, schemas, schematron rules
- **Controlled vocabularies** for the marine domain (>84,000 terms in 111 lists), with international governance and web services
- **Standard data exchange formats** : ODV ASCII and NetCDF (CF) fully supported by controlled vocabularies

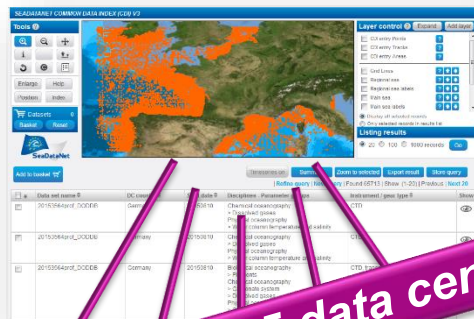
Maintenance and dissemination of standard QA-QC procedures, together with IOC/IODE and ICES





❖ CDI discovery and access service

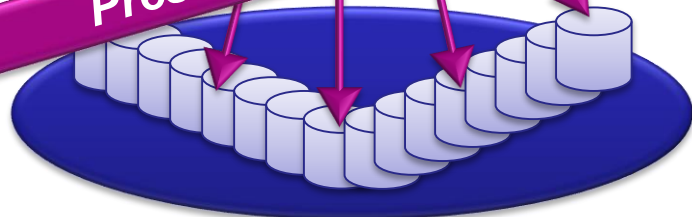
SeaDataNet portal



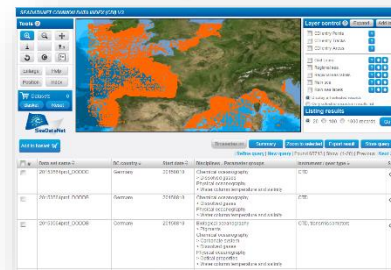
Search and
explore

Data
download

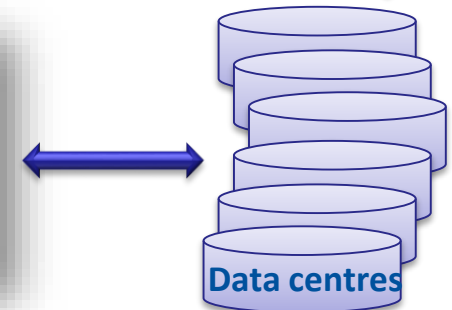
Presently 115 data centres are connected, some are still underway



European data sources
data centres ← ≈ 650 originators



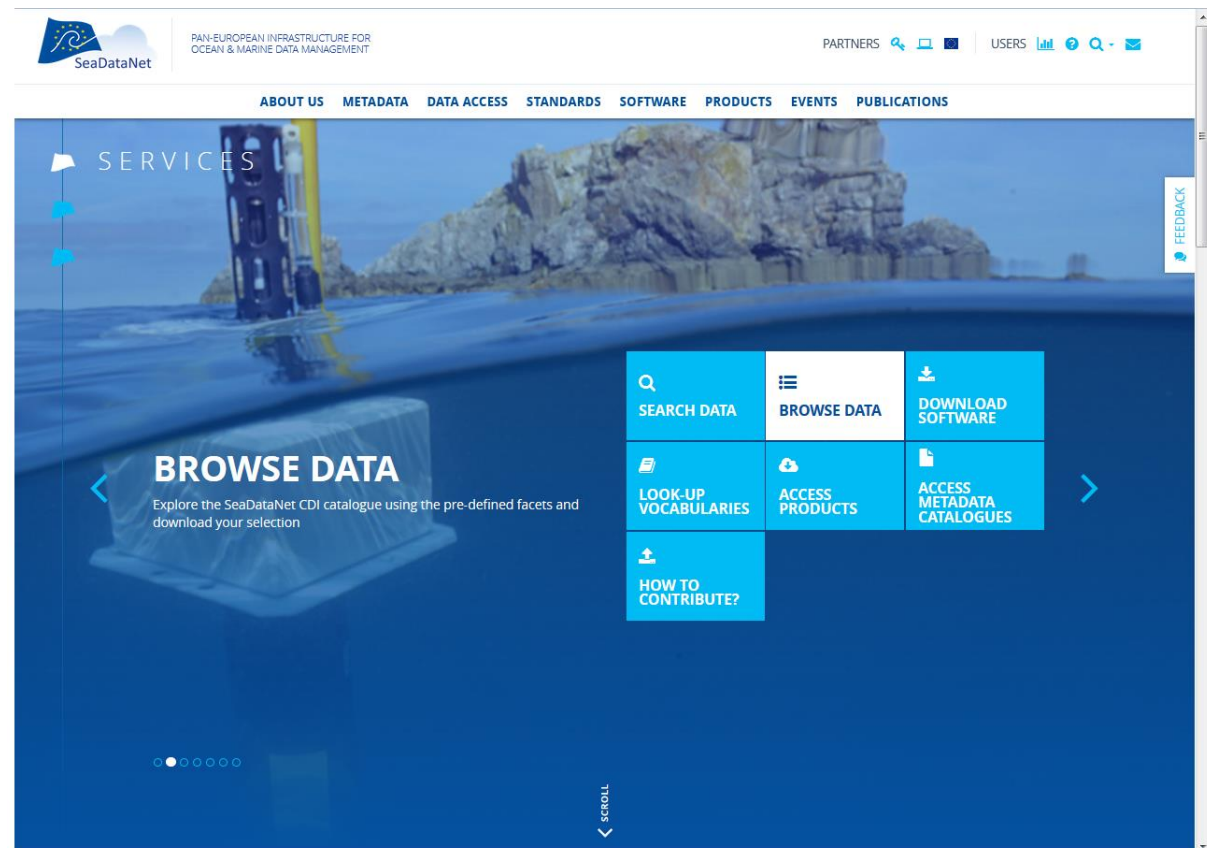
Metadata
+ transaction data



❖ SeaDataNet portal: www.seadatanet.org

Giving access to

- Standards, tools both for data centres and other users
- Data and metadata
- Products



SeaDataNet

PAN-EUROPEAN INFRASTRUCTURE FOR OCEAN & MARINE DATA MANAGEMENT

PARTNERS

USERS

ABOUT US METADATA DATA ACCESS STANDARDS SOFTWARE PRODUCTS EVENTS PUBLICATIONS

SERVICES

BROWSE DATA
Explore the SeaDataNet CDI catalogue using the pre-defined facets and download your selection

SEARCH DATA

BROWSE DATA

DOWNLOAD SOFTWARE

LOOK-UP VOCABULARIES

ACCESS PRODUCTS

ACCESS METADATA CATALOGUES

HOW TO CONTRIBUTE?

FEEDBACK

SCROLL

A large, colorful mosaic sculpture of a crocodile, likely the "El Crocodil" in the Park of Ciutadella in Barcelona. The crocodile is made of small tiles in shades of blue, yellow, and green, and is positioned on a stone ledge. It is facing left, with its mouth open as if drinking water from a fountain. The background shows a park setting with trees and a person's leg on the left.

**We wish you
a very fruitful IMDIS 2018 conference
and a pleasant stay in Barcelona**