The European Atlas of the Seas

Online Ocean Literacy Workshop, 16 June 2021

Panel discussion:

Discover the story behind the Atlas' map layers!

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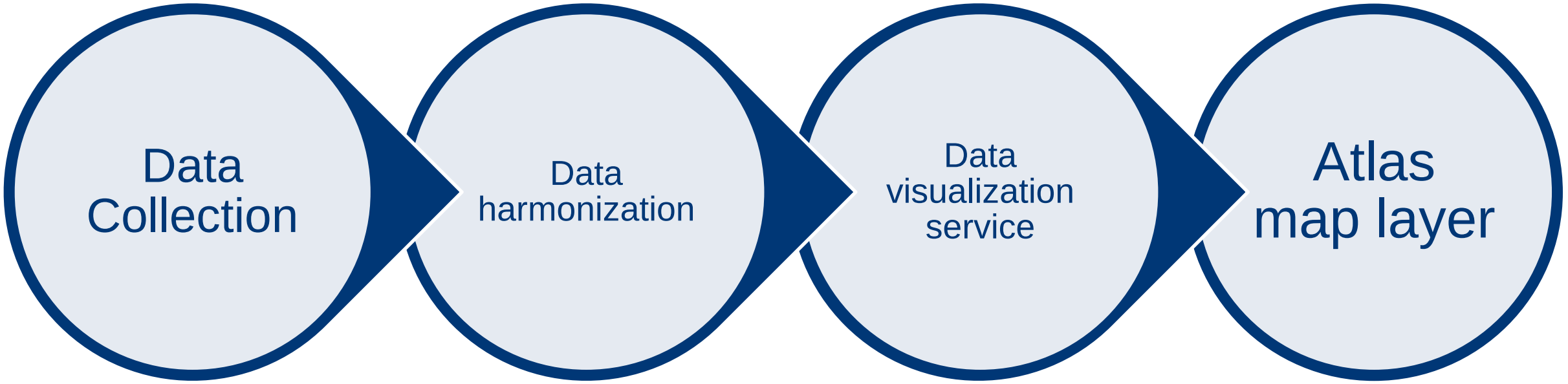
The story behind the Atlas' map layers!



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Marine Data Collection

Tim Collart

EMODnet Secretariat

Data Collection

Data harmonization

Data visualization service

Atlas map layer

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Marine Data Collection

Oceanographic vessels

Underwater vehicles

Fishing vessels

Coastal monitoring

Aerial observations

Satellite observations

Drifting buoys

Argo floats

Underwater gliders

Seafloor observations

Animal tagging & tracking

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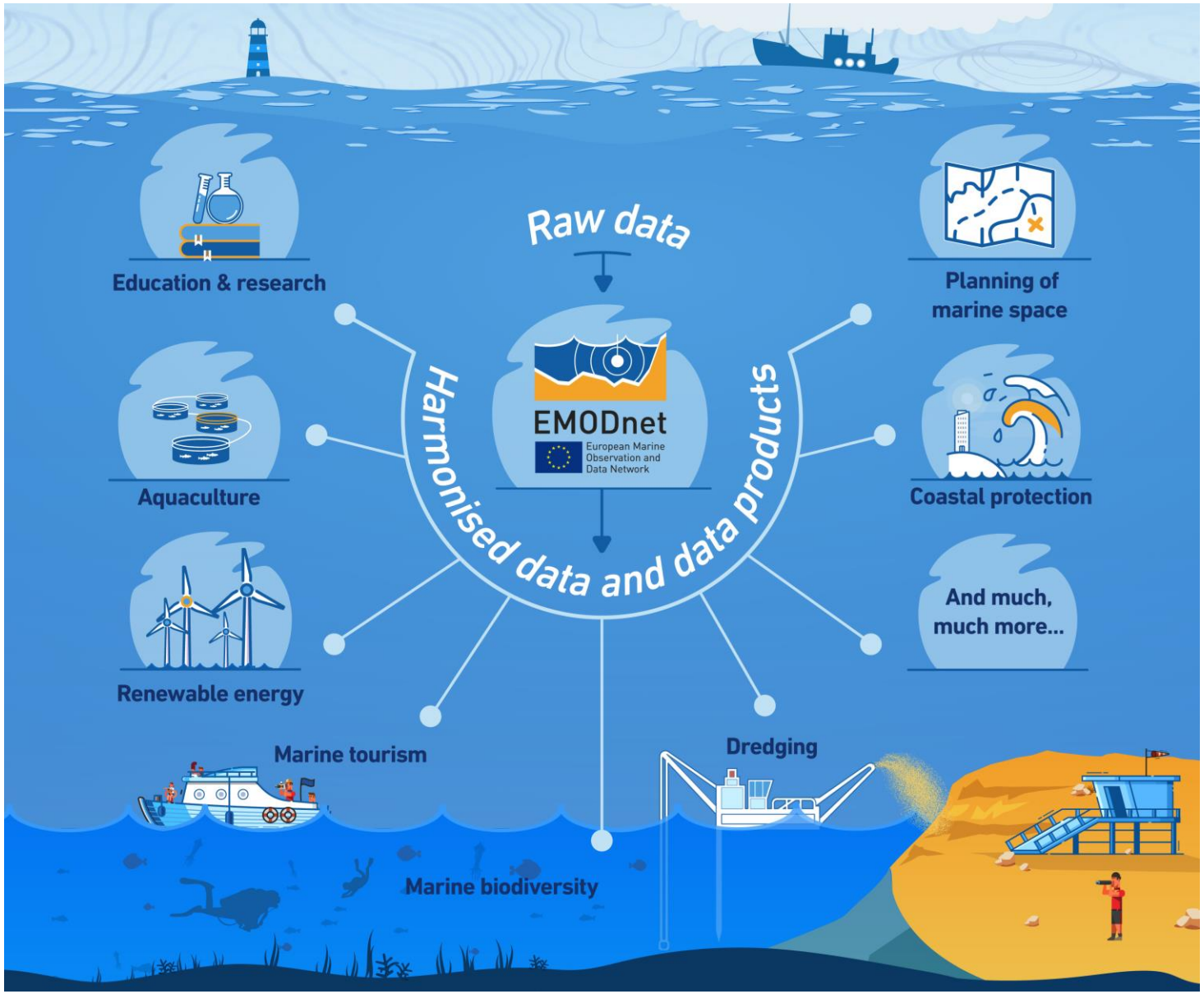
Marine Data Harmonization



Alessandro Pititto

EMODnet Human Activities

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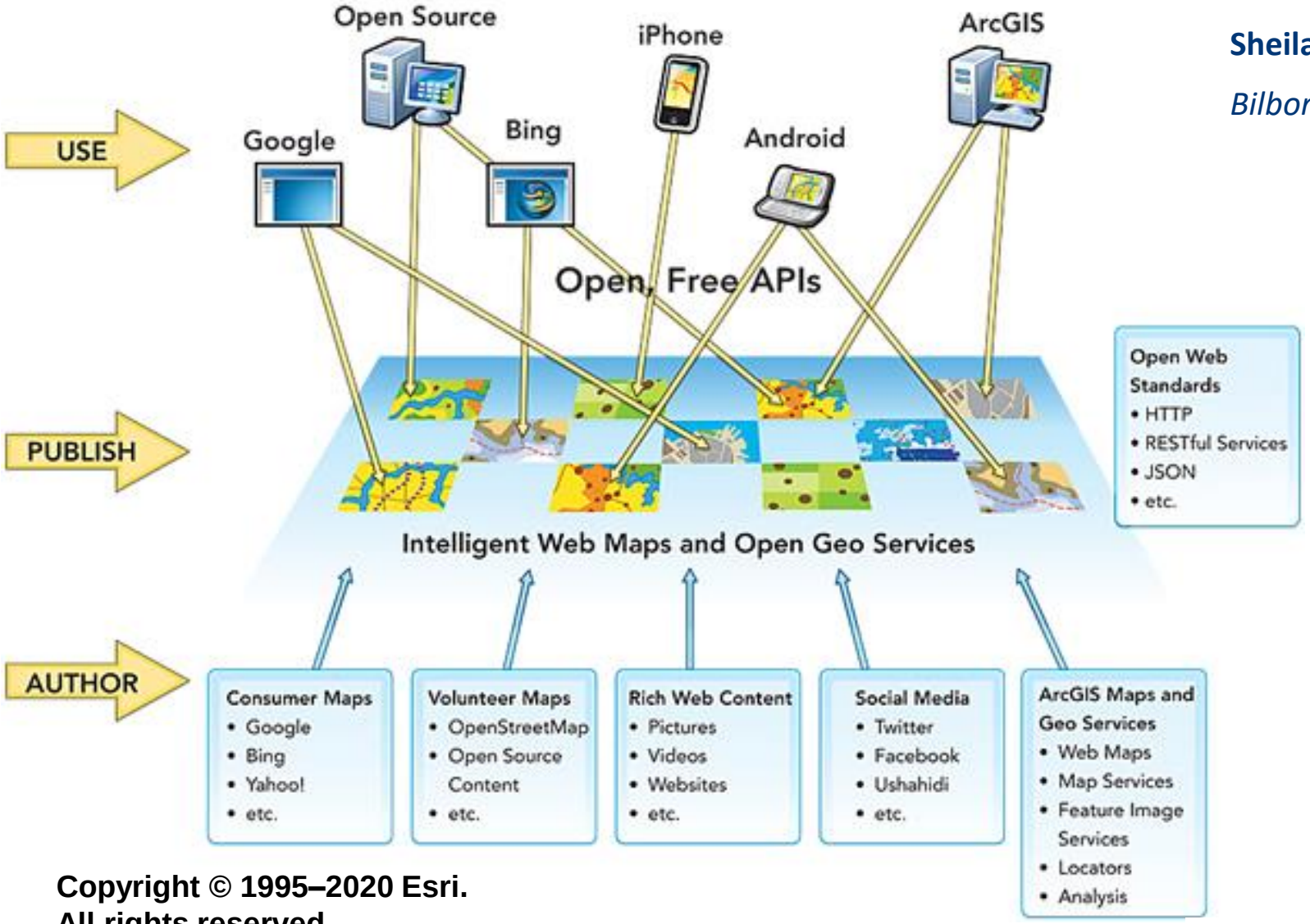
Data visualization services



Sheila García Martínez

Bilbomatica

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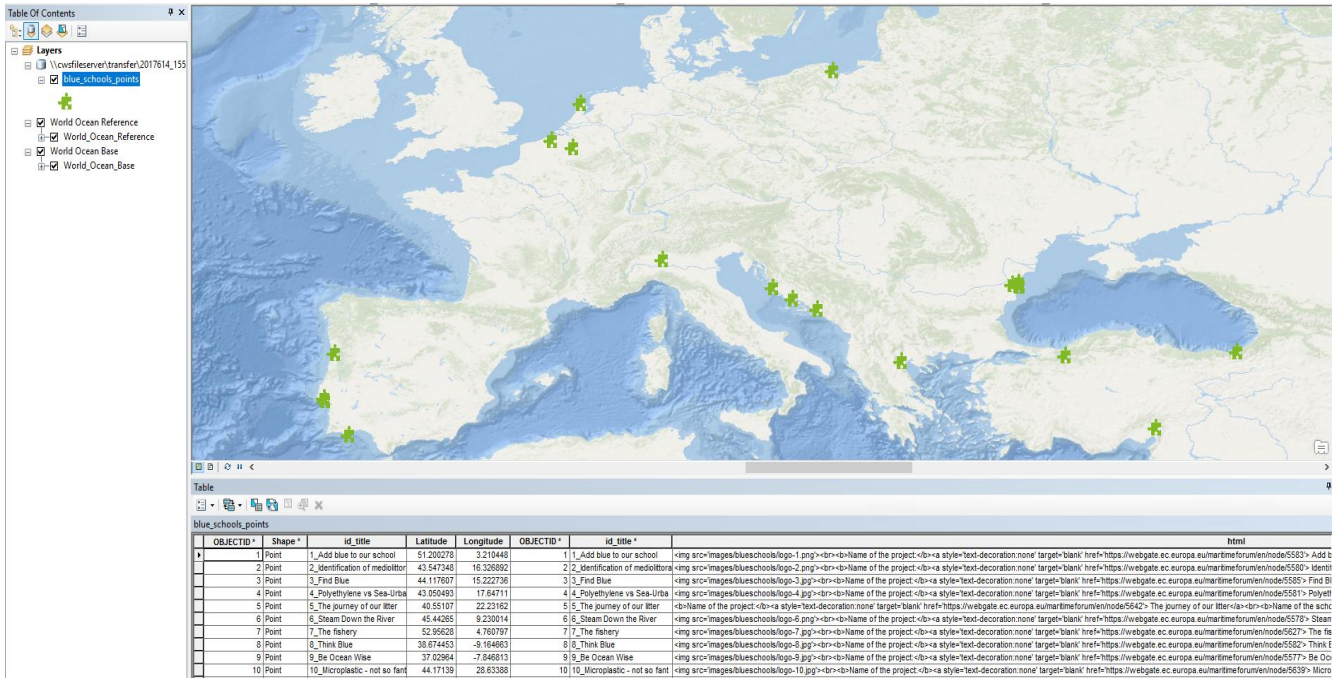
Data visualization services

Quality of the data

REQUEST PHASE	
Objective	**Definition of the objective:** This map provides an overview of the schools that are member of the Network of European Blue Schools. **Note:** Please provide any additional comments regarding the objective
Data requirements	**Availability of data** **Data Format that will be provided:** ☒ Excel/CSV file ☐ XML file ☐ Shape file ☐ Raster file ☐ Data source Link(s) Please provide the link(s) **Coordinate reference system:** In case you provide a spatial data file please, specify the relevant coordinate reference system. ☒ Geographic coordinates (Lat/Long in decimal degrees) EPSG:4326 ☐ Projected coordinates Please provide the EPSG code --- **Layers** **Number of requested layers: one** **Layer title:** Network of European Blue Schools **Layer description:** The Network of European Blue Schools is part of the EU4Ocean Coalition and aims to inspire teachers, school directors or staff of education services, to challenge their students, from kindergarten, primary, lower and upper secondary, technical or vocational schools, to *Find the Blue* and develop a project that links them to the ocean or the sea. **Requested base layer / base map:** ☐ No ☒ Yes ESRI Water Template --- **Legend** Following fields specify what quantity/attribute of the data is displayed on the map and what legend style (e.g. colorscale, symbols) is used. **Legend quantity:** European Blue School **Legend unit: N/A** **Legend period: N/A** **Legend style description:** See image

Visualization: User experience guidelines using GIS tools



Publication of the data: Map services

- REST services under EEA GIS server
- WMS/WMTS under OGC standards

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Atlas map layer creation

Clara Becares & Josu Olaso Imaz

Bilbomatica

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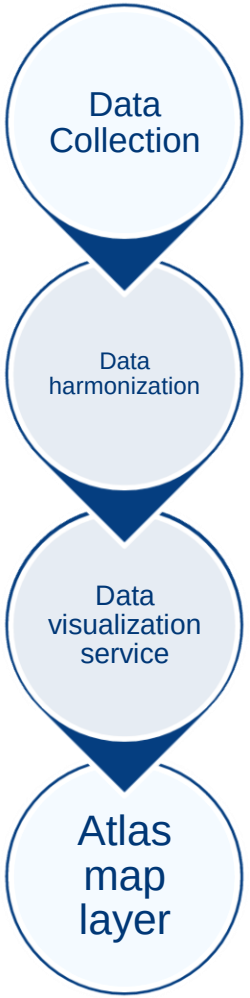
Takeaways

- Each map layer in the atlas is the result of several steps.
- Each step requires different competences and skills.
- The maps in the atlas are the product of teamwork. Experts across Europe are involved in the different steps and are working together to deliver easy access to high quality information on the ocean and seas.



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