

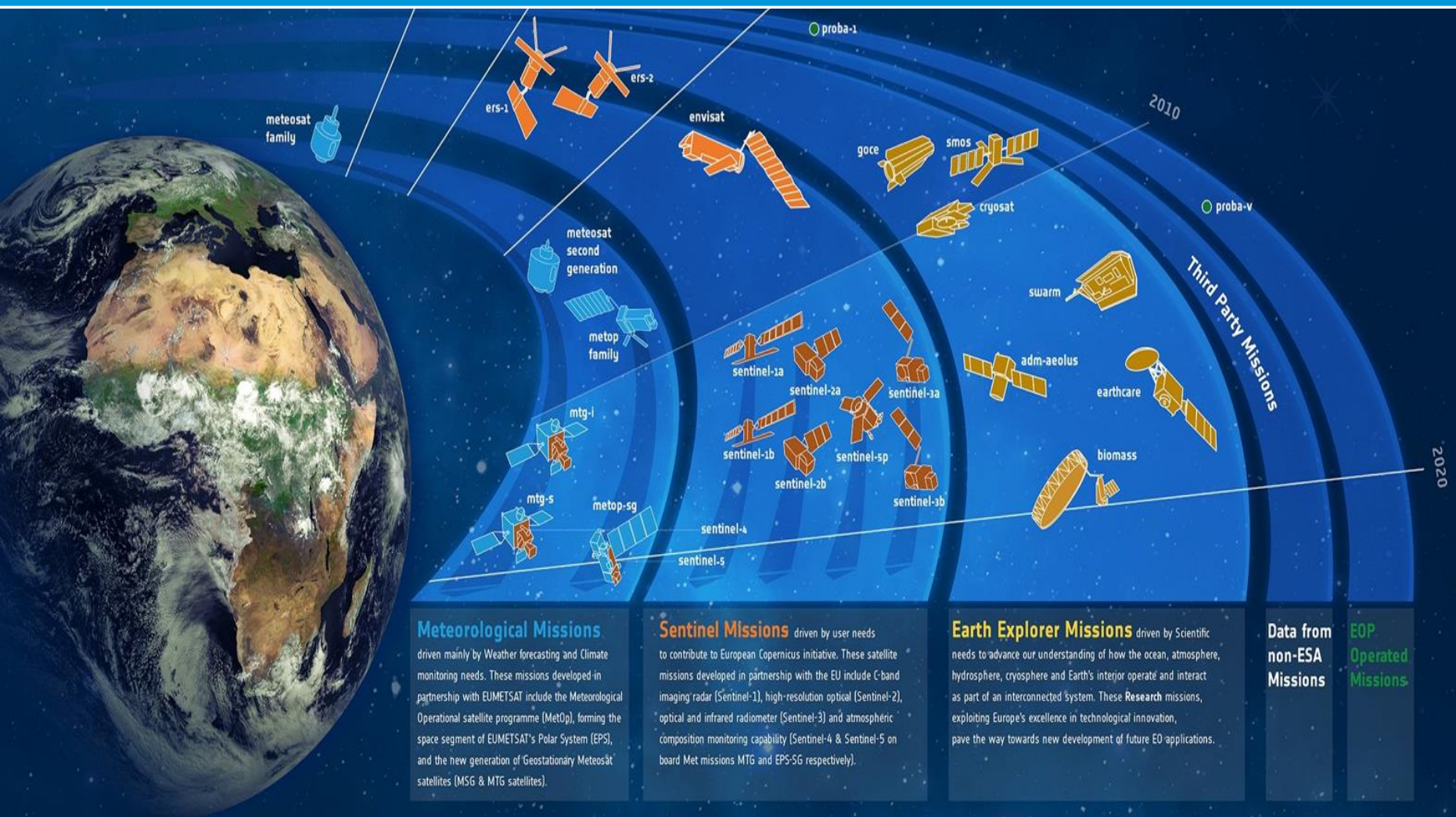
European Interparliamentary Space Conference (EISC)

Earth Observation Data Policy Enabling the Potential of EO Data

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- Data policies lay down the data provider's own rules about:
 - Which data he makes available (processing levels, geographic area, resolution etc.)
 - To whom
 - Under which access conditions (registration, fees)
 - Under which use conditions (licence to use and distribute the data)
- Public data providers move towards “free and open” policies, while commercial missions need to generate income
- National legislation on security and/or export control has an impact on data policy (e.g. high-resolution directives)

Assets in orbit



ESA
Scientific
Missions

Copernicus
Sentinels

Third Party
Missions

Copernicus
Contributing
Missions



- For Envisat, ERS and Earth Explorers, ESA applies a free and open data policy
- Move from charging of fees to a completely “free” data access during 2009 - 2012
- The licensing allows to users the unrestricted use and sharing of data
- Simple registration ensures ESA’s information about use of data

modified data → no restrictions !



S1: Radar Mission



S2: High Resolution Optical Mission



S3: Medium Resolution Imaging and Altimetry Mission



S4: Geostationary Atmospheric Chemistry Mission



S5P: Low Earth Orbit Atmospheric Chemistry Precursor Mission



S5: Low Earth Orbit Atmospheric Chemistry Mission



S6 (Jason-CS): Altimetry Mission

*first launch
3.04.2014*

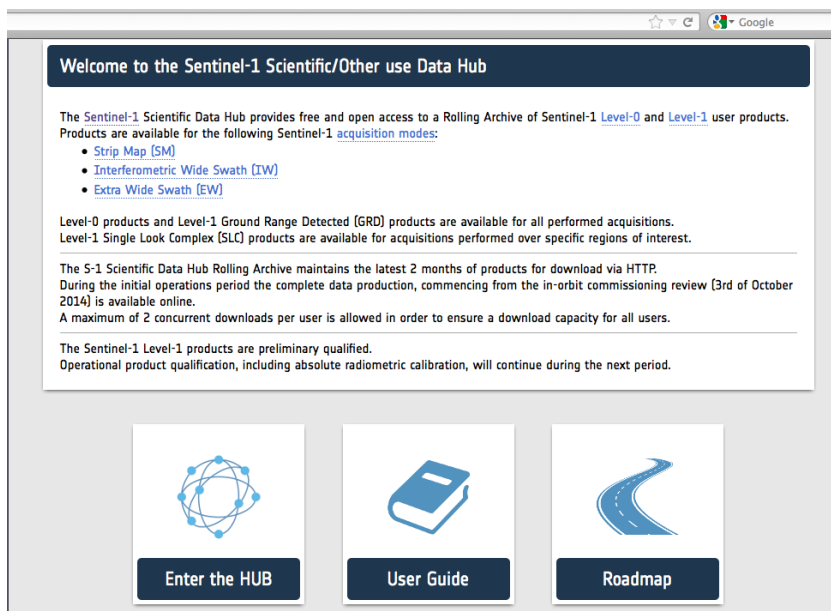
Sentinel Data Policy



- Users shall have **free, full and open** access to Copernicus dedicated Sentinel data and Copernicus service information
- The **CSC Ground Segment architecture implements this policy**, and includes an **evolutionary approach** to further enhance the data exploitation by the broad user community
- The CSC Ground Segment features **dedicated data access infrastructure solutions**, tailored to the needs of the various use typologies
- **Terms and Conditions** for Sentinel data allow **use and distribution**

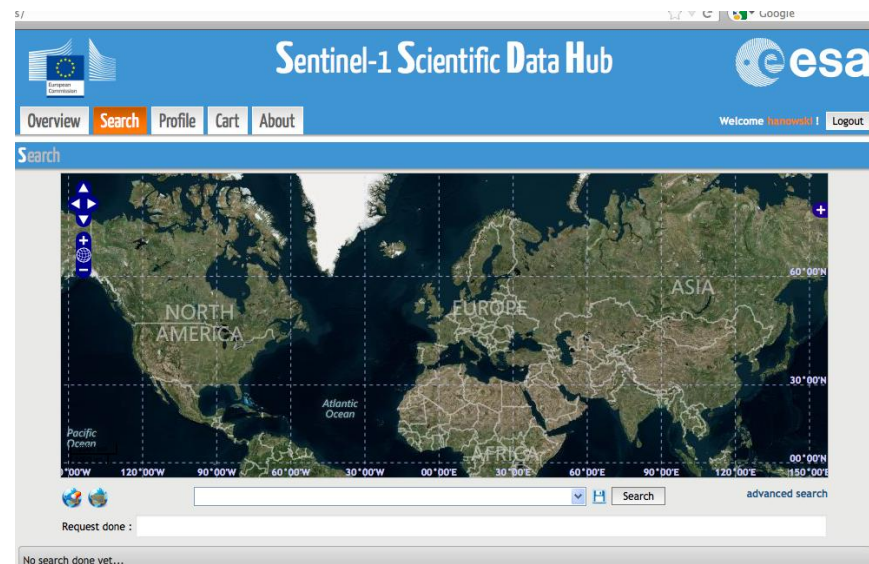


Sentinel Data Access



The access to the Sentinel 1 data long-term archive will be gradually opened to all users starting in June. A similar approach is also envisaged for all other Sentinels.

ESA will ensure that all Sentinel products are accessible to all users online.



Third Party Missions portfolio



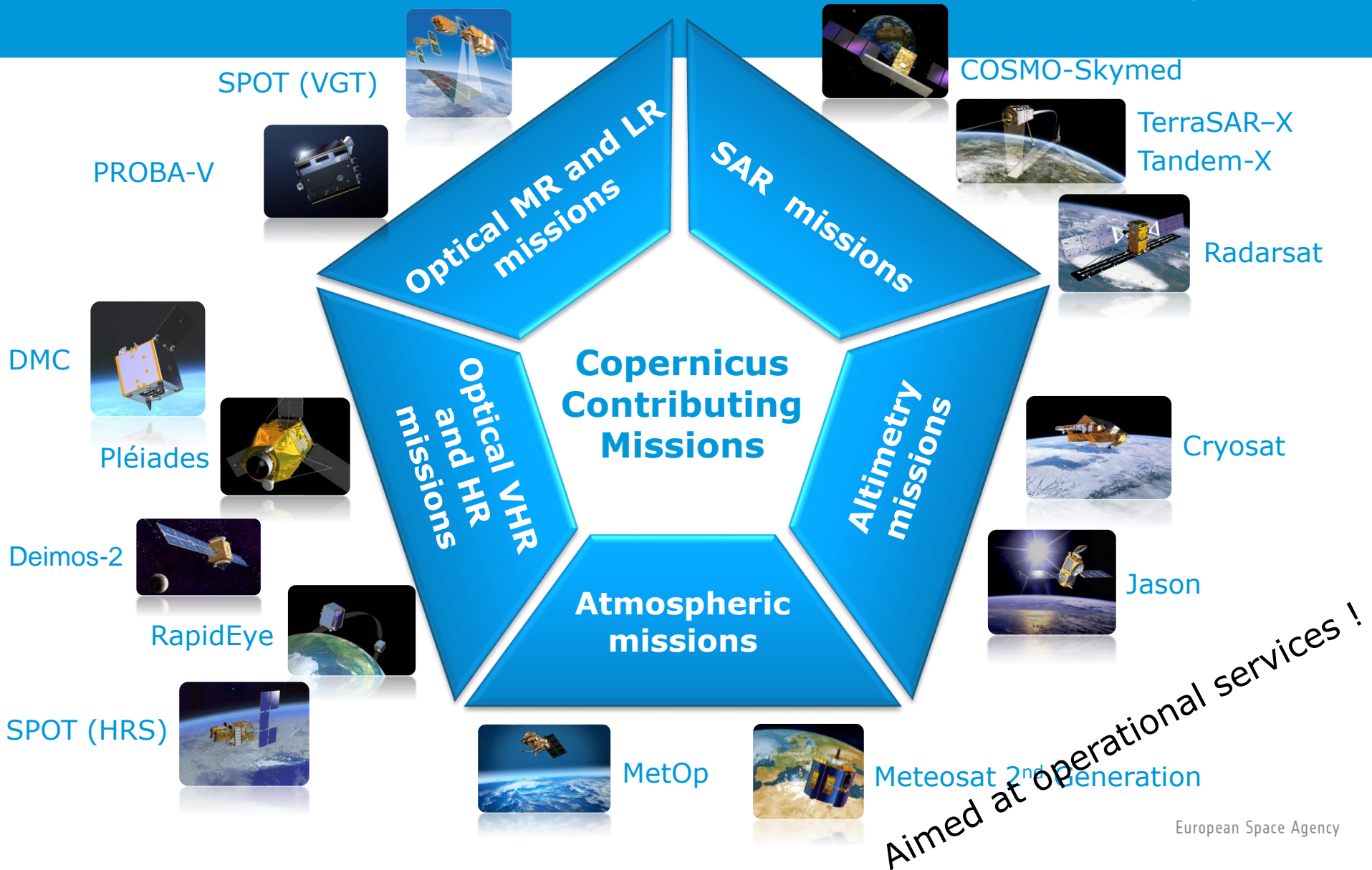
- Cooperation with other Mission operators and data providers
- Data provision to science users and for the **development of commercial services**



Aimed at science and commercial developments !
Restricted in operational use / Quotas

- Data policy and licensing is determined by the data providers' policy and applicable national legislation
- ESA brings down the various different conditions to one common denominator in a single applicable licence document
- Data access is **free of charge** for scientific projects and development of commercial services
- In some cases, the submission of a project proposal is required (e.g. where ESA commercially procures licence quota of commercial data)

Copernicus Contributing Missions



- The **Copernicus Space Component Data Access (CSCDA)** System provides **since 2008** comprehensive and coordinated access to EO data products from multiple satellites to Copernicus space data users across Europe
- User **groups** are defined by the European Union as funding body: Copernicus Services, EU scientific projects, public authorities, etc.
- Access to core and additional datasets, depending on user group
- New phase starting in April 2015 with updates in the mission portfolio, eligibility criteria and licence document
- The **licence** to users includes the various different conditions coming from commercial data providers and national legislation
- Licence allows also the **commercial use of Value Added Products**, generated by the users

<ul style="list-style-type: none">- Requirements- Prioritisation- Eligibility <p>→ EU</p>
