

Sentinel Benefits Study Workshop June 2024



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Sentinel Benefits Study final workshop: Reflections on the latest findings from the transversal analysis

Copernicus User Forum – Brussels – March 13, 2024

Alessandra Tassa – European Space Agency

Sentinel Benefits Study (SeBS)

Showcasing the benefits brought by the usage of Sentinels data to society, environment and economy through bottom-up assessments based on traceable impacts along selected value chains

Funding: EU Copernicus - Prime contractor: EARSC - Timeline: March 2017- Summer 2024

Workshop Objectives



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To present and discuss the latest findings of the Sentinel Benefits Study on the **Transversal Analysis**, and in particular reflect on:

- the benefits of using Copernicus Sentinel data for public authorities in charge of roads infrastructure management, forest management, and lake water quality management in Europe and beyond
- the challenges and the opportunities for the uptake of Copernicus-based solutions from the public authorities.

Emphasis is on the use and usability of Copernicus-based solutions by public end users (including through public or commercial providers)

The Workshop findings will be used by ESA to shape future activities as part of the **Sentinels Benefits Observatory**

Workshop Organisation



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**Session 1:
European users**

June 06 AM

**Session 2:
uptake in public
administrations**

June 13 AM

**Session 3:
international users**

June 13 PM



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| Welcome | Tobias Biermann (European Commission) |
| Introduction to the event and to the meeting objectives | Alessandra Tassa (ESA) |
| SeBS introduction and highlights | Geoff Sawyer (EARSC) |
| ROADS INFRASTRUCTURE MANAGEMENT | |
| Introduction to the session (session rapporteur) | Joanna Balasis-Levinsen (EEA) |
| An experience from Norway (SeBS benchmark case) | Dag Anders Moldestad (Norwegian Space Agency) |
| An experience from Italy (SeBS benchmark case) | Flavio Capozucca (ANAS) |
| An experience from Portugal (SeBS benchmark case) | Paulo Barreto (EGIS) |
| Findings from the SeBS transversal analyses | Geoff Sawyer (EARSC) |
| EO usage experiences from other agencies | Agencies are invited to present their relevant experience |
| Moderated discussion | |
| FORESTS MANAGEMENT | |
| Introduction and perspective of an international forest certification agency (session rapporteur) | Rob Shaw (Programme for the Endorsement of Forest Certification - PEFC) |
| Policy perspective on forests monitoring in Europe | Annemarie Bastrup-Birk (EEA) |
| An experience from Sweden (SeBS benchmark case) | Anders Persson (Swedish Forest Agency) |
| Findings from the SeBS transversal analyses | Geoff Sawyer (EARSC) |
| EO usage / experience from other agencies | Agencies are invited to present their relevant experience |
| Moderated Discussion | |
| LAKE WATER QUALITY MONITORING | |
| Introduction and perspective of international water association agency (session rapporteur) | Erin Jordan (International Water Association- IWA) |
| Policy perspective on lake water quality monitoring in Europe | Jenni Attila (ETC on Biodiversity and Ecosystems) |
| An experience from Finland (SeBS benchmark case) | Jenni Attila (SYKE) |
| An experience from Germany (SeBS benchmark case) | Thomas Wolf (LUBW) |
| An experience from The Netherlands (SeBS benchmark case) | Jannes Schenkel (Noorderzijlvest Water Board) |
| Findings from the SeBS transversal analyses | Geoff Sawyer (EARSC) |
| EO usage / experience from other agencies | Agencies are invited to present their relevant experience |
| Moderated Discussion | |
| OVERALL DISCUSSION | |
| Copernicus as a tool to support public administrations for policy implementation (focus on forest monitoring, lake water monitoring and roads infrastructure management) | Mark Dowell (EC JRC Knowledge Centre on Earth Observations - KCEO) |
| Moderated discussion | |
| Concluding Remarks | |

Rapporteurs from international associations/organisations will report about the findings from today to the Session 3

Dedicated questions can be asked as part of the general discussions for each of the thematic areas, if time allows

The final discussion will take into account the EU policy aspects