



**BUSINESS
FINLAND**

News from JCB and PB-EO

Space Business Forum 22.11.2023
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JCB 16.-17.11.2023 (JOINT BOARD ON COMMUNICATION SATELLITE PROGRAMMES)

- Finland joined Scylight programme with a small ~ 1 M€ subscription
 - Strategic Programme Line Optical and Quantum Communication aims at industrial excellence and market lead in optical and quantum communication technology by 2025
 - It will be beneficial to build up industrial capabilities and to demonstrate the maturity of the technology in the areas of:
 - Optical Network Concepts
 - Optical Network Equipment (space, ground and airborne terminals, intra-satellite photonics, etc)
 - Functional and Service Demonstrations
 - Quantum Communication Technology (excluding dedicated Quantum Key Distribution)
 - Standardisation
- Discussions on the funding of ESA's and EU's Secure Connectivity Programme (ESA Programme related to EU Secure Connectivity) continues while final offer is awaited from the bidding consortium
 - Only one consortium was originally selected for further negotiations (EU and ESA content)
 - Exact content of the ESA project and respective forecasted Member State contracts / geo return is not known
 - However, subscriptions of the Participating States (ESA Element 1 Phase 2) have to be frozen by 8th December (Finnish indicative funding 5 M€ for Phase 1 ja 2 together)
 - Decision to start Phase 2 will be done in an extraordinary JCB meeting on the 14th December
 - ESAs request for Best And Final Offer (BAFO) will be sent on 15th December



PB-EO 21.-22.11.2023 (EARTH OBSERVATION PROGRAMME BOARD)

Some decisions:

- FutureEO Programme, Period 1 - Segment 2: Selection of Earth Explorer 11 Candidate Missions to enter Phase A
 - CAIRT - The Changing-Atmosphere Infra-Red Tomography Explorer, and
 - WIVERN - A 'Wind VELOCITY Radar Nephoscope' to observe global in-cloud winds, clouds and precipitation
- FutureEO-1 Segment 2: Development and Exploitation Work plan for 2024
- Digital Twin Earth Workplan for 2024



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THANK YOU