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# Sentinel Benefits Study final workshop: **SESSION 2** background and objectives

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Sentinel Benefits Study Workshop - ExpandEO– Brussels – June 13, 2024

Alessandra Tassa – European Space Agency

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# Sentinel Benefits Study: in a nutshell



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**Showcasing** the benefits brought by the usage of Copernicus 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

## Use cases reports

20\* Long and 13 Short cases available so far



<https://earsc.org/sebs/all-cases/>

## Robust Methodology

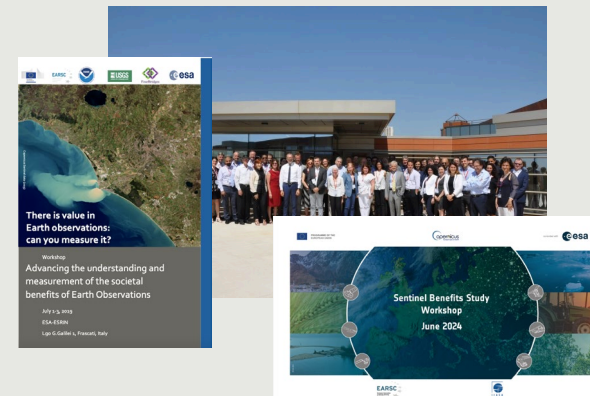
Based on use-case-specific value chains, assessment of impacts across 6 dimensions of value



<https://earsc.org/sebs/wp-content/uploads/2020/12/SeBS-Methodology-2020.pdf>

## Workshops

with end-users and in international fora



<https://earsc.org/sebs/workshop-2019/>

## Cross-cutting Analyses Reports

complementing and expanding the use case findings



<https://earsc.org/sebs/cross-cutting-reports/>

\*3 of which developed as part of legacy ESA pilot project

# 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-based solutions\* for Public Authorities in charge of *i)* roads infrastructure management, *ii)* forest management, and *iii)* lake water quality management in Europe and beyond
- the challenges and the opportunities for the uptake of Copernicus-based solutions by the Public Authorities.

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

\* Using Copernicus Sentinel data either directly or indirectly through public or private service providers

# Workshop Organisation



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## Session 1: European users

June 06 AM

Benefits of using Copernicus-based solutions for Public Authorities in charge of roads infrastructure management, forest management, and lake water quality management in Europe

## Session 2: uptake in public administrations

June 13 AM

Challenges and opportunities for the **uptake of Copernicus-based solutions from the Public Authorities**

## Session 3: international users

June 13 PM

Benefits of using Copernicus-based solutions for public authorities in charge of roads infrastructure management, forest management, and lake water quality management in Europe and beyond

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



## SESSION 2

## The Public Authority uptake perspective | (hybrid, Brussels, 13 June | AM)

11:00	<b>Welcome and introduction</b>	Guillaume de La Brosse (European Commission)
	Background and Meeting Objectives	Alessandra Tassa (ESA)
	The societal impacts of the use of EO space data within the public sector: an overview from the OECD	Marit Undseth (OECD)
	Enabling the positive societal impacts of the use of EO space data: uptake from the public sector (i.e. findings from the SeBS transversal analysis).	Geoff Sawyer (EARSC)
	Uptake of EO space data in the public sector: experiences from the regional perspective	Roya Ayazi (Network of European Regions Using Space Technologies - NEREUS)
	• An experience from Veneto region	Salvina Sist (H/Spatial Planning Regione Veneto)
	• An experience from EO in the Azores region: an Atlantic perspective	Duarte Cota (Azores Region)
	• An experience from Brittany region	Ana Sanchez Lofficial (IRISPACE)
	Uptake of EO space data in the public sector: challenges and opportunities viewed from the private sector.	Marc Tondriaux (EUGENIUS/EARSC TerraNIS)
	Moderated discussion	Roya Ayazi (NEREUS)
13:00	Session wrap-up	