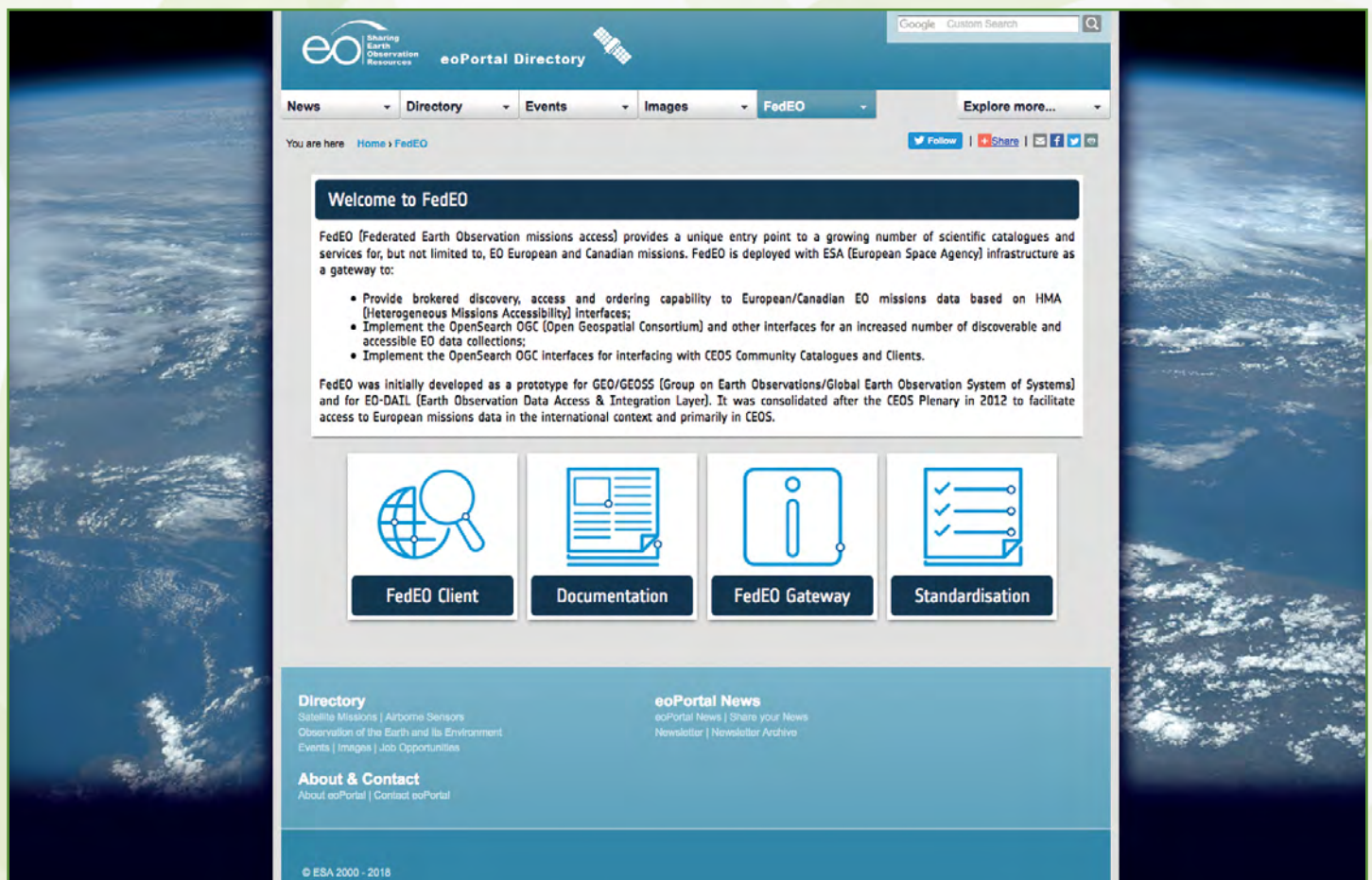


## Federated Earth Observation Gateway (FedEO)

FedEO is an element of the WGISS Connected Data Assets Infrastructure that offers a unique entry point to a growing number of scientific catalogues and services for, but not limited to, European and Canadian EO missions. FedEO is deployed at the European Space Agency (ESA) as a gateway:

- Providing brokered discovery, access and ordering capability to European/Canadian EO missions data based on HMA (Heterogeneous Missions Accessibility) interfaces;
- Implementing the OpenSearch OGC (Open Geospatial Consortium) and other standard interfaces for an increased number of discoverable and accessible EO data collection catalogues from European and non-European data providers;

FedEO ensures the highest level of interoperability for both users and data providers because it is aligned to the most recent OGC, ISO, and CEOS standardisation guidelines. It provides access to more than 2000 EO data collections and 60 million products with a continually increasing number of data collections and EO data providers joining the federation. FedEO data partners include ESA, CNES, UKSA, DLR, JAXA, EUMETSAT, VITO, EC Copernicus, ROSCOSMOS.



**Welcome to FedEO**

FedEO (Federated Earth Observation missions access) provides a unique entry point to a growing number of scientific catalogues and services for, but not limited to, EO European and Canadian missions. FedEO is deployed with ESA (European Space Agency) infrastructure as a gateway to:

- Provide brokered discovery, access and ordering capability to European/Canadian EO missions data based on HMA (Heterogeneous Missions Accessibility) interfaces;
- Implement the OpenSearch OGC (Open Geospatial Consortium) and other interfaces for an increased number of discoverable and accessible EO data collections;
- Implement the OpenSearch OGC Interfaces for interfacing with CEOS Community Catalogues and Clients.

FedEO was initially developed as a prototype for GEO/GEOS5 (Group on Earth Observations/Global Earth Observation System of Systems) and for EO-DAIL (Earth Observation Data Access & Integration Layer). It was consolidated after the CEOS Plenary in 2012 to facilitate access to European missions data in the international context and primarily in CEOS.

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