



ESA's Earth Observation and Big Data

IAF GLIS Plenary

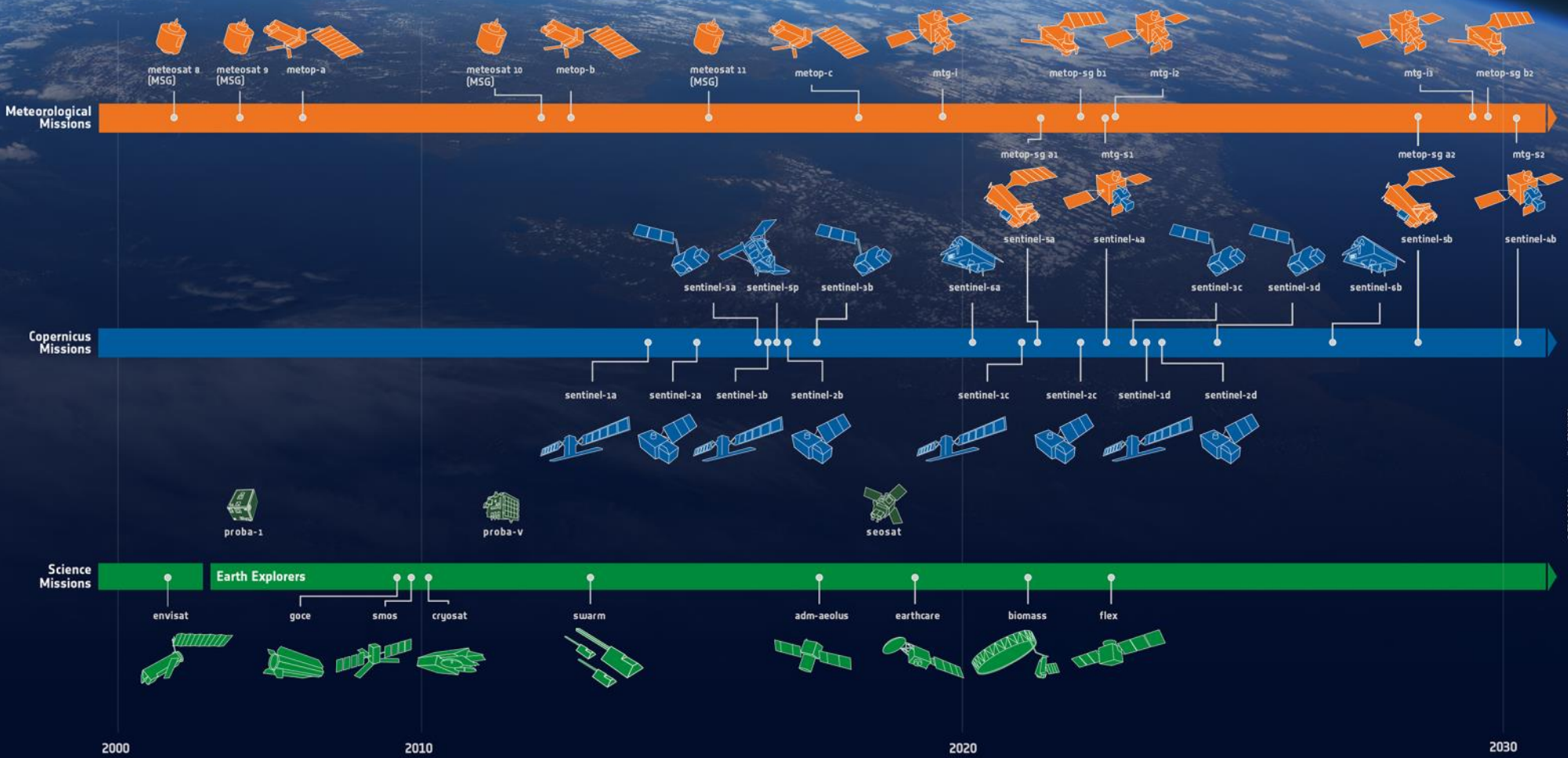
Geneva, 7 June 2016

Josef Aschbacher, ESA

Head of Programme Planning and Coordination
Directorate of Earth Observation Programmes

www.esa.int

→ ESA-DEVELOPED EARTH OBSERVATION MISSIONS



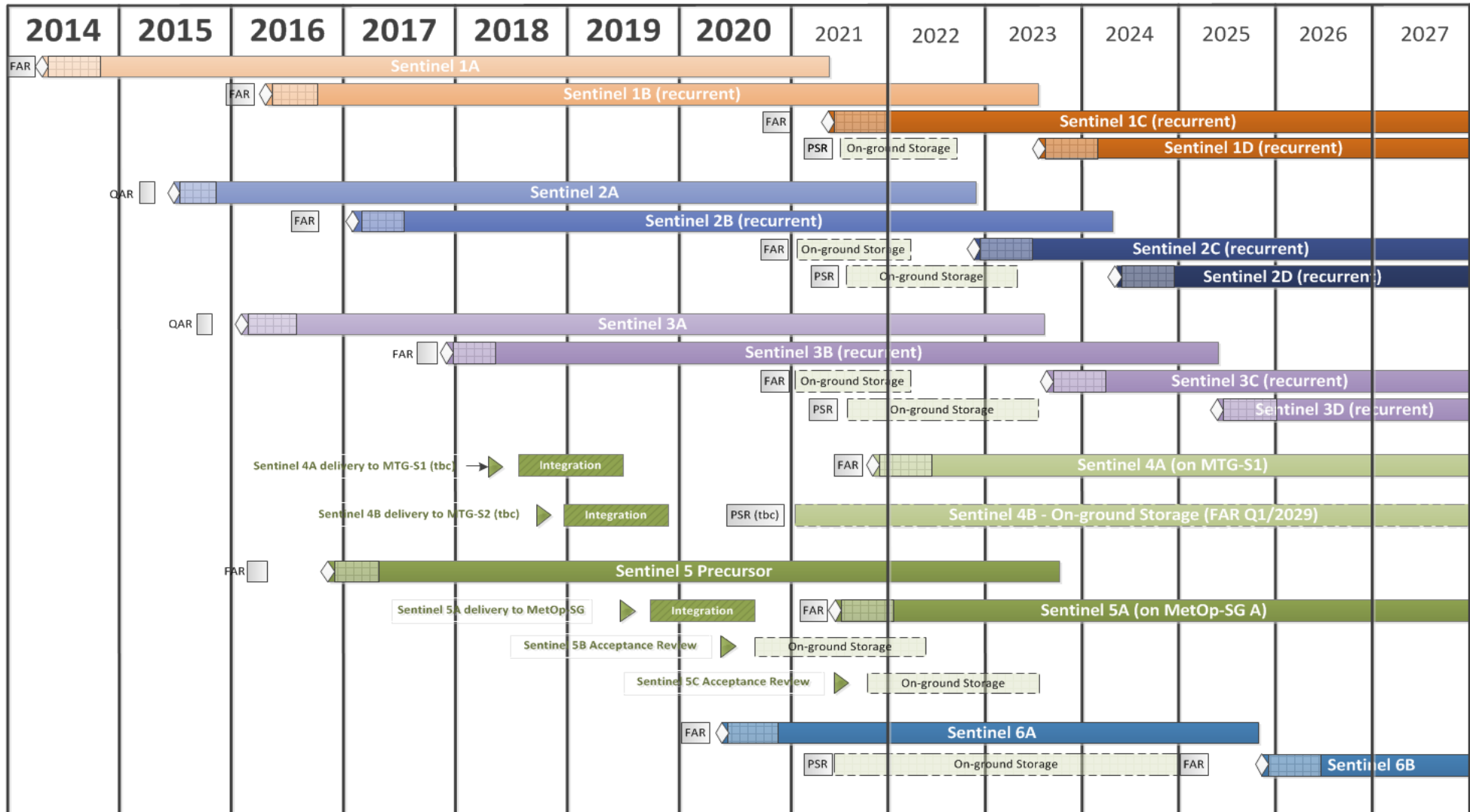
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Sentinel-1B launch - 25 April 2016



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Tentative Sentinel Schedule



Legend:

- Qualification Acceptance Review (QAR)
- Flight Acceptance Review (FAR) or PreStorage Review (PSR)
- On-ground Storage
- Tentative launch date
- In-orbit Commissioning

Status: 22 March 2016

- free and open access
sentinels.copernicus.eu

Users and Products Statistics: (status 26 May 2016)

- 35,023 registered users on Sentinel Scientific Data Hub
- more than 546,000 Sentinel-1 products available for download
- 4,404,769 Sentinel-1 image downloads, representing 4.98 PB of data
- 188 TB of Sentinel-2 data downloaded

ESA Earth Observation Archives Volume Projection (Terabytes, TB)

