



OSCARS

Open Science Clusters' Action
for Research & Society

Funded Project

GOYAS

Geospatial Open-science Yielding ApplicationS: innovative and FAIR
remote-sensing data

Principal Investigator: Fernando Aguilar Gómez, CSIC

Project team members: Isabel Afán, Isabel Caballero, Eva Flo et al.

Implemented by



Funded by
the European Union

GOYAS will establish a FAIR data system to manage the entire lifecycle of experimental or discontinuous remote-sensing products.

OSCARS Funding:

€ 169576.86

Project Start:

[03 11 2024]

Project End:

[03 05 2026]

Field:

Earth and environmental sciences

Principal Investigator:

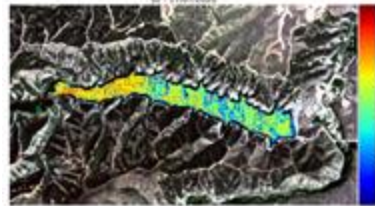
Fernando Aguilar Gómez, CSIC

Other Researchers involved:

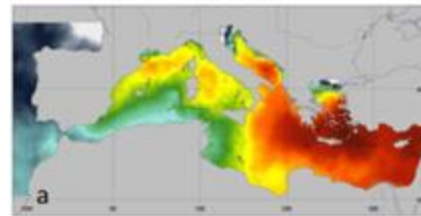
Isabel Afán, Isabel Caballero, Eva Flo et al.

Challenge addressed

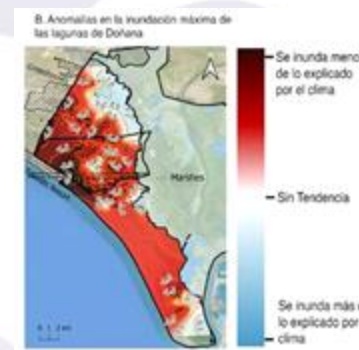
FAIR-by-design remote-sensing based data production



AI - Water Quality



Oceanographic data products



Inundation maps



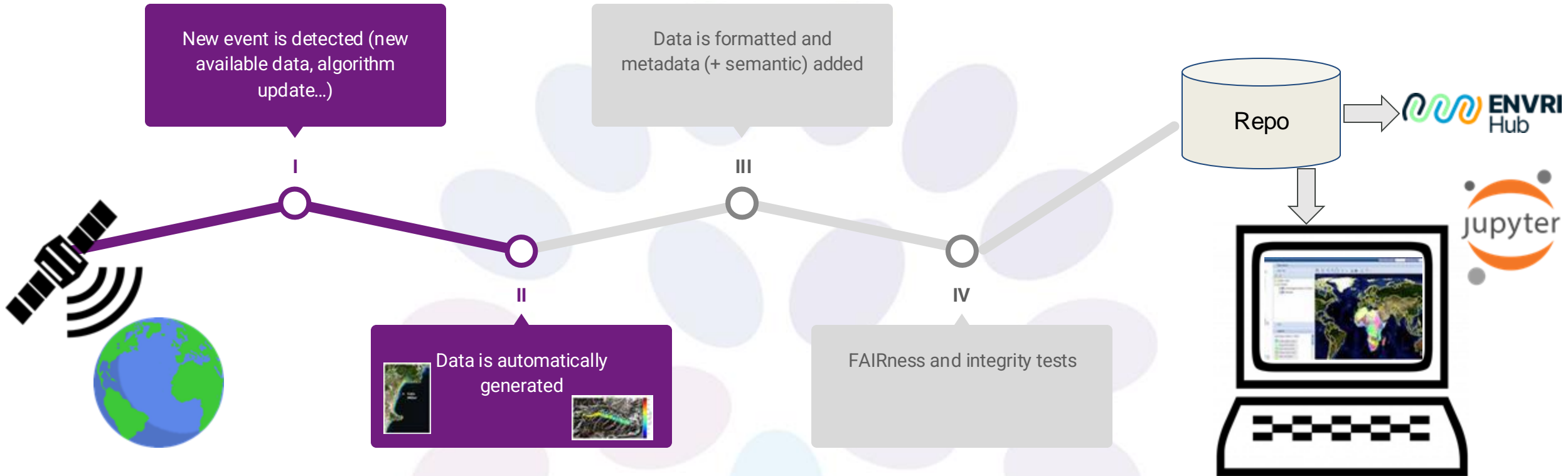
Satellite-derived bathymetry

IMPACT

Fill critical gaps in the accessibility and reusability of high-value remote sensing data, such as inundation maps and water quality data, are valuable but lack visibility, access, or integration into existing data-sharing frameworks.

Organisations involved:





- **FAIR-by-design:** Remote sensing data must be accompanied by adequate metadata and documentation to make it effectively FAIR throughout its lifecycle
 - Alternative channels for experimental data products.
 - Local and great added-value products
 - Automatic data ingestion - Pipeline
 - Interoperability
 - Potential users: academia, administration, industry. ENVRI, LTER
 - Pilot for national and international initiatives: Virtual data distribution center.
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Thank you