In Situ Component

Cross-cutting coordination

In situ

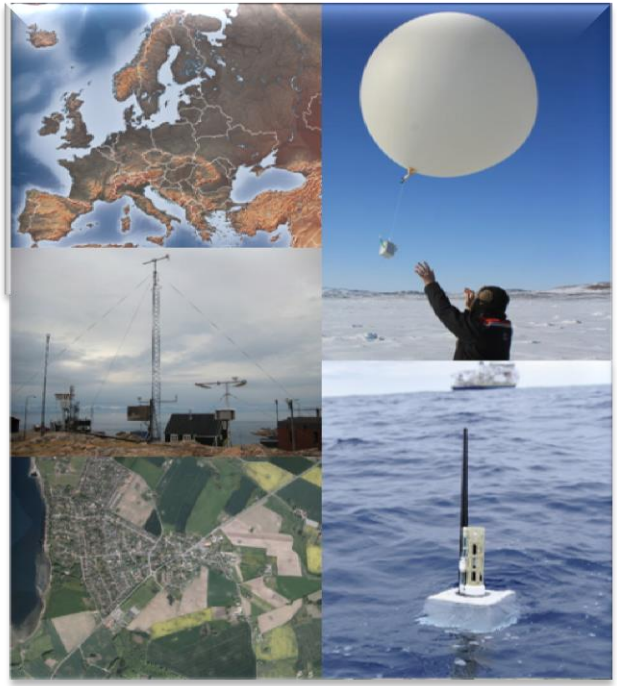
Copernicus
Europe's eyes on Earth

European Commission

The Copernicus In Situ Component

In situ

Shall provide access to in situ data, serving primarily the Copernicus services



‘in situ data’ means observation data from ground-, sea- or air-borne sensors as well as reference and ancillary data licensed or provided for use in Copernicus.

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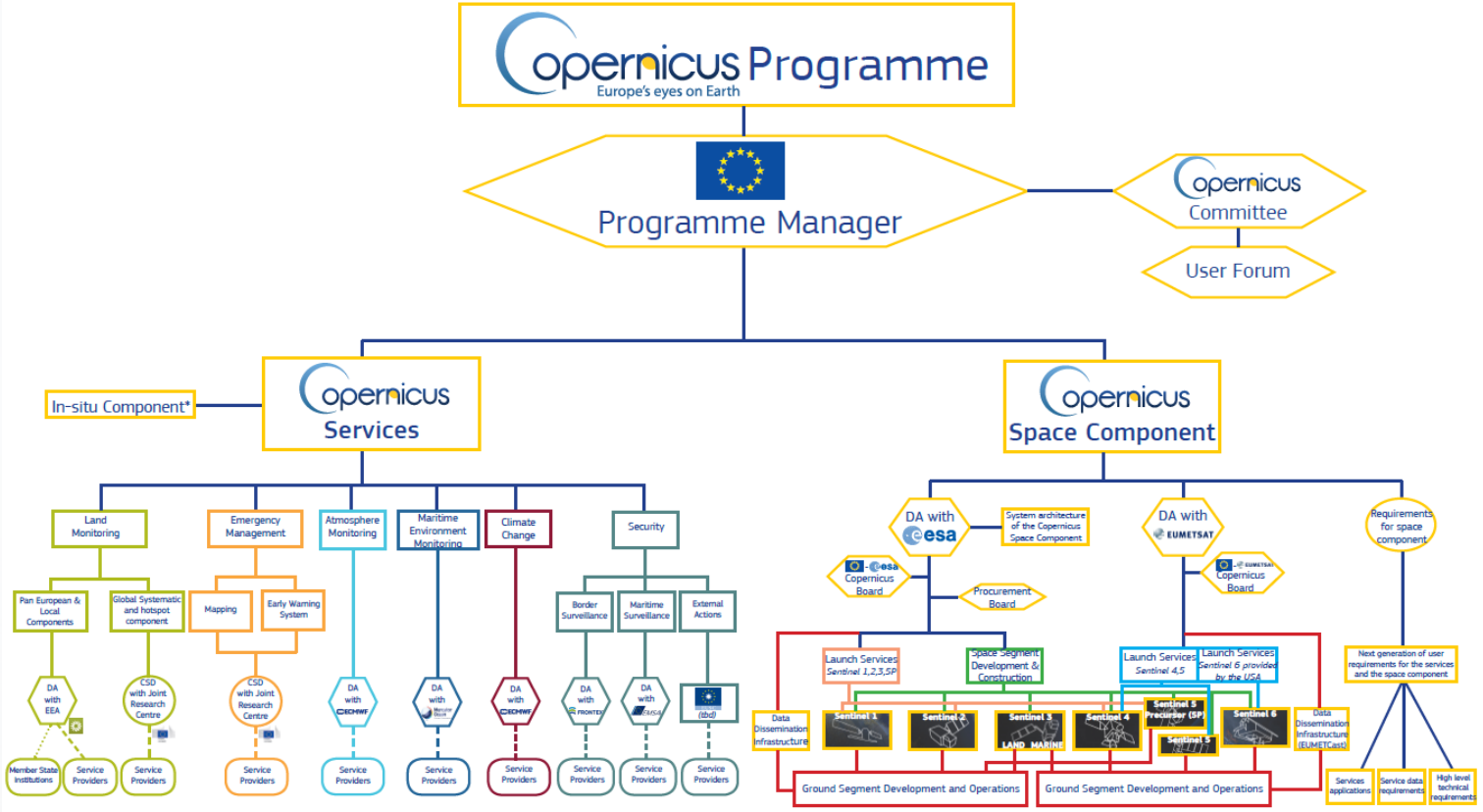
European Commission

In situ

Copernicus – Europe's eye on Earth



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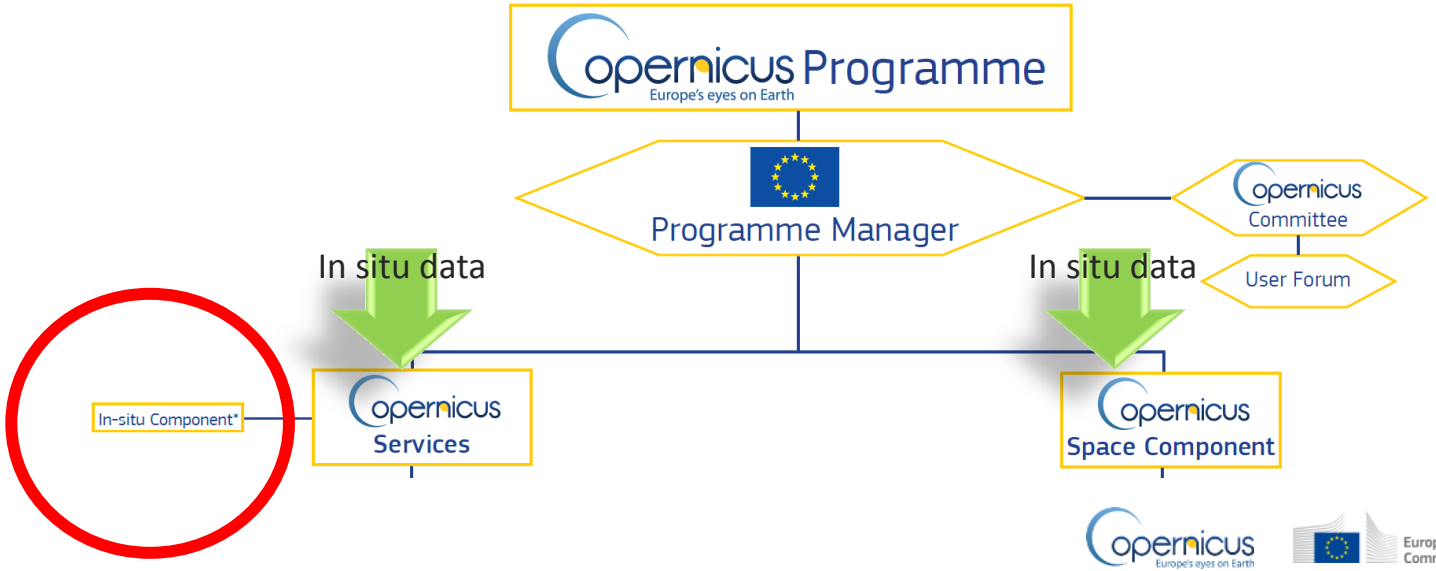
The Copernicus in situ component

In situ data - an integrated part of the Copernicus programme



The Copernicus in situ component

In situ

- Provides reliable and sustainable access to in situ data, relying on existing capacities operated at national and European level, and global observing systems;

- Is implemented by the Services, and by the EEA when overall coordination is required;

- Member states' in situ infrastructures and data are essential contributions to Copernicus.

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Implementation strategy

In situ

Service level

- Data requirements;
- Access agreements and cooperation with data providers;
- Operational management and processing of in situ data.

Programme level

- State of play across all services;
- Data access solutions targeted multiple services;
- Coordination and exploitation of synergies across all services.

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In situ

EEA's main cross-cutting activities

Maintain an overview of the Copernicus in situ component

Improve access to selected in situ data

Raise the awareness about the Copernicus in situ component

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In situ

Some concluding remarks

- The next programme phase – Copernicus II – is being defined the coming months. What will be the impact, if any, on the In Situ Component?
- The EEA sees a need for clarifying and analysing the potential overlap between the Service and Space Component's needs for in situ data and supporting infrastructure, and explore if better coordination would be beneficial;
- The EEA has initiated two studies on
  - Research Infrastructures;
  - The in situ data overlap between the Service and Space Component;
  - Reports expected Q3 or Q4.

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Read about Copernicus' In Situ Component

In situ

http://insitu.copernicus.eu/news/newsletter1

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Copernicus In Situ Newsletter #1

This newsletter is the first of a seri… informing interested communities about the latest developments in the in situ component of the … programme, the European Earth Observation programme.

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Featured

Hans Bruyninckx, Executive Director of the EEA

Hans Bruyninckx is the Executive Director of the European Environment Agency. In an interview with the Copernicus In Situ Newsletter, he discussed the Agency's role as Entrusted Entity for the coordination of the in situ component, the relationship of the in situ component with the Copernicus services, and the road ahead for in situ coordination.

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Mauro Facchini, Copernicus Unit, European Commission

Mauro Facchini is Head of the Copernicus Unit, within the European Commission's Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs. The Copernicus In Situ Coordination Newsletter asked him about how the Copernicus Services use in situ data, and how the European Commission supports the further development of the in situ component.

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Craig Donlon, Sentinel-3 Mission Scientist, European Space Agency

Craig Donlon is Sentinel-3 Mission Scientist at the European Space Agency. In this interview, Dr. Donlon provides an overview of how in situ data are used in the context of the Copernicus space component and outlines the challenges ahead.

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Thank you for your attention

In situ