DATA MANAGEMENT IN EUROFLEETS+

Thomas Vandenberghe (1), Susana Diez Tagarro (2), Dick Schaap (3), Guillaume Clodic (4), Juan Luis Ruiz (2), Christian Autermann (5), Simon Jirka (5)

1) Royal Belgian Institute for Natural Sciences (Belgium)
2) Consejo Superior de Investigaciones Científicas (Spain)
3) MARIS B.V. (The Netherlands)
4) Institut Français de Recherche pour l'Exploitation de la Mer (France)
5) 52°North (Germany)

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EUROFLEETS+

- Open TNA calls to access the European R/V fleet
- 42 operators
- 2019-2023
- Ship calls
  - Regional
  - OCEAN
  - co-PI
  - Remote

DATA FLOW FOR RESEARCH MANUAL DATA
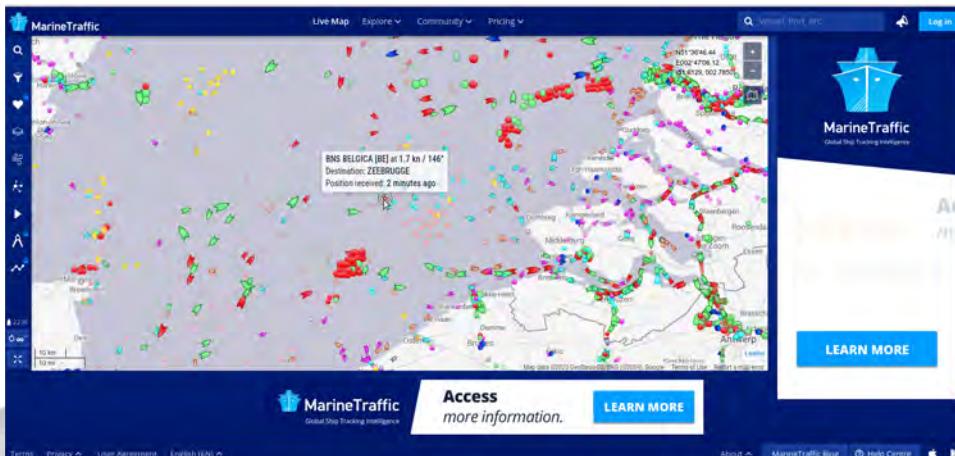
Eurofleets+ campaigns → core data:

- Data paper, single-use data repository (Zenodo,...)
- Disconnect with institutional systems (?), scale benefits absent
- Data dissemination unclear
- Solutions:
    - Data Management Plans
    - Leverage EF+ DM software (EF1 and 2)

DATA FLOW FOR EN-ROUTE DATA

Eurofleets⁺
An alliance of European marine research infrastructure to meet the evolving needs of the research and industrial communities

Remote (N)RT displays

MarineTrafic – AIS
No en-route data
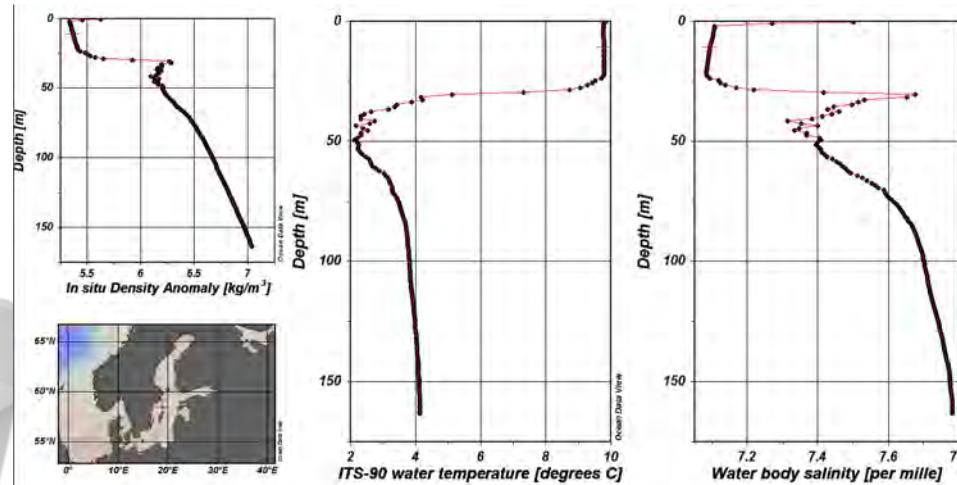
Institutional website – internal system
Not interoperable

DATA FLOW FOR EN-ROUTE DATA
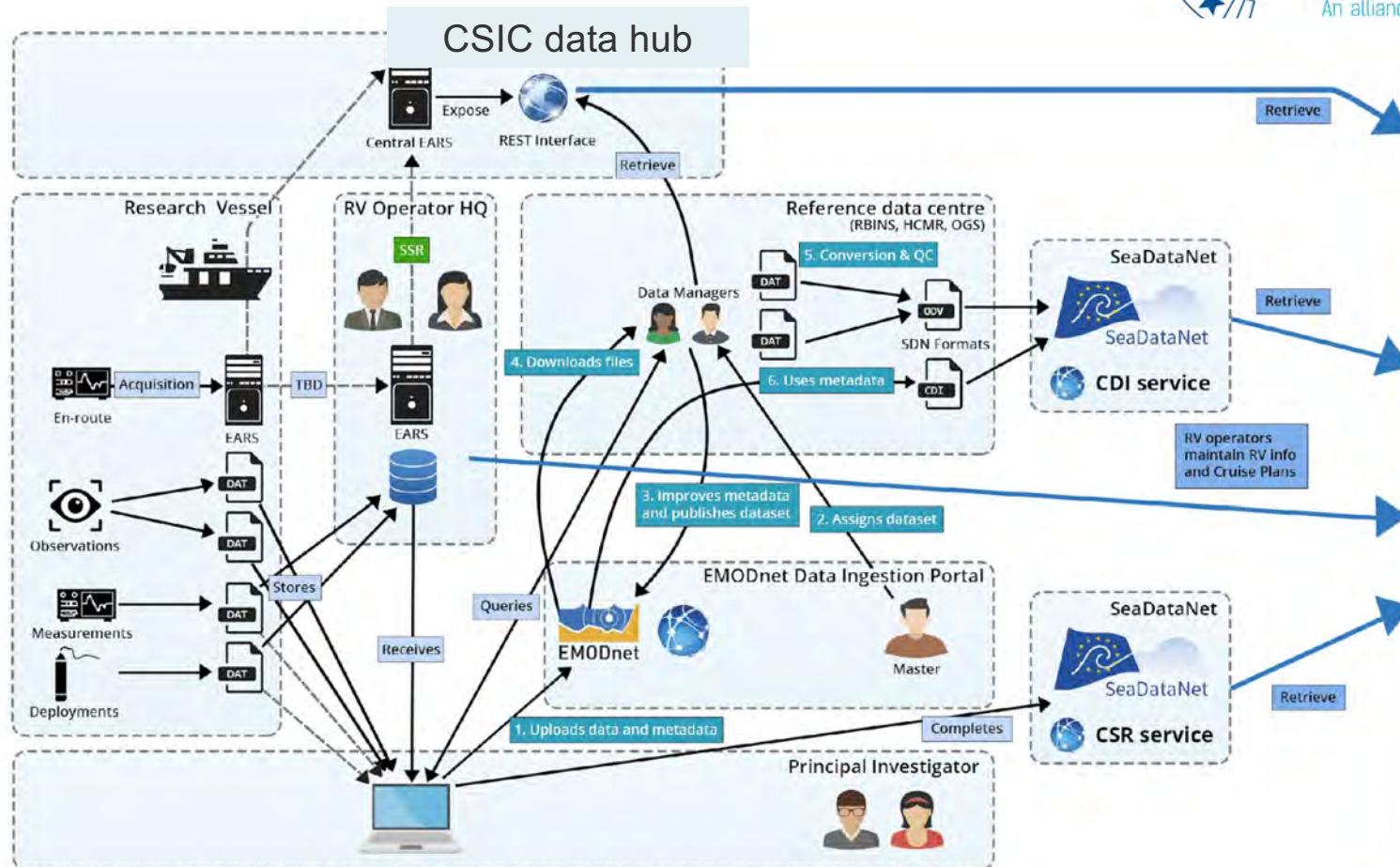
Validation using community tools (ODV, DIVA,...)
Local storage


Delayed uptake into Coriolis, SeaDataNet,...

DATA FLOW FOR MANUAL AND EN-ROUTE DATA
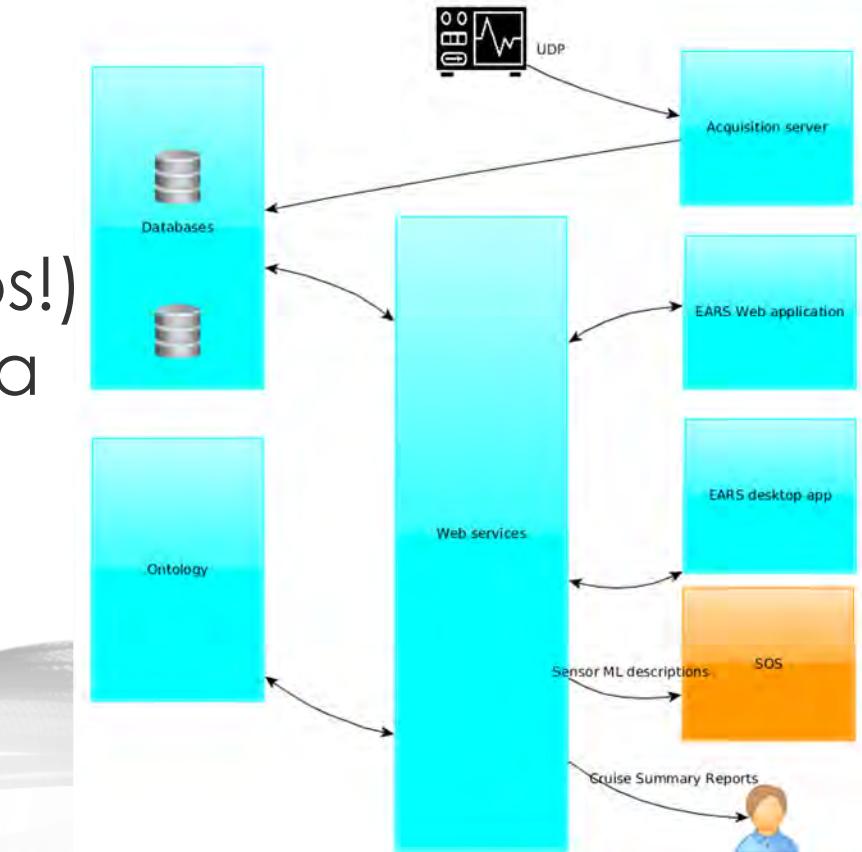
EF+ AUTOMATIC REPORTING SYSTEM

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- EARS = event logger
  - be semantically aware (vocabs!)
  - enrich event with en-route data
  - create complex metadata
    (CSR and SensorML)

INTERACT WITH EARS

Desktop application – synoptic view
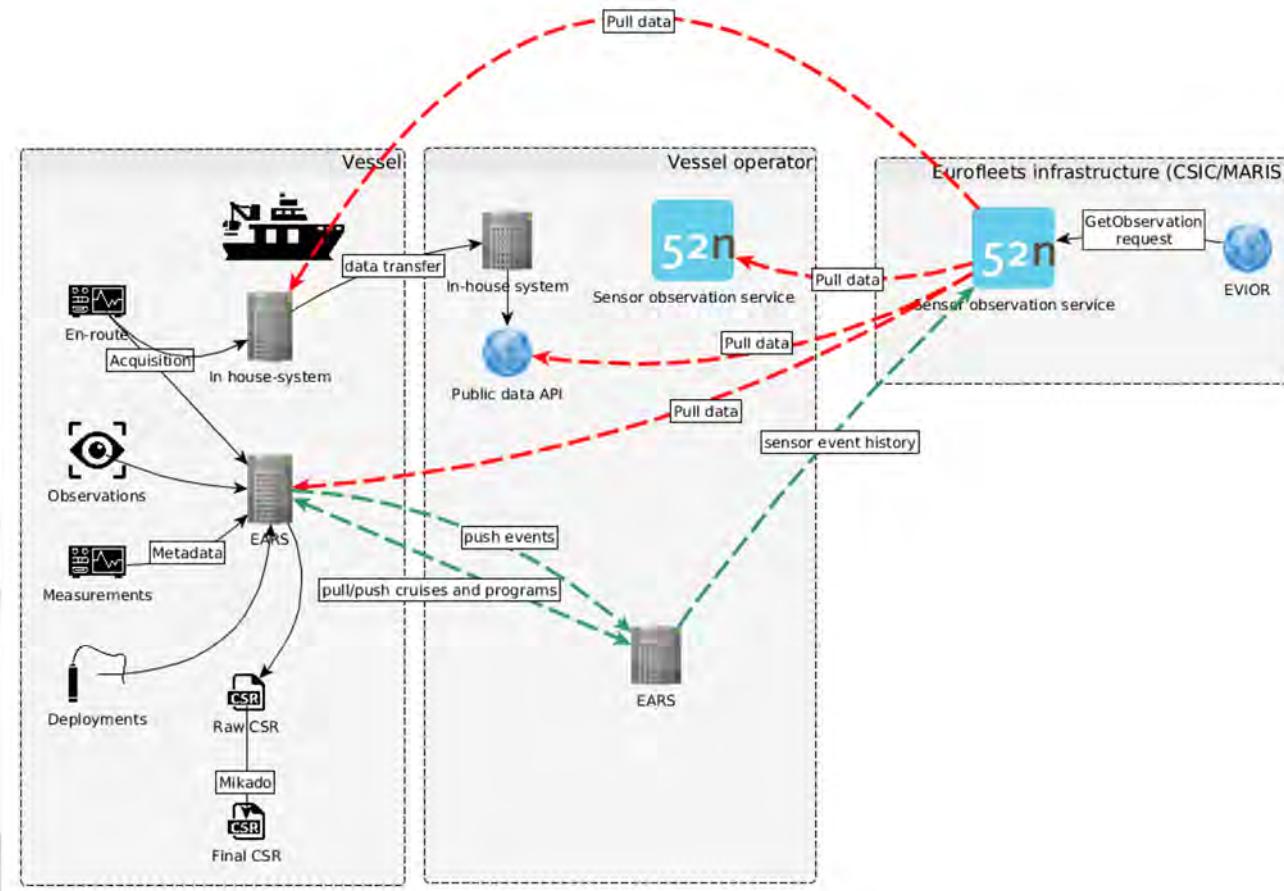
Simple, mobile-friendly web application – on-deck entry

VESSEL-TO-SHORE FLOW
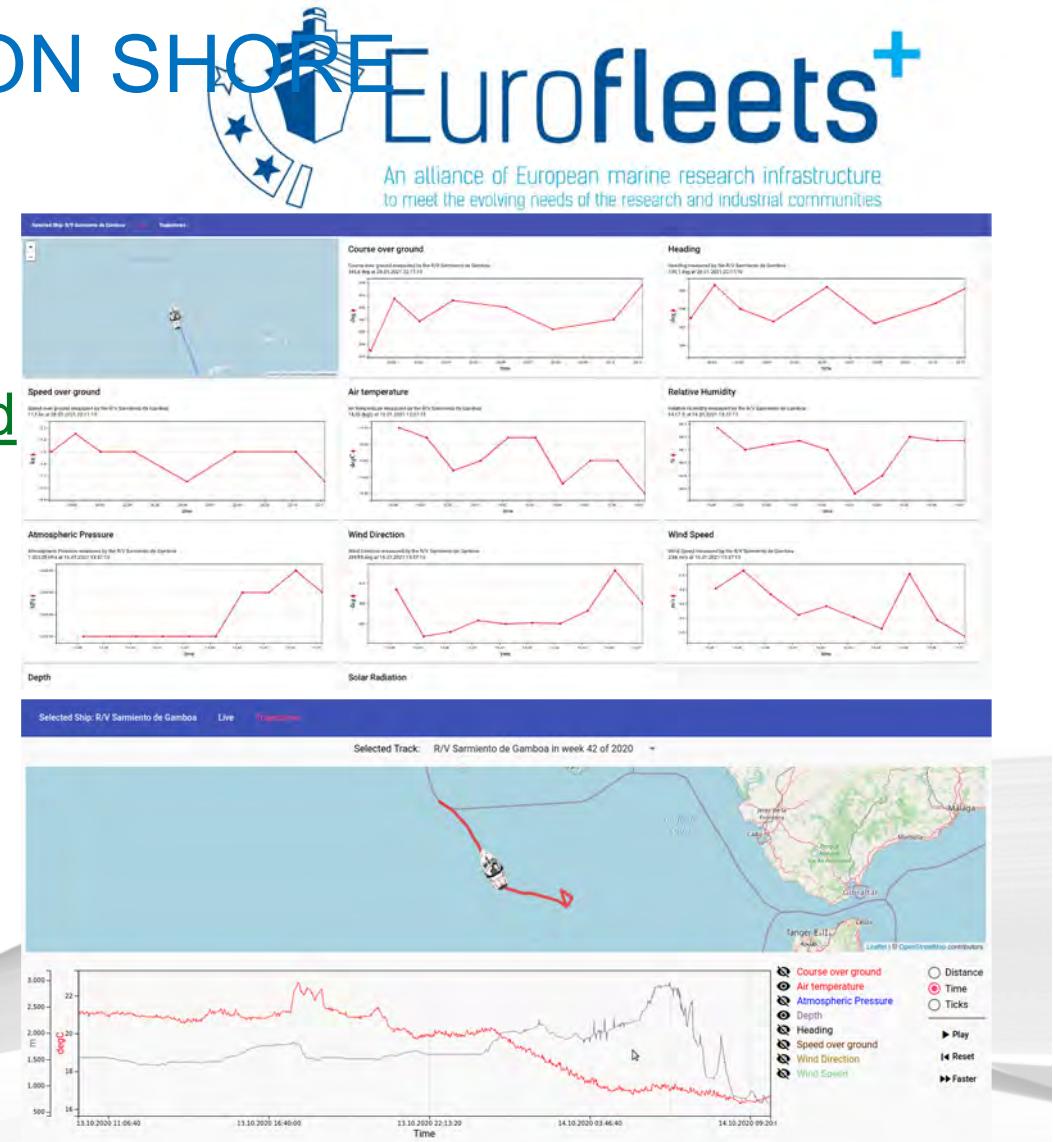
VIEWING SERVICES ON SHORE

UTM-CSIC DATA HUB

http://eurofleets.utm.csic.es/dashboard

- 52°N Sensor Observation Service
- Navigation, Thermosal, Meteo data
- **The way to go**:
  - → FAIR and nice (+INSPIRE)
  - → Data flow to EVIOR portal
- Plug in EF+ R/V
- CSIC configures SOS feeder

SENSOR WEB INTEGRATION