



Network services for MSP “as-is & to-be Use-cases”

<https://www.ericsson.com/en/network-services-for-msp>

Pascal Derycke

Andrej Abramic

Laurent Dubroca

Jose Santiago

Adeline Souf

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as-is

Discoverability & data availability

Use case 1: Discoverability

This new 'Check-it out' addresses again the challenge of the Maritime Spatial Planning with an upgraded version of our tool: how to wrap up all available information on human activities confined to a maritime area in a valuec ...voir plus

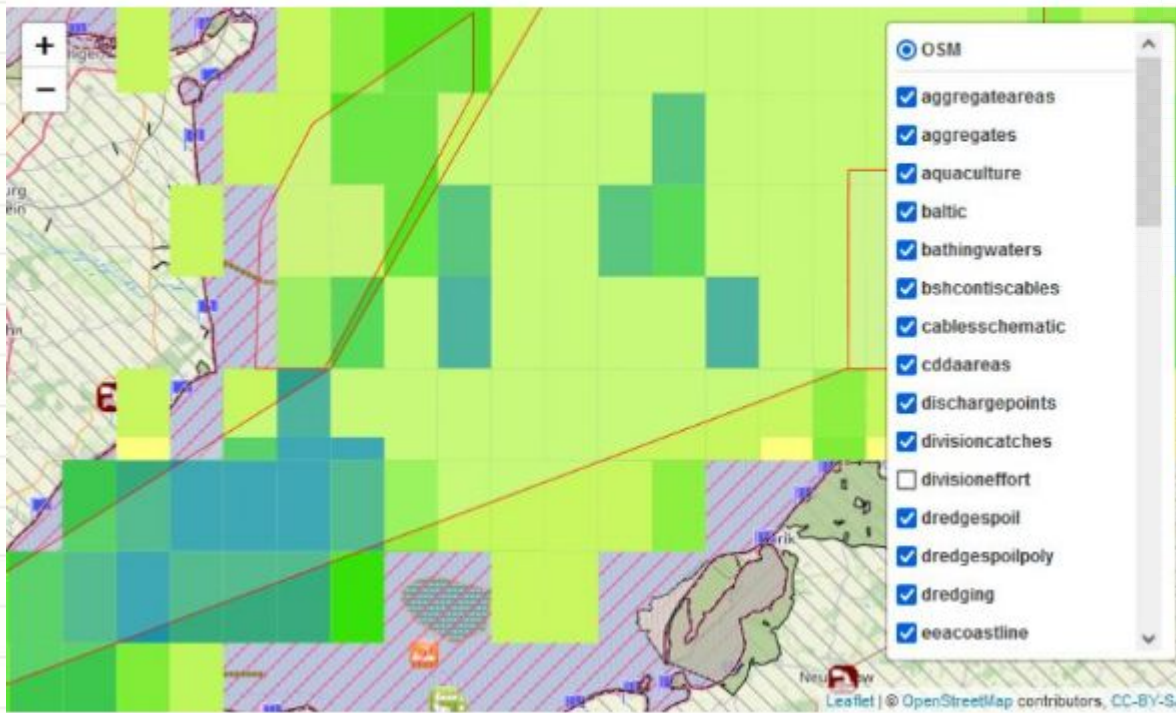
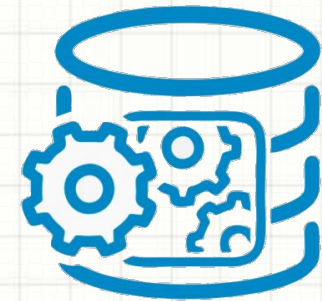
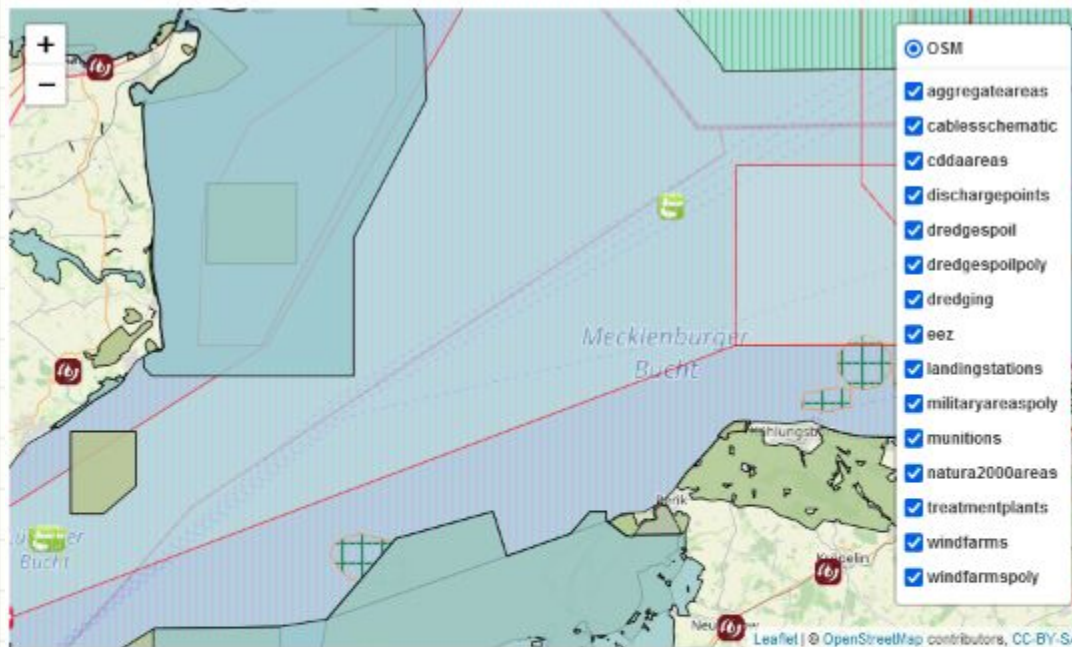


Image processing



http://marine-analyst.eu/dev.py?N=60&O=2418&titre_chap=&titre_page=&maxlat=60.8&maxlon=24.9&minlon=16.7&minlat=56.7&visit=2418

Use case 2: Pipeline routes



3.2 Dataset list

Available information for the defined area

[Aggregate Extraction Areas](#)

[Telecommunication Cables \(schematic routes\)](#)

[Nationally Designated Areas](#)

What Data is available? What data is missing?

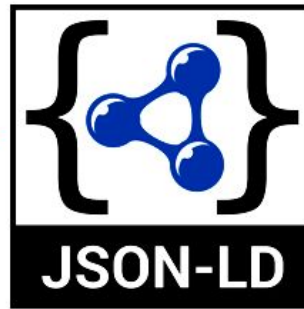
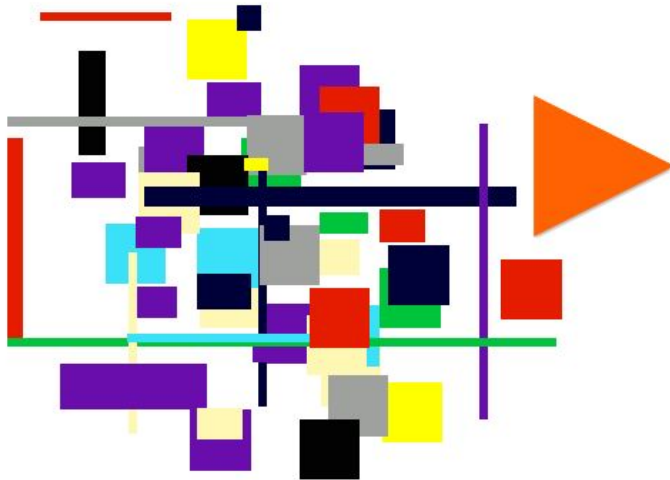


to-be

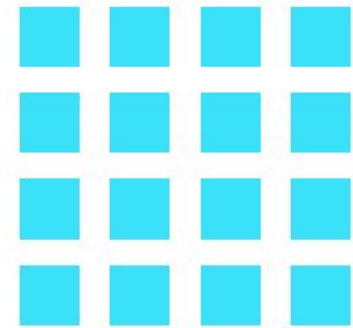
INSPIRE-2 for the Semantic Web
& Big Data analytics

Use case 3: Web of Data

Unstructured Data

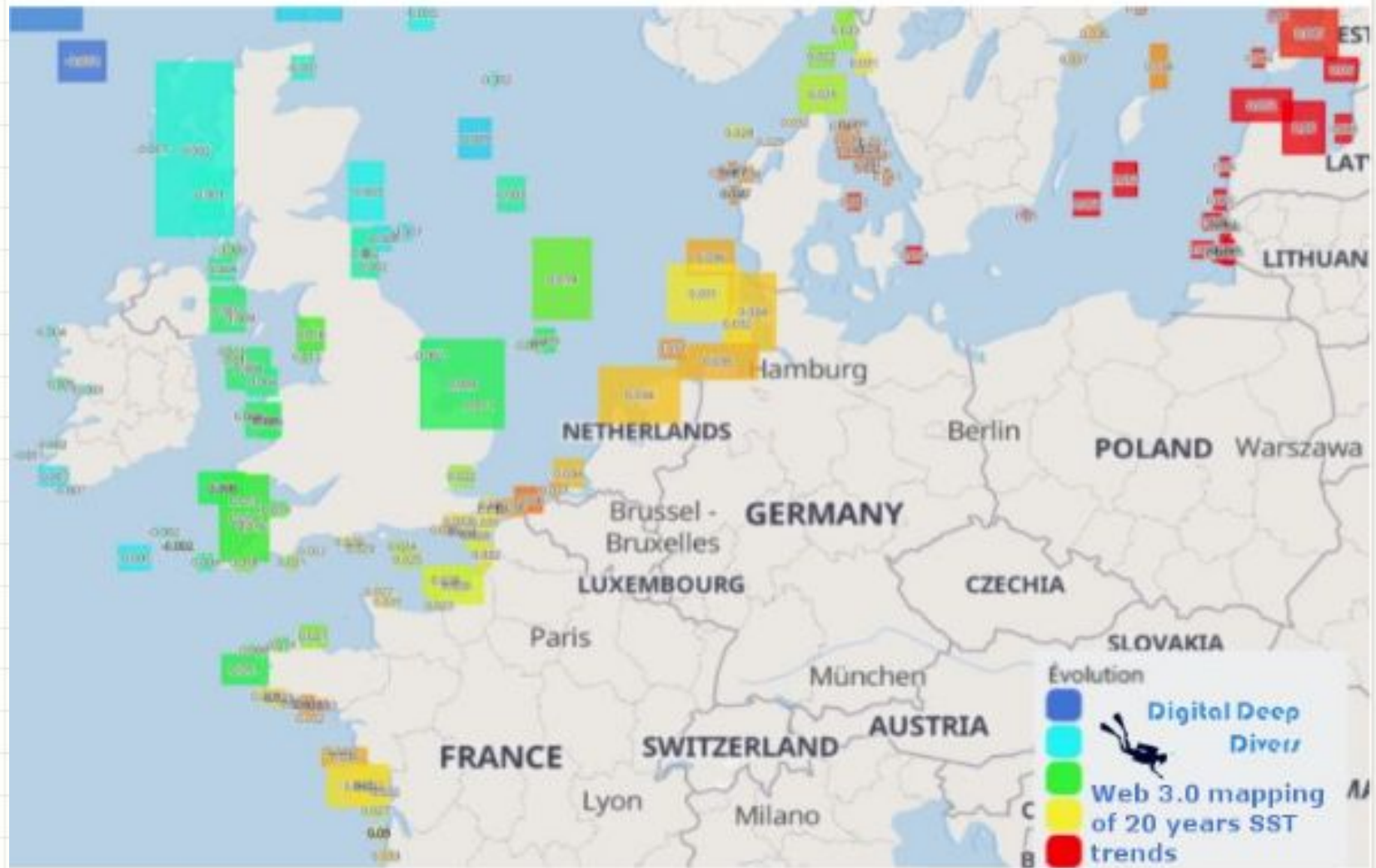


Structured Data



“Data is messy and disconnected.
JSON-LD organizes and connects it,
creating a better Web.”

Back from the 6th Ocean Hackathon edition at Boulogne-sur-mer where the team "Digital Deep Divers" managed to harvest fragmented data from the Web by using Big data technics and Web 3.0 principles to map (as an example) ...voir plus



Towards an INSPIRE 2 Directive for the Semantic Web

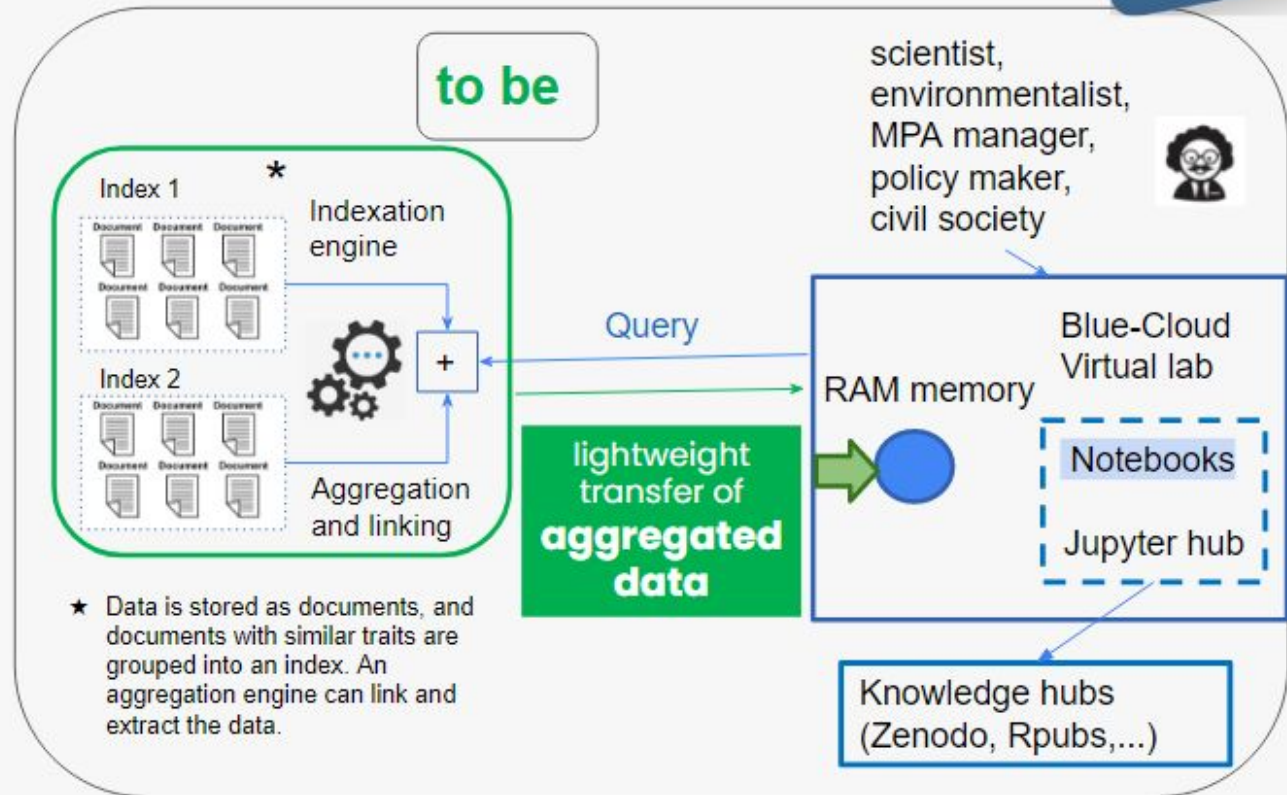
Use case 4: Big Data



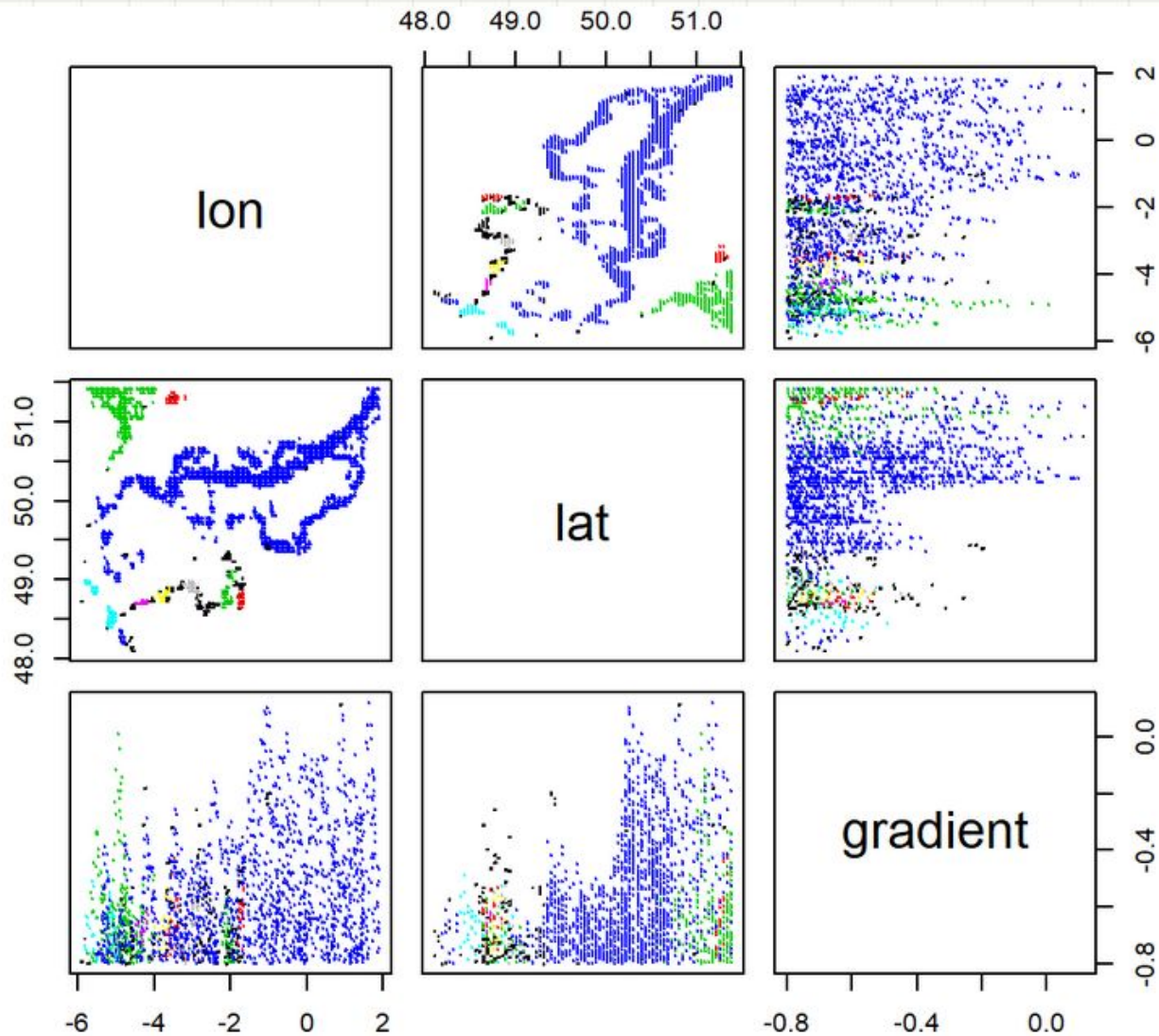
What is the Chlorophyll Sandbox?



The Chlorophyll Sandbox is an analytical framework dedicated to the study of Chl-a patterns. It is a federated, collaborative system aiming to create knowledge via a digital twin ocean (open API for machine learning), a big data analyst (R-package machine learning notebooks) and knowledge hubs for the publication of the reports. It addresses the challenges faced when mobilising, processing and linking big data.



An operational digital twin of the ocean fit for the purpose of ML



Density-Based Spatial Clustering - Chl-a fronts

Next-steps

- Implementation of the use-cases in the Marine-Analyst.eu digital platform
- Discussions of the use cases
- Writing of one pager per use-case



Thank you

Pascal Derycke

my-beach@knowcean.eu

Andrej Abramic

andrej.abramic@ulpgc.es

Laurent Dubroca

laurent.dubroca@ifremer.fr

Jose Santiago

jsantiago@cetmar.org

Adeline Souf

adeline.souf@shom.fr