ESA PB-EO Main Programmes

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BUSINESS FINLAND

FUTURE EO-1 SEGMENT 3

IMPLEMENTATION PLAN APPROVED

- Finland subscription 25M€ (total envelope 1,8B€)
- FutureEO-1 Segment 3 offers Finnish companies multi-year opportunities across the full EO value chain, from **early mission concepts** and **advanced instrumentation** to **data services**, **climate applications**, and **international EO solutions**.

ERS – EUROPEAN RESILIENCE FROM SPACE

ELEMENTS 1 & 2, SPACE RESILIENCE NODES (SRN)

- Finland subscription total 26M€ (total envelope target ca. 1B€)
- Element 1 10M€: **System & architecture studies**, **Space segment definition**, **Ground segment & secure platforms**, Critical technology development, In-orbit demonstrations (**IOD/IOV**) - for example Low-luminance / night-vision imaging, **Downstream & analytics proof-of-concepts.**
- SRN 15M€: **architecture & Pooling & Sharing** (P&S), **scalable crisis-response EO products across Europe.** Work plan approved.

EARTH WATCH

DIGITAL TWIN EARTH & INCUBED

- Finland subscription total 2,35 + 1 = 3,35M€ (total envelope target ca. 150M€)
- **Monitor, simulate, and forecast changes in the Earth system**, and to feed these capabilities into the EU's Destination Earth (DestinE) initiative.
- InCubed supports industry-led, market-driven innovation that generates or exploits value from Earth Observation data. Targets real customers and revenue. Can reach at least minimum viable product (MVP) level by the end of the activity. **Permanent open call**, **ESA** technical **support** & facilities, **co-funded** instrument.

COPERNICUS SPACE COMPONENT

CSC-4 PHASE 1+2+3

- Finland subscription 22,44M€ (total envelope target ca. 3,1B€)
- **Sentinel satellite missions**
- Opportunity for Finnish actors: **satellite subsystems, payloads**, **software**, **ground segment services**, cloud/data processing, calibration & validation, and downstream use of free Sentinel data.