



NAUTILOS – Citizen Science application for data collection

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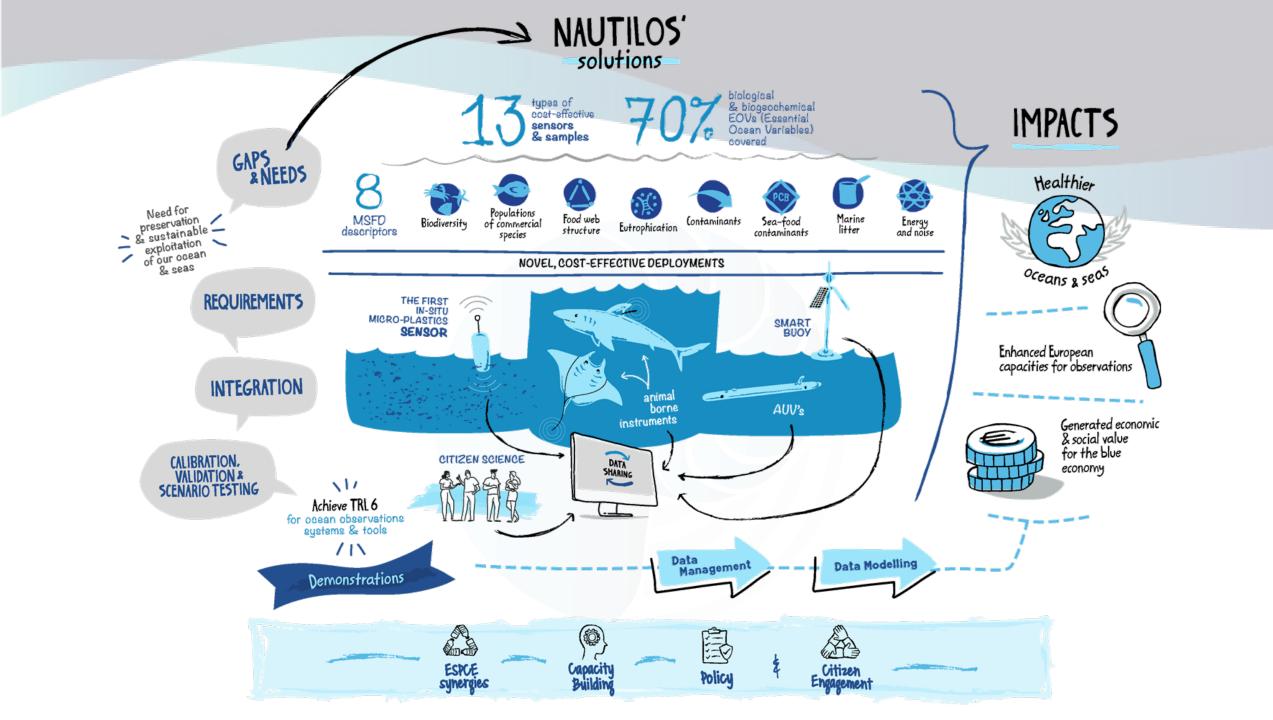


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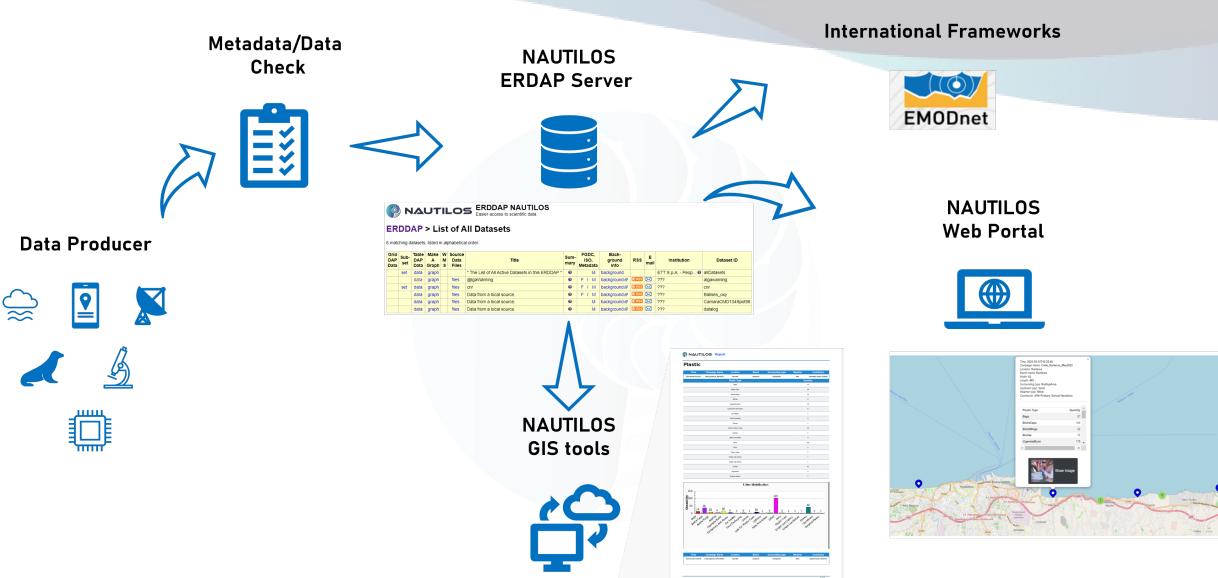
New technology and data collection for improving our understanding of the marine environment

Filling the observational gaps of European Seas (Chem/Bio/DeepOcean Phy EOVs)

- By means of a new generation of cost-effective sensors and samplers
- To be integrated within observing platforms
- Long-term deployment in large-scale demonstrations in European seas
- Goals & achievements:
- complement and expand current EU observation tools and services
- ✓ obtain a collection of data at a much higher spatial resolution, temporal regularity and length than currently available at the EU scale
- ✓ to further enable and democratise the monitoring of the marine environment to both traditional and non-traditional data users



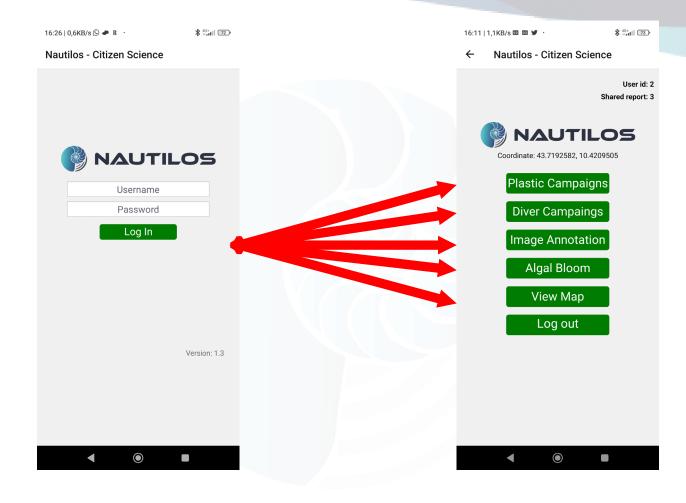
Data infrastructure



Citizen Science for data democratisation

- Designed as a specific tool for the NAUTILOS project purpose. Available for all: Research projects, NGOs, volunteers' organizations...
- Need to be compliant to predefined well-established frameworks and settings (e.g. EMODnet, SeaDataNet...)
- ➢<u>Not</u> planned as Yet-another demo App
- Plastic litter data were organised according to the EMODnet Thematic Lot n°4 categories (J code List)
- Also used for other purposes: technology validation, image annotation, algal-bloom data...

The CS application – Main screen



The application – Different Use cases

Diver Campaign

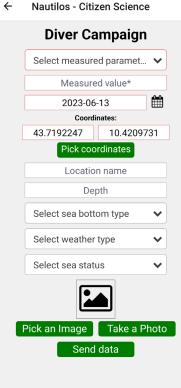
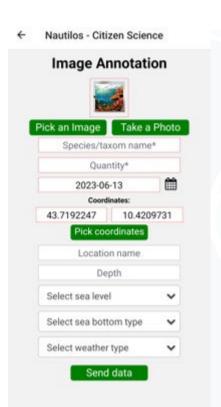


Image Annotation



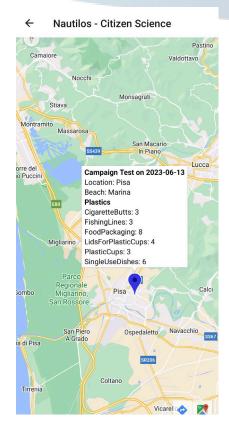
Plastic Campaign

← Nautilos - Citizen Science



Send data

View Map





Citizen Science campaigns

















THANK YOU!

www-nautilos-h2020.eu