

**38<sup>th</sup> Meeting of the CEOS Strategic Implementation Team (SIT-38)  
28<sup>th</sup> - 30<sup>th</sup> March 2023**

**Magellan Room, ESA/ESRIN, Frascati, Italy**

**OBJECTIVES**

During the 2022-2023 SIT Chair Term, the ESA SIT Chair Team has focused on global challenges with **strong UN mandates, GEO support, and high relevance for satellite Earth observations**. We seek to explore how CEOS can employ **new geometries with industry, new missions, and new data and analysis techniques** for maximum impact and continued relevance in a changing sector.

- **Climate & Carbon** UNFCCC, Paris Agreement and the Global Stocktake Process
- **Goals** of the UN 2030 Agenda for Sustainable Development
- **Disaster Risk Reduction** UN Sendai Framework 2015-2030

The SIT-38 agenda seeks to foster **CEOS Principal-level discussion, decision making, and resource allocation and coordination** focused on realising defined two-year targets. As [outlined at the CEOS Plenary in November 2021](#), success in supporting these challenges should translate into opportunities to engage new Earth observation users in these areas and beyond.

Four Sessions will take place on the first day of SIT-38, broadly aligned around major global priorities as drivers for CEOS activities:

- **Session 2 - Carbon and Climate:** What progress has CEOS made in engaging with the Global Stocktake (GST) Process under the UNFCCC Paris Agreement and what further must be done ahead of GST-1? What progress has been made on the Agriculture, Forestry and Other Land Uses (AFOLU) Roadmap, how does this relate to CEOS engagement in GEOGLAM and GFOI, and what resources are required? How is the biomass product harmonisation work progressing? Is support for the GHG Roadmap, GEO-TREES, and the CEOS cooperation with the International Methane Emissions Observatory (IMEO) on track, and are more resources and/or direction required?
- **Session 3 - Oceans and Coasts:** Improved coordination amongst CEOS oceans and coasts-related activities presents potential opportunities and benefits, with often siloed activities spread across the Virtual Constellations, COVERAGE, and CEOS-COAST. The UN Decade of Ocean Science for Sustainable Development, and the Paris Agreement GST both have been identified as important and timely opportunities for CEOS to align its efforts and promote the impact of Earth observation. At CEOS Plenary, an Ocean Coordination Group was created to chart the way forward, with the Team seeking feedback on potential recommendations for CEOS Plenary 2023.
- **Session 4 - Biodiversity** How is the Ecosystems Extent Task Team (EETT) progressing? What is the EETT's scope? And does it have the resources needed to proceed? What were the outcomes of the Convention on Biological Diversity (CBD) 15th Conference of the Parties (CBD COP15) in December 2022?
- **Session 5 - Sustainable Development Goals:** What are the 2023 deliverables? Do the deliverable teams have the required resources to proceed? Are current CEOS engagement and governance arrangements, and SDG stakeholder links, appropriate?

The second day of SIT-38 will start with a Session looking at the CEOS connection to key sources of capacity to enable EO to address the drivers discussed on the first day:

- **Session 6 - New Space:** Across CEOS Agencies, there is significant interest in how best to engage companies in the “New Space sector” that may bring an important added value to the public upstream

SIT-38 OBJECTIVES (Rev 28 March 2023)



and downstream sectors, for which the ultimate beneficiaries are data users. In several countries represented in CEOS, national public institutions are exploring avenues for facilitating this innovative and rapidly expanding industry (the New Space sector) and for fostering partnerships with next-generation non-governmental entities that are closely linked to Earth observation (EO) from space, either in the procurement of satellites (upstream) or in the exploitation of EO data. There is growing consensus in CEOS that sharing experience acquired by the national space agency at the country level can be useful and beneficial to other CEOS Agencies. At SIT-37, an initial information sharing session amongst CEOS Principals highlighted experience acquired at country-level and started a discussion about benefits that could be realised by CEOS members. This was followed by a more in depth discussion at the 2022 SIT Technical Workshop, and a recommendation to form a New Space Task Team agreed at CEOS Plenary. What have been the initial outcomes from the New Space Task Team? How do we translate the findings from the Task Team into actions? And what resources and coordination is required to implement those actions?

The second day will conclude with Sessions 7-9 addressing Working Groups, Virtual Constellations, and other CEOS Business.

- **CEOS Interoperability Framework:** What is the status of WGISS work on this topic? What are the necessary components of a Framework, and are they covered by existing CEOS work? What resources are needed to progress these components and make them coherent? Are there resources for the CEOS Common Dictionary of consistent terminology to underpin the framework?
- **Working Groups and Virtual Constellations** topics nominate requiring SIT Principal-level discussion and decision.
- **CEOS Chair** Session on Chair Priorities for 2023 (A need for a mini-Plenary session was not identified.)
- **GEO Secretariat** will present on their most recent activities, as well as the GEO post-2025 Working Group.
- **CEOS Communications** Present CEOS communications efforts and discuss additional support and resources needed from agencies. Discuss how to best leverage existing CEOS Agency communications teams in support of CEOS goals and consider an action for CEOS members to nominate communications professionals from their agencies as representatives to the CEOS Communications Team. Consider the need for an update of the CEOS Communications Strategy as a result and to provide direction and focus."

### Week at a Glance

Tuesday March 28th	Wednesday March 29th	Thursday March 30th
<b>Side Meetings</b>  <i>CEOS SEC; SDGs, ARD OG, New Space, Interoperability, Communications,</i>	<b>SIT-38 Day 1</b>  <i>CEOS 2023-2025 Work Plan; Carbon and Climate; SDGs; Biodiversity; Oceans and Coasts;</i>	<b>SIT-38 Day 2</b>  <i>New Space; Working Group and Virtual Constellation Topics; CEOS Mini-Plenary Session; GEO Update; SEO Update and, SIT-38 Outcomes and Actions Review</i>

### SIT-38 Papers

Paper	#	Guidance
<a href="#">CEOS 2023-2023 Work Plan</a>	Session 1	For Information

Paper	#	Guidance
CEOS Plenary 2022 Final Minutes and Actions ( <a href="#">PDF</a>   <a href="#">DOC</a> )	All	Review for Context
<a href="#">New Space Task Team 'Think Piece'</a> (working progress draft)	Session 6	Review for discussion
<a href="#">New Space Task Team Activities Working Document</a>	Session 6	Review for discussion

### 36th CEOS Plenary Actions Due at SIT-38

Action	#	Status
<b>Plenary action CEOS-36-02 [Due SIT-38]</b> SIT Chair to raise with <b>IMEO</b> their perception of future needs, with a view to maintaining an ongoing discussion with <b>IMEO</b> at an appropriate level about considering their requirements in future designs of relevant missions.	2.9	<b>COMPLETE</b> ongoing data coordination requests to be discussed under item 2.9
<b>Plenary action CEOS-36-03 [Due SIT-38]</b> SIT Chair Team to consider a WGCV agenda item for SIT-38 on the application and potential uses of the <b>cal/val maturity matrix for CEOS engagement with the commercial sector / New Space</b> , e.g., as a means for communicating data quality needs in a consistent manner.	7.2	<b>COMPLETE.</b> Included as item 7.2 on the SIT-38 agenda. Maturity Matrix is also referenced in the <a href="#">NSTT Activities working document</a> .
<b>Plenary action CEOS-36-04 [Due SIT-38]</b> CEOS members to review the proposed <b>EOTEC DevNet Sustainability Plan</b> and consider the outlined approaches to <b>staffing</b> , including in-kind <b>support</b> for the part-time positions of regional community of practice coordinators – in anticipation of further discussion at SIT-38.	7.6	WGCapD is unsure if it will be delivered in time for presentation at SIT-38. The EOTEC DevNet partners are meeting at the end of February 2023, where the sustainability plan will be discussed. If prepared in time, the outcome of this discussion will be presented to SIT-38.
<b>Plenary action CEOS-36-09 [Due SIT-38]</b> SIT Chair to organise a dedicated session on the topic of <b>CEOS engagement with standards organisations</b> at SIT-38 and invite CEOS entities to present their experience and status, with the aim of creating a snapshot inventory.	7.4	<b>COMPLETE.</b> Included as item 7.4 on the SIT-38 agenda.
<b>Plenary action CEOS-36-10 [Due SIT-38]</b> WGISS is invited to propose an <b>interoperability roadmap</b> at SIT-38. Any CEOS member / entity wishing to contribute is invited to contact WGISS.	7.3	Plans from WGISS to be presented under SIT-38 item 7.3.
<b>Plenary action CEOS-36-11 [Due SIT-38]</b> CEOS members to consider nominating individuals to the ongoing WGCV / WGISS / LSI-VC effort to define a <b>CEOS common dictionary of terms</b> .	7.3	Forms one part of the interoperability framework that was proposed at Plenary. Peter Strobl (COM), Katrin Molch (DLR) and Emma Woolliams (NPL) are compiling a paper on the first phase of work which has been completed. Action will be closed at SIT-38 but the group is still looking for more people to help advance the effort as a key part of CEOS interoperability discussions.
<b>Plenary action CEOS-36-12 [Due SIT-38]</b> WGCapD Chair and SEO to discuss training and capacity development opportunities for <b>CEOS SDG work in the context of EOTEC DevNet</b> .	7.6	SEO will present at an upcoming WGCapD meeting on this topic. The hope is to identify some training opportunities for the CEOS SDG work. The action can be closed at SIT-38.

## Tuesday 28th March - Side Meetings

Bus departs 08:15 Piazza Marconi (square) Frascati to ESRIN (25 seats). 17:15 return from ESRIN to Piazza Marconi Frascati (25 seats).

Time Duration	Meeting	POC / Location / Link
08:30 - 09:00	<b>Welcome Coffee</b>	
09:00 - 10:00 1 hour	<b>CEOS Secretariat (SEC-306)</b> <i>This is a closed meeting of the CEOS Secretariat.</i> <i>Attendance is by invitation.</i>	<b>Magellan Room</b> <i>Pakorn Apaphant, Matthew Steventon</i> Webex Link: <a href="https://esait.webex.com/esait/j.php?MTID=m2e6521db248083d4a525ec2ef1def0c6">https://esait.webex.com/esait/j.php?MTID=m2e6521db248083d4a525ec2ef1def0c6</a>
10:30 - 11:00	<b>Morning Coffee</b>	
10:00 - 12:00 2 hours	<b>SDG Coordination Group</b>	<b>Room D</b> <i>Flora Kerblat, Dave Borges</i> Webex Link: <a href="https://esait.webex.com/esait/j.php?MTID=m5671b637c7275e93c712173dbf07e104">https://esait.webex.com/esait/j.php?MTID=m5671b637c7275e93c712173dbf07e104</a>
11:00 - 13:00 2 hours	<b>New Space Task Team</b>	<b>Magellan Room</b> <i>Antonio Ciccolella</i> Webex Link: <a href="https://esait.webex.com/esait/j.php?MTID=m2e6521db248083d4a525ec2ef1def0c6">https://esait.webex.com/esait/j.php?MTID=m2e6521db248083d4a525ec2ef1def0c6</a>
<b>Lunch 13:00-14:00</b> <i>Please follow signs in the cafeteria to the seating reserved for CEOS SIT</i>		
15:00 - 17:00 2 hours	<b>WGISS Interoperability Framework</b>	<b>Magellan Room</b> <i>Makoto Natsuisaka</i> Webex Link: <a href="https://esait.webex.com/esait/j.php?MTID=m2e6521db248083d4a525ec2ef1def0c6">https://esait.webex.com/esait/j.php?MTID=m2e6521db248083d4a525ec2ef1def0c6</a>
15:00 - 15:30	<b>Afternoon Coffee</b>	
15:30 - 17:00 1.5 hours	<b>CEOS Communications</b>	<b>Room D</b> <i>Dave Borges, Libby Rose</i> Webex Link: <a href="https://esait.webex.com/esait/j.php?MTID=m5671b637c7275e93c712173dbf07e104">https://esait.webex.com/esait/j.php?MTID=m5671b637c7275e93c712173dbf07e104</a>

### Wednesday 29th March - SIT-38 Day 1 (Magellan Room)

Bus departs 08:15 Piazza Marconi (square) Frascati to ESRIN (55 seats). Returns from hosted dinner to Piazza Marconi (55 seats).

<b>Arrival and Welcome Coffee</b> Welcome coffee for in person participants will be hosted in the James Cook room, and meeting connection will be open for testing.		<b>08:30 - 09:00</b> Agenda times ESRIN (CEST)
<b>Session 1: Welcome and Opening Session</b> <b>Objectives:</b> Brief overview of SIT Chair priorities and SIT-38 objectives. Brief review of the updated CEOS Work Plan for 2023-2025. <b>Session Discussion Points:</b> <ol style="list-style-type: none"> <li>None.</li> </ol> <b>Session Decision Points:</b> <ol style="list-style-type: none"> <li>Adoption of the agenda.</li> </ol> <p style="text-align: right;"><b>Session Duration: 40 mins</b> <b>Session Start: 09:00 CEST</b></p>		
1.1	<b>Welcome and Opening Remarks [slides]</b> Simonetta Cheli, SIT Chair Team <ul style="list-style-type: none"> <li>➤ SIT Chair Priorities</li> <li>➤ Meeting Objectives</li> <li>➤ Tour de Table introduction</li> </ul>	30 mins
1.2	<b>CEOS 2023-2025 Work Plan [slides]</b> Marie-Claire Greening/CEO <ul style="list-style-type: none"> <li>➤ Update on CEOS Work Planning for 2023-2025, including Work Plan Deliverables and Commitments</li> </ul>	10 mins

<b>Session 2: Carbon and Climate</b> <b>Objectives:</b> What progress has CEOS made in engaging with the Global Stocktake (GST) Process under the Paris Agreement and what further must be done ahead of GST-1? What progress has been made on the Agriculture, Forestry and Other Land Uses (AFOLU) Roadmap, how does this relate to CEOS engagement in GEOGLAM and GFOI, and what resources are required? How is the biomass product harmonisation work progressing? Is support for the GHG Roadmap, GEO-TREES, and the CEOS cooperation with the International Methane Emissions Observatory (IMEO) on track, and are more resources and/or direction required? <b>Session Discussion Points:</b> <ol style="list-style-type: none"> <li>Is CEOS delivering an effective response to the GST?</li> <li>Is the CEOS 'Roadmap approach' working and what is our strategy around their combination/evolution?</li> <li>How is CEOS connecting to adjacent activity in WMO, GEO, IMEO, and GCOS?</li> <li>CEOS connection to the WMO GHG initiative.</li> </ol>		
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**Session Decision Points:**

1. Whether and how we progress towards an Aquatic Carbon Roadmap
2. What data support can be provided to IMEO?
3. Agree available resources for:
  - a. Further actions towards GST-1 / 2023
  - b. Roadmap actions
  - c. Possible data support to IMEO
  - d. EO Handbook contributions by request

**Session Duration: 3 hours**  
**Session Start: 09:40 CEST**

<b>2.1</b>	<b>Session Introduction [slides]</b> <i>SIT Chair Team</i> ➤ Session objectives	<i>10 mins</i>
<b>2.2</b>	<b>Update on the CEOS Strategy for the Global Stocktake [slides]</b> <i>Stephen Briggs/SIT Chair Team</i> ➤ Progress on GST-1 and required actions	<i>20 mins</i>
<b>2.3</b>	<b>Greenhouse Gas (GHG) Roadmap [slides]</b> <i>Yasjka Meijer, WGClimate GHG Task Team</i> ➤ Progress on Roadmap ➤ Required resources and actions	<i>20 mins</i>
<b>2.4</b>	<b>WMO GHG Initiative Update (for information) [slides]</b> <i>Lars Peter Riishojgaard, WMO</i>	<i>20 mins</i>
<b>Group Photo and Break (10:50)</b>		<i>30 mins</i>
<b>2.5</b>	<b>CEOS AFOLU Roadmap [slides]</b> <i>Osamu Ochiai, LSI-VC Forests &amp; Biomass Team</i> ➤ Progress on Roadmap ➤ Biomass product harmonisation ➤ Required resources and actions	<i>20 mins</i>
<b>2.6</b>	<b>Aquatic Carbon Roadmap Proposal [slides]</b> <i>Marie-Helene Rio, OCR-VC</i> ➤ Proposed Aquatic Carbon Roadmap and what is needed for its realisation	<i>15 mins</i>
<b>2.7</b>	<b>AFOLU and GHG roadmaps - comparison of paradigms [slides]</b> <i>Discussion led by Stephen Briggs, ESA SIT Chair Team</i>	<i>10 mins</i>
<b>2.8</b>	<b>WGClimate Activities [slides]</b> <i>Jeff Privette, WGClimate [remotely]</i> ➤ Latest on GCOS IP release, satellite aspects ➤ UNFCCC relationship ➤ Other topics	<i>20 mins</i>

2.9	<b>Update on CEOS Support to IMEO [slides]</b> <i>Stephen Ward, SIT Chair Team</i> <ul style="list-style-type: none"> <li>➤ CSA input on GHGSat data</li> <li>➤ ESA input on TROPOMI NRT product</li> <li>➤ DLR input on EnMAP data</li> <li>➤ Joint campaigns</li> </ul>	5 mins
2.10	<b>GEO-TREES [slides]</b> <i>SIT Chair Team for Klaus Scipal, ESA</i>	5 mins
2.11	<b>EO Handbook Progress [slides]</b> <i>Stephen Ward, SIT Chair Team</i> <ul style="list-style-type: none"> <li>➤ Purpose and contents</li> </ul>	10 mins
2.12	<b>Discussion</b> <i>SIT Chair Team Moderator</i> <ul style="list-style-type: none"> <li>➤ Next steps and Actions</li> </ul>	15 mins

### Session 3: Sustainable Development Goals

**Objectives:** *The main discussion point for this session is to present the proposed way forward for achieving the Deliverables for 2023, to confirm support from across CEOS to realise 2023 Deliverables, and to confirm the current leadership arrangement (SIT Chair strategic oversight with SEO implementation). Questions to consider include: how the CEOS approach to SDGs is working in practice? (incl. Coordination across CEOS entities); and, should CEOS undertake data analysis for more SDG Indicators (EO support Sheets) or explore other contributions to SDG (e.g. consider Targets level - still supporting the 2030 Agenda)?*

**Session Discussion Points:**

1. *How is the CEOS approach to SDGs working in practice? (incl. Coordination across CEOS entities)*
2. *Should CEOS undertake data analysis for more SDG Indicators (EO support Sheets) or explore other contributions to SDG (e.g. consider Targets level - still supporting the 2030 Agenda)?*

**Session Decision Points:**

1. *Agree on the proposed way forward for achieving the Deliverables for 2023*

**Session Duration: 25 mins**

**Session Start: 13:00 CEST**

3.1	<b>Session Introduction [slides]</b> <i>Marc Paganini/SIT Chair Team</i>	5 mins
3.2	<b>CEOS Support to the SDGs [slides]</b> <i>Dave Borges, CEOS SEO</i> <ul style="list-style-type: none"> <li>➤ 2022 Accomplishments</li> <li>➤ 2023 Planned deliverables &amp; implementation</li> <li>➤ Discussion points: <ul style="list-style-type: none"> <li>○ Inclusiveness of CEOS Agencies in SDG efforts and activities beyond the coordination group</li> <li>○ Coordination Group leadership arrangement (SIT Chair</li> </ul> </li> </ul>	20 mins

	with SEO implementation)	
<b>Lunch (13:25 - 14:45)</b> <i>Please follow signs in the cafeteria to the seating reserved for CEOS SIT</i>		<i>1 hour 20 mins</i>

#### Session 4: Biodiversity

**Objectives:** Hear about and provide feedback on Ecosystems Extent Task Team (EETT) activities, including the first draft of a white paper and demonstrator work. Feedback on the scope of the EETT? Confirm next steps and resources. Hear a brief report on the outcomes from COP15 (Biodiversity).

**Session Discussion Points:**

1. Feedback on white paper and demonstrator
2. Possible leverage of other CEOS activities to support the selected demonstrator(s)
3. Co-Lead replacement for Marie-Josée Bourassa

**Session Decision Points:**

1. Confirm sustainment of resources for the Ecosystems Extent Task Team to complete its white paper and develop the proposed demonstrator(s)

**Session Duration: 35 mins**  
**Session Start: 14:45 CEST**

<b>4.1</b>	<b>Session Introduction [slides]</b> Marc Paganini/SIT Chair Team	5 mins
<b>4.2</b>	<b>Ecosystems Extent Task Team (EETT) [slides]</b> Gary Geller, Sandra Luque/EETT Co-Chairs <ul style="list-style-type: none"> <li>➤ White Paper Outline</li> <li>➤ Demonstrator Initiative</li> <li>➤ Scope of EETT work</li> <li>➤ Next Steps and Resources</li> </ul>	20 mins
<b>4.3</b>	<b>Biodiversity COP-15 Outcomes [slides]</b> Marc Paganini/ESA	10 mins

#### Session 5: Oceans and Coasts

**Objectives:** Improved coordination amongst CEOS oceans and coasts-related activities presents potential benefits, with often siloed activities spread across the Virtual Constellations, COVERAGE, and CEOS-COAST. The UN Decade of Ocean Science for Sustainable Development, and the Paris Agreement GST both have been identified as important and timely opportunities for CEOS to align efforts and promote the impact of Earth observation. At CEOS Plenary, an Ocean Coordination Group was created to chart the way forward, with the Team seeking feedback on potential recommendations for CEOS Plenary 2023.

*Follow-up on Plenary Decisions:*

<b>Decision 36-11</b>	Plenary endorsed the extension of the CEOS Ocean Coordination Group for another six months, to be revisited again at SIT-38.
<b>Decision 36-12</b>	Plenary endorsed the 1-year extension of the COAST <i>Ad Hoc</i> Team, with the understanding that the team will bring to SIT-38 a set of clear, quantifiable recommendations towards the conclusion of the activity.

**Session Discussion Points:**

1. *Progress and impact of CEOS support to UN Decade*
2. *Potential impact of CEOS on the GST with respect to oceans*
3. *Accomplishments of COVERAGE over five years, and its evolution*
4. *How can CEOS best optimise the coordination of its ocean-related activities*
5. *Feedback from Principals on the options for coordination amongst CEOS oceans activities presented*

**Session Decision Points:**

1. *Confirm priorities for the coordination of CEOS ocean activities: contributions to UN Decade and GST*
2. *Agree on the extension of the CEOS Ocean Coordination Group until CEOS Plenary 2023*

**Session Duration: 1 hour 10 mins**

**Session Start: 15:20 CEST**

<b>5.1</b>	<b>Session Introduction [slides]</b> <i>Marie-Hélène Rio/SIT Chair Team</i>	<i>5 mins</i>
<b>5.2</b>	<b>UN Decade of Ocean Science for Sustainable Development [slides]</b> <i>Emma Heslop/IOC, Nadia Pinardi/Co-Chair of CoastPredict</i>	<i>15 mins</i>
<b>5.3</b>	<b>COVERAGE Project Summary and Evaluation [slides]</b> <i>Nadya Vinogradova Shiffer, NASA</i> ➤ Community Response and Discussion	<i>15 min</i>
<b>5.4</b>	<b>CEOS-COAST Pilots [slides]</b> <i>Paul DiGiacomo, NOAA</i>	<i>10 mins</i>
<b>5.5</b>	<b>Ocean Coordination Group [slides]</b> <i>Paul DiGiacomo, NOAA</i> ➤ Feedback from Principals on options identified ➤ Ocean Coordination Group extension (for decision)	<i>15 mins</i>
<b>5.6</b>	<b>Day 1 General Closing Remarks</b> <i>SIT Chair Team</i> ➤ Day 2 preview ➤ Hosted dinner logistics	<i>10 mins</i>
<b>Adjourn</b>		<i>16:30</i>



*Two parallel [Phi Experience tour](#) groups will start at two different points along the tour, and rotate through. The approximate duration is 45-60 minutes. The bus will leave directly from ESRIN for the hosted dinner following the tour. Hosted dinner from 18:45, [www.lacollinettaeventi.com](http://www.lacollinettaeventi.com)*

## Thursday 30th March - SIT-38 Day 2 (Magellan Room)

Bus: departs 08:15 Piazza Marconi (square) Frascati to ESRIN (55 seats). 17:00 ESRIN to Fiumicino airport (25 seats) and 17:00 ESRIN to Piazza Marconi (55 seats).

<b>Arrival and Welcome Coffee</b> Welcome coffee for in person participants will be hosted in the James Cook room, and meeting connection will be open for testing.		<b>08:30 - 09:00</b> Agenda times ESRIN (CEST)
<b>Session 6: New Space</b>  <p><i><b>Objectives:</b> Over the past few years, CEOS Agencies and public institutions in their countries have been exploring avenues for engagement with the innovative and rapidly-expanding New Space sector, including fostering partnerships with companies linked to space-based Earth observation (EO). At SIT-37, an initial information sharing session amongst CEOS Principals highlighted experience acquired at national level and started a discussion about benefits that could be realised by CEOS members. This was followed by a more in depth discussion at the 2022 SIT Technical Workshop, and a recommendation to form a New Space Task Team agreed at CEOS Plenary. What have been the initial outcomes from the New Space Task Team? How do we translate the findings from the Task Team into actions? And what resources and coordination is required to implement those actions?</i></p> <p><b>Session Discussion Points:</b></p> <ol style="list-style-type: none"> <li>1. Feedback on scoping questions presented in the NSTT ‘Think Piece’</li> <li>2. Feedback on items from the NSTT Activities working document</li> </ol> <p><b>Session Decision Points:</b></p> <ol style="list-style-type: none"> <li>1. None.</li> </ol> <p style="text-align: right;"><b>Session Duration: 1 hour 45 mins</b> <b>Session Start: 09:00 CEST</b></p>		
<b>6.1</b>	<b>Session Introduction [<a href="#">slides</a>]</b> Antonio Ciccolella/SIT Chair Team	15 mins
<b>6.2</b>	<b>Agency Interventions</b> SIT Chair Team Moderated <ul style="list-style-type: none"> <li>➤ <b>Beth Greenaway/UKSA:</b> approaches to new space [10 mins] [<a href="#">slides</a>]</li> <li>➤ <b>Yuko Nakamura/JAXA:</b> activities with the commercial sector. [10 mins] [<a href="#">slides</a>]</li> <li>➤ <b>Frederick “Fritz” Policelli/NASA:</b> NASA Commercial Smallsat Data Acquisition (CSDA) Program [10 mins] [<a href="#">slides</a>]</li> </ul>	30 mins
<b>6.3</b>	<b>New Space Task Team (NSTT) [<a href="#">overview slides</a>]</b> Antonio Ciccolella/ESA/NSTT <ul style="list-style-type: none"> <li>➤ Progress to date</li> <li>➤ Key messages from the <i>Think piece on the Role of CEOS in New Space and on the Role of New Space in CEOS</i> (<a href="#">link</a>, draft working document – for information)</li> <li>➤ Review of items from <i>NSTT Activities - Working Document</i> (<a href="#">link</a>)</li> </ul>	30 mins
<b>6.4</b>	<b>Discussion</b>	30 mins

	<p><i>All</i></p> <ul style="list-style-type: none"> <li>➤ Scoping questions <ul style="list-style-type: none"> <li>○ What is meant by “New Space”?</li> <li>○ What is out of scope?</li> <li>○ What could be the Win-win partnership opportunities?</li> <li>○ What interactions have there been so far at CEOS Agency level - lessons learned?</li> <li>○ What does an integrated EO sector look like?</li> <li>○ What CEOS can do for New Space?</li> <li>○ What New Space can do for CEOS?</li> </ul> </li> <li>➤ NSTT Activities</li> <li>➤ Next steps and actions</li> </ul>	
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### Session 7: CEOS Working Group and Virtual Constellation Topics

**Objectives:** Address topics and issues arising from CEOS Working Groups and Virtual Constellations as flagged by leads, and not addressed elsewhere on the SIT-38 agenda.

**Session Discussion Points:**

1. Potential contribution complementary to the way forward with New Space
2. Discussion and initial first steps towards engagement with standards organisations
3. Potential supports to the EOTEC DevNet Sustainability Plan
4. Potential support to the GEOGLAM Rapid Response for Food Security activity
5. Further support to the Kahramanmaraş Event Supersite
6. Precipitation Observation and Product Continuity
7. Support to the PM2.5 Roadmap implementation

**Session Decision Points:**

1. None.

**Session Duration: 2 hours 20 mins**  
**Session Start: 10:45 CEST**

<b>7.1</b>	<p><b>Session Introduction [slides]</b> <i>Philippe Goryl/SIT Chair Team</i></p>	5 mins
<b>7.2</b>	<p><b>Opportunities for Engagement with Commercial Sector in Calibration and Validation [slides]</b> <i>Philippe Goryl, WGCV</i></p> <ul style="list-style-type: none"> <li>➤ Cal/Val Maturity Matrix (CEOS-36-03)</li> <li>➤ WGCV SITSAT Task Team</li> </ul>	20 mins
<b>7.3</b>	<p><b>CEOS Interoperability Framework [slides]</b> <i>Makoto Natsuisaka/WGISS, Peter Strobl/COM</i></p> <ul style="list-style-type: none"> <li>➤ Interoperability roadmap (CEOS-36-10)</li> <li>➤ CEOS common dictionary of terms (CEOS-36-11)</li> </ul>	10 mins
<b>Break (11:20)</b>		15 mins

7.4	<b>CEOS Engagement with Standards Organisations [slides]</b> <i>Discussion, SIT Chair Team</i> <ul style="list-style-type: none"> <li>➤ Recap of main discussion points from CEOS Plenary (Decision 36-08)</li> <li>➤ WGISS and WGCG interventions on work to date</li> <li>➤ Initial discussion of steps towards establishing a snapshot inventory. (CEOS-36-09)</li> </ul>	20 mins
7.5	<b>Landsat Next Update [slides]</b> <i>Tim Newman/USGS</i>	10 mins
7.6	<b>Copernicus Data Space Ecosystem [slides]</b> <i>Ferran Gascon/ESA</i>	10 mins
7.7	<b>EOTEC DevNet Sustainability Plan [slides]</b> <i>Jorge Del Rio Vera/WGCapD</i> <ul style="list-style-type: none"> <li>➤ Plenary actions CEOS-36-04 and CEOS-36-12</li> <li>➤ CEOS SDG work in the context of CEOS WGCapD and contribution to EOTEC DevNet</li> <li>➤ Staffing, in-kind support, regional community of practice</li> </ul>	20 mins
7.8	<b>WG Disasters and Kahramanmaraş Supersite [slides 1] [slides 2]</b> <i>Laura Frulla/CONAE, Stefano Salvi/INGV, GEO-GSNL, WGDisasters</i>	20 mins
7.9	<b>Session Remarks</b> <i>SIT Chair Team</i>	5 mins
<b>Lunch (13:00 - 14:30)</b> <i>Please follow signs in the cafeteria to the seating reserved for CEOS SIT</i>		1 hour, 30 mins

<b>Session 7: CEOS Working Group and Virtual Constellation Topics</b> <i>Continued</i> <div style="text-align: right;"> <b>Session Duration: 2 hours 20 mins</b>  <b>Session Start: 14:30 CEST</b> </div>		
7.10	<b>Precipitation Observation and Product Continuity [slides]</b> <i>Chris Kidd, P-VC</i>	15 mins
7.11	<b>GEOGLAM and Rapid Response for Food Security [slides]</b> <i>Ian Jarvis/LSI-VC GEOGLAM Subgroup/GEOGLAM Project Office</i>	10 mins
7.12	<b>Progress Report on the PM2.5 Roadmap [slides]</b> <i>Barry Lefer/NASA/AC-VC</i>	5 mins

### Session 8: CEOS Mini-Plenary

**Objectives:** This session included a placeholder in the event the CEOS Chair had identified matters requiring Principal-level discussion and/or decision. No issues were identified. A brief update on the CEOS Chair Priorities 2023 will be provided.

**Session Discussion Points:**

1. CEOS Chair 2023 priorities

**Session Decision Points:**

1. None.

**Session Duration: 10 mins**  
**Session Start: 15:00 CEST**

8.1	<b>CEOS Mini-Plenary Topics</b> ➤ No topics nominated.	
8.2	<b>Progress on CEOS Chair 2023 Priorities [slides]</b> CEOS Chair Team/GISTDA ➤ Supporting CEOS Preparations and Inputs to the Global Stocktake of the UNFCCC Paris Agreement ➤ Supporting Exploration of New Geometries for Space Agencies and CEOS with New Space	10 mins

### Session 9: Other Business and Closing

**Objectives:** Updates from GEO Secretariat and the CEOS Systems Engineering Office. Review of the outcomes from SIT-38, review of draft actions, and closing remarks.

**Session Discussion Points:**

1. GEO post-2025 Working Group and CEOS
2. Focusing the purpose of CEOS meetings
3. Hear the opinion of the WG and VC teams as to the need for a VC/WG session in addition to TW.
4. Discuss outcomes from Sessions and confirm understanding

**Session Decision Points:**

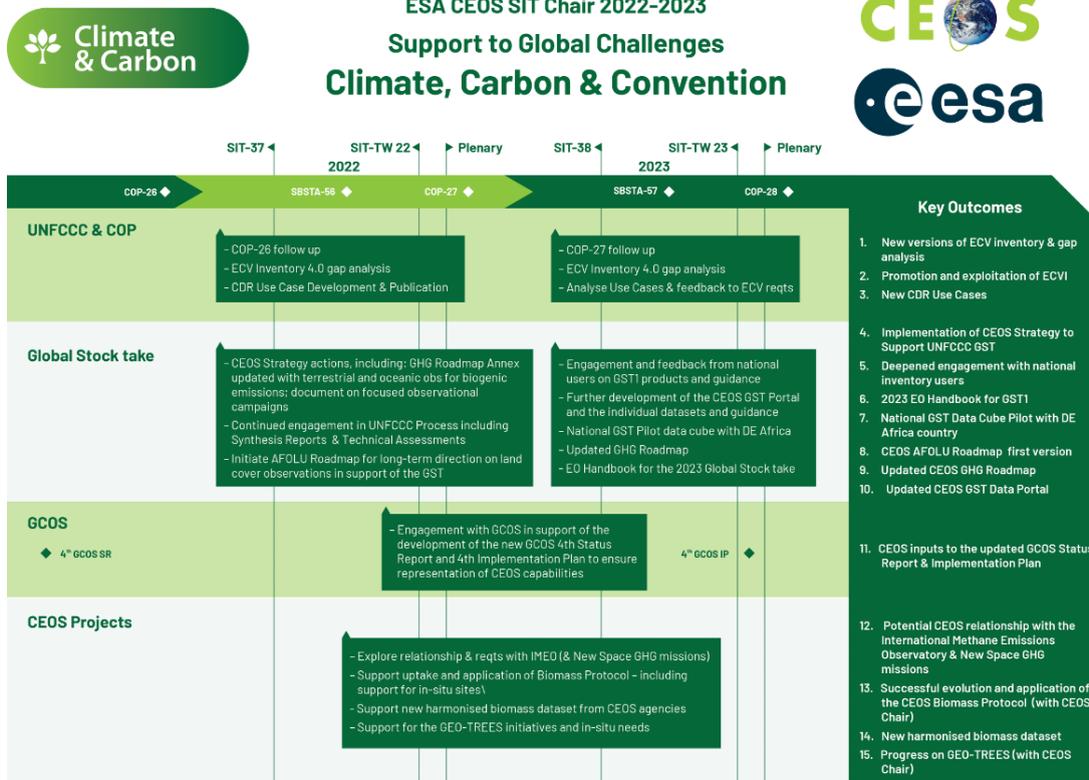
1. Agreement not to replace Marie-Josée Bourassa on the post-2025 GEO Working Group (due to the WG nearing the end of its work)
2. Confirm the list of draft actions from SIT-38

**Session Duration: 1 hour 50 mins**  
**Session Start: 15:10 CEST**

9.1	<b>Update from GEO Secretariat [slides]</b> Laurent Durieux (GEO Secretariat), Andreas Obrecht (GEO Secretariat), CEOS post-2025 Working Group Participants ➤ Work in the GEO post-2025 Working Group (Draft Strategy Outline and content, timeline and process for continuation of	10 mins
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	<p>the preparation of the strategy including planned consultations)</p> <ul style="list-style-type: none"> <li>➤ Report on some GEO WP activities related to SDGs, Biodiversity, Wetlands and LDN</li> </ul>	
<b>9.2</b>	<p><b>CEOS Systems Engineering Office Report [<a href="#">slides</a>]</b> <i>David Borges, CEOS SEO</i></p>	<i>10 mins</i>
<b>Break (15:30)</b>		<i>20 mins</i>
<b>9.3</b>	<p><b>CEOS Communications [<a href="#">slides</a>]</b> <i>Libby Rose, CEOS SEO</i></p> <ul style="list-style-type: none"> <li>➤ Support from Agency communications specialists</li> <li>➤ Potential update of CEOS Communications Strategy</li> </ul>	<i>10 mins</i>
<b>9.4</b>	<p><b>Distinct Purposes for CEOS Meetings [<a href="#">slides</a>]</b> <i>ESA SIT Chair Team</i></p> <ul style="list-style-type: none"> <li>➤ Preparations and participants for the 2023 Technical Workshop</li> <li>➤ VC, WG, AHT Side Session (Tues) at TW</li> </ul>	<i>10 mins</i>
<b>9.5</b>	<b>AOB</b>	<i>5 mins</i>
<b>9.6</b>	<p><b>Review of SIT-38 Session Outcomes [<a href="#">slides</a>]</b> <i>SIT Chair Team</i></p>	<i>30 mins</i>
<b>9.7</b>	<p><b>Review of Draft Actions</b> <i>SIT Chair Team</i></p>	<i>10 mins</i>
<b>9.8</b>	<p><b>Closing Remarks [<a href="#">slides</a>]</b> <i>SIT Chair Team</i></p> <ul style="list-style-type: none"> <li>➤ SIT Technical Workshop 2023</li> </ul>	<i>5 mins</i>
<b>Adjourn</b>		<i>17:00</i>

## 2022-2023 SIT Chair Two-Year Target Outcomes (Circa March 2022)



**Disasters**

**ESA CEOS SIT Chair 2022-2023  
Support to Global Challenges  
Disasters**

