

## **New Space & Future CEOS Session at SIT TW 2022**

### **DRAFT Background Paper for CEOS Agencies**

SIT Chair, 16 June 2022

ESA introduced the topic of 'New Space and Future CEOS' at the SIT-37 virtual meeting and included a brief session on the topic in the agenda. We heard perspectives on the challenges and approaches being undertaken by several CEOS space agencies and had a lively discussion which demonstrated the depth of interest within CEOS agencies on this topic. The background paper for the SIT-37 session may be found [here](#) and the presentations [here](#) (session 4).

Many CEOS agencies are already emphasising support for the opportunities to improve the delivery of services based on EO data and enhanced economic growth resulting from this new phase of industrial space activity in EO. They also expressed a wish to find new ways to support their national and regional companies and to work more effectively in partnership between different sector providers. ESA will explore this subject as SIT Chair, including ways of combining the strengths of each sector - public, commercial and NGO - to improve existing services and enable new ones, focusing on the benefits to end users and society. The ultimate goal is to realise maximum benefit to society from the entire suite of Earth observation space hardware, data archives, and service delivery mechanisms irrespective of their provenance or funding mechanism - for the full range of public sector, not-for-profit or commercial customer and provider categories. And to consider the 'Future CEOS' that can best support this goal.

We will continue our information gathering and discussion at SIT TW, beginning with a number of further agency case studies. USGS, NASA, JAXA, GISTDA and ESA have been requested to provide short presentations to the meeting to report on their respective activities and ambitions - to help inform the discussion on the nature and substance of a strategy for CEOS SIT to take forward. We hope to explore ideas as to the cooperation threads, such as data interoperability standards and calibration and validation that may help future mixing of data streams and maximum value from both public and private systems for societal benefit.

CEOS agencies with an interest in this topic, and who may have pertinent examples and ideas to contribute to the SIT-TW session, are invited to get in touch with the SIT Chair Team to help shape the agenda topics, by email initially to: [sit-chair@lists.ceos.org](mailto:sit-chair@lists.ceos.org).