

Welcome & Introduction

Simonetta Cheli

Director of Earth Observation Programmes

ESA UNCLASSIFIED – For ESA Official Use Only

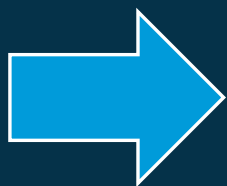


Rationale for an *ESA Strategy 2040*



Following the **Sevilla Space Summit Resolution** (Article 3):

Council INVITED “the **Director General to develop an ‘ESA 2040’ Strategy** together with the Member States in preparation of the Council Meeting at Ministerial Level in 2025 (CM25)”



The strategy 2040 process will provide a **long-term vision for space in Europe** that will help in the preparation of future Ministerials and will allow for a **better planning of programmes** allowing a clear vision of the **financial framework** of ESA.

EOP is actively contributing to this work through the:

- Initial “EOP vision 2040” document
- EO Science Strategy, to be ready mid-2024
- Participation in cross-directorate task forces

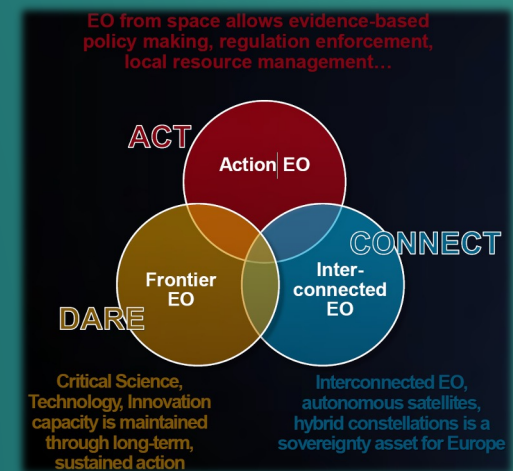
Connection with the user community and advisory structure is essential



Need for a new Earth Observation Science Strategy



- Programmatic Context:
 - Overall “ESA 2040 Strategy” together with ESA Member States in preparation of the Council Meeting at Ministerial Level in 2025 (CM25)
 - Develop EO vision and strategy that responds to and matches the 2040 strategic timeframe
 - Build on strong political support for EO, climate and sustainability at Space Summit 2023 in Seville
 - Respond to changed world with respect to 2015 science strategy: extensive mission landscape, Copernicus, Digital Innovation, Commercial Space, Climate urgency
 - Include broad consultations with community: ACEO, CSAB, ESSC, LPS & workshops
- The new EO Science Strategy 2040 needed to
 - Support and provide context for the programme content proposed at the Councils in 2025 (CM25) and 2028 (CM28)
 - Provide a framework to guide investments in EO programmes addressing short and longer term objectives
 - Provide the science basis leading to adoption and implementation of effective responses and adaptation measures addressing climate action narrative and Seville summit declaration



ESA EO Vision



To craft world-class Earth Observation capabilities and information products for informed decisions and actions that best respond to today's challenges of understanding, sustaining and improving the Earth and its environment.



The ESA Earth Observation strategic vision expresses the urgency to address the Earth environment and climate crisis. The emphasis on actionable information leverages the growing volumes of satellite data for decision-making and taking action in support of mitigating and adapting to climate change and sustainable management of resources. Earth action targets the generation of actionable information, beyond provision of data, supporting science-for-policy to [urgently] respond to the global challenges faced by society today and prepare for tomorrow.



Road to CM25



Corporate Level Actions

- Space Summit
- ESA 2040 Strategy
- Draft CM25 Financial Framework
- Comprehensive CM25 communication plan

Q2 2024

- Copernicus Funding Gate Milestone
- ESA EO Science Strategy
- EE-12 candidate missions selected

Q3 2024

- Programme Proposals (PBE0) First elements
- Bilateral meetings with Member States
- Workshop with PBE0 delegates (TBC)
- Workshop with industry (TBC)
- NGGM / MAGIC Phase B1 decision point

Q4 2024

- FutureEO review seminar (TBD)

Q1 2025

- Sanitised version of 'stable' programme proposals
- ESA-Industry Dialogue

- Finalisation of CM25 package

Q2 2025

- LPS25
- Finalisation of CM25 package (pp / Declaration / IR / Agreements)
- EE-11 selection by PBE0
- Appraisal of levels of subscription
- Fiches on return potential at MS level
- Early Briefing for Ministerial level

Q3-Q4 2025

- Last series of bilateral meetings (Including recovery actions sometimes and multipartite HoD meetings and possibly revised briefing for Ministerial level.)

CM25

- Continuous effort to secure additional contribution
- Post CM25 analysis & work plans

EOP Level Actions

