



**CEOI**

# **Emerging Technologies Workshop**

21<sup>st</sup> April 2021

# Welcome

- CEOI has been running for 14 years – recently concluded 13<sup>th</sup> Call: dozens of projects funded over the years
- Great success story for EO in the UK, with many projects going on to be successful commercially or through ESA
- TRUTHS in particular has benefited from CEOI support over the years, and the UK-led climate mission is now under development at ESA
- Great agenda for this workshop packed with cutting-edge EO technologies for the future
- Now coming towards end of current contract for the CEOI programme
- UKSA keen to continue support of the EO sector and looking at how we can continue the legacy of the CEOI programme
- EO technologies underpin critical climate measurements which remain a priority for government, particularly as we head towards hosting COP26 in Glasgow later this year

# National Space Council

- Established June 2020, reflecting how space has climbed the national agenda
- Cabinet Committee chaired by Prime Minister
- Considers issues concerning prosperity, diplomacy and national security in, through, and from Space, as part of coordinating overall Government policy
- Brings together cross-Government civil and military interests in space
- Unites ministerial direction for policy and investment in space through the new UK Space Strategy
- Focus on plans for how the UK can establish itself as a space power in the coming years, while seizing the huge economic opportunities on offer and kickstarting new high-skilled jobs, right across the country

# National Space Strategy

- The National Space Strategy is a priority for this Government. The Prime Minister and the Secretary of State for BEIS are united in their determination to develop an ambitious National Space Strategy by June.
- Translates national space ambition into coherent policies, enable use of space to address cross-government priorities such as climate change and levelling up the economy.
- Aligns different departments' space activities and the investments behind these and introduce new work to respond to a changing global context.
- Builds on existing policy and programmes, using the levers of government to:
  - Protect and defend UK interests, whether against threats from space or those on land, in air or at sea;
  - Enrich lives in the UK and around the world, by delivering better public services in the UK, protecting the environment and promoting development worldwide;
  - Grow and level up our economy, unleashing innovation, by developing space technologies, services and jobs;
  - Expand our horizons through world-leading science and exploration.
- The UK Space Strategy will also build on the international relationships the UK is an active participant in, such as the already fruitful relationship with NASA and ESA, and other space agencies and nations.

# Space Landscape Review

- Commissioned by Number 10 in 2020 to look at space governance and structures across Whitehall, considering how best to deliver the National Space Strategy.
- One central recommendation is to move high-level policy and strategy functions from the UK Space Agency into BEIS.
- Overarching National Space Strategy to be coordinated by a central Government department in BEIS working closely with MOD.
- UKSA will continue to deliver a UK space programme which unleashes innovation and discovery. Its remit includes:
  - Providing technical capability to advise government on developing the UK's civil national space capabilities and pursuing new commercial & scientific opportunities
  - Designing, developing, and delivering national and international civil space programmes
  - Representing the UK in space partnerships across the world, such as ESA.

# Upcoming EO Events 2021

- 23-24 June, Virtual: CEOI Project Showcase
- 28-30 June, London: Reinventing Space Conference
- 5-11 July, London: Royal Society Summer Exhibition – “Our Burning Earth”
- 6-10 September, Virtual: UK National EO Week
- 27 September – 1 October: UK Space Conference
- 12-14 October, Darmstadt: 2<sup>nd</sup> GCOS Climate Observation Conference
- 25-29 October, Dubai: 72<sup>nd</sup> International Astronautics Conference
- 1-12 November, Glasgow: 26<sup>th</sup> UN Climate Change Conference of Parties (COP26)