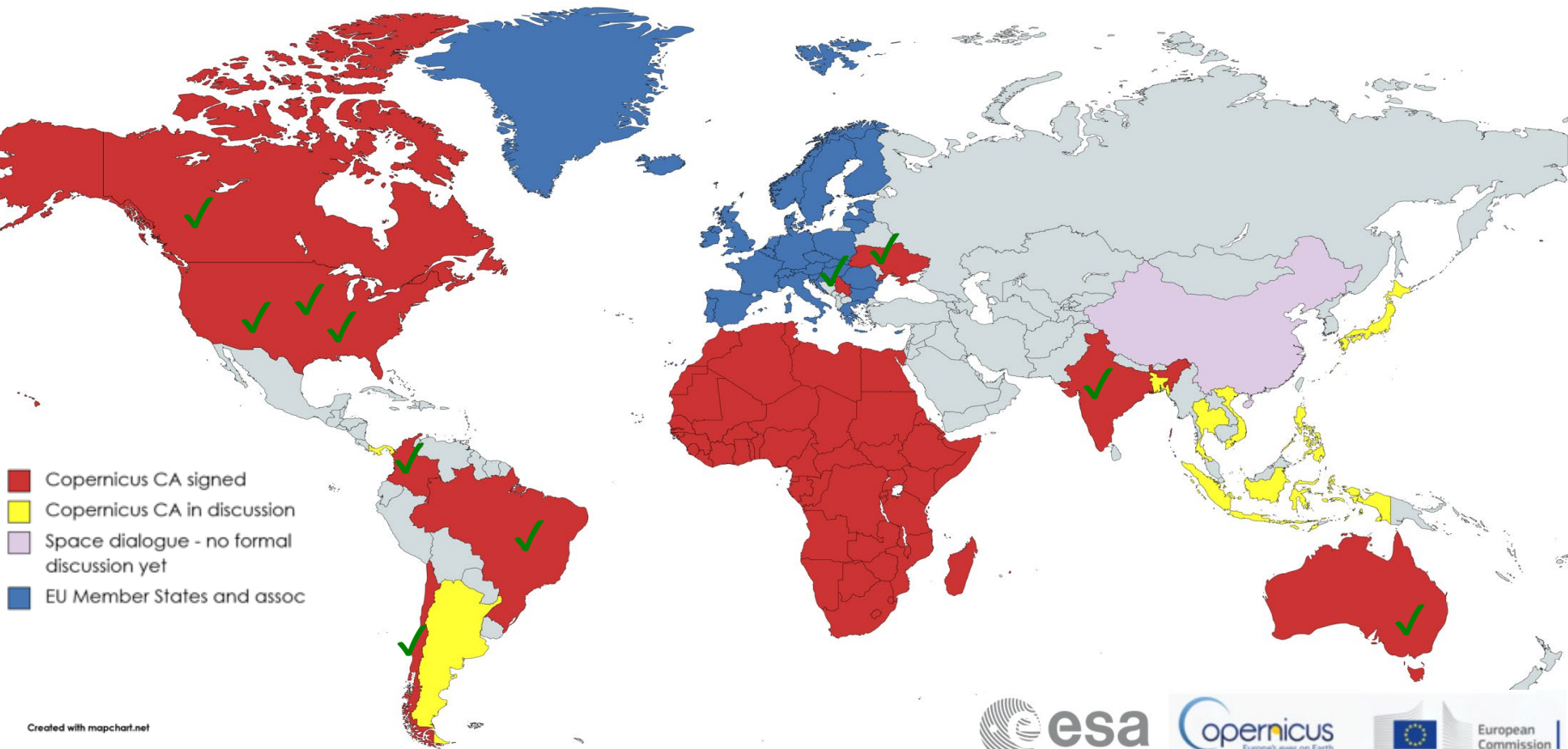




Copernicus

Copernicus international cooperation

✓ signed ESA Technical Operating Arrangements



Created with mapchart.net



Signed:

NASA, USGS, NOAA (USA), Geoscience (Australia), BioSense Institute (Serbia), INPE and Brazilian Space Agency (Brazil), SSAU (Ukraine), ISRO (India), University of Chile UoC (Chile), IDEAM (Colombia), **Canadian Space Agency**

In Negotiation:

6 of the regional partners nominated by African Union Commission (AUC):
NARSS (Egypt), SANSA (South Africa), CSE (Senegal), RCMRD (Kenya), AGEOS (Gabon), MOI (Mauritius)

Upcoming:

Canada, LAPAN (Indonesia), **Philippines**, **Panama**

TOA serves:

- ◆ to implement at a technical level the Cooperation Arrangements which have been concluded earlier between the European Commission (DG-DEFIS) and the international partner state. ESA signs the TOA with the corresponding operating agency nominated by the international partner.

TOA defines:

- ◆ ESA's and the international partner's respective roles and responsibilities, as well as the terms and conditions under which they will cooperate to implement the **exchange of satellite data** foreseen in the Cooperation Arrangement. **It covers also the provision of in-situ data by the partner to ESA.** ESA offers the international partner streamlined access to Copernicus Sentinel data, through ESA's International Hub, and provides the related technical support.

ESA Copernicus Technical Operating Arrangements



- ◆ TOA is implemented on a voluntary, non- legally binding cooperation, without exchange of funds.
- ◆ The partner has obligations to:
 - Report on data use (ideally quarterly)
 - Respect Sentinel Data Governance
- ◆ ESA provides full technical support to the implementation of the TOA



Missions

User Guides

Technical Guides

Thematic Areas

Data Access

Toolboxes

You are here [Home](#) > [Missions](#) > [International cooperation](#) > [Cooperation partners](#)



- Cooperation partners

Country	Institution	Summary
USA	NASA	NASA and ESA have signed a Cooperation Arrangement in February 2016. NASA intends to set-up a Sentinel data mirror site. Read the technical arrangement document
USA	NOAA	NOAA and ESA have signed a Cooperation Arrangement in December 2017. NOAA intends to use global Sentinel data for research purposes. Read the technical arrangement document
USA	USGS	USGS and ESA have signed a Cooperation Arrangement in February 2016. USGS will focus on Sentinel-2 products hosting and distribution. Read the technical arrangement document
Australia	Geoscience Australia	GA and ESA have signed a Cooperation Arrangement in March 2016. GA, in collaboration with partner entities, intends to establish a Regional Copernicus Data Access/Analysis Mirror Site ('GA Data Mirror Site') to improve access to, and exploitation of, Sentinel data in the Australian, South-East Asia and South Pacific

Missions

Missions Home

Sentinel-1

Sentinel-2

Sentinel-3

Sentinel-4

Sentinel-5

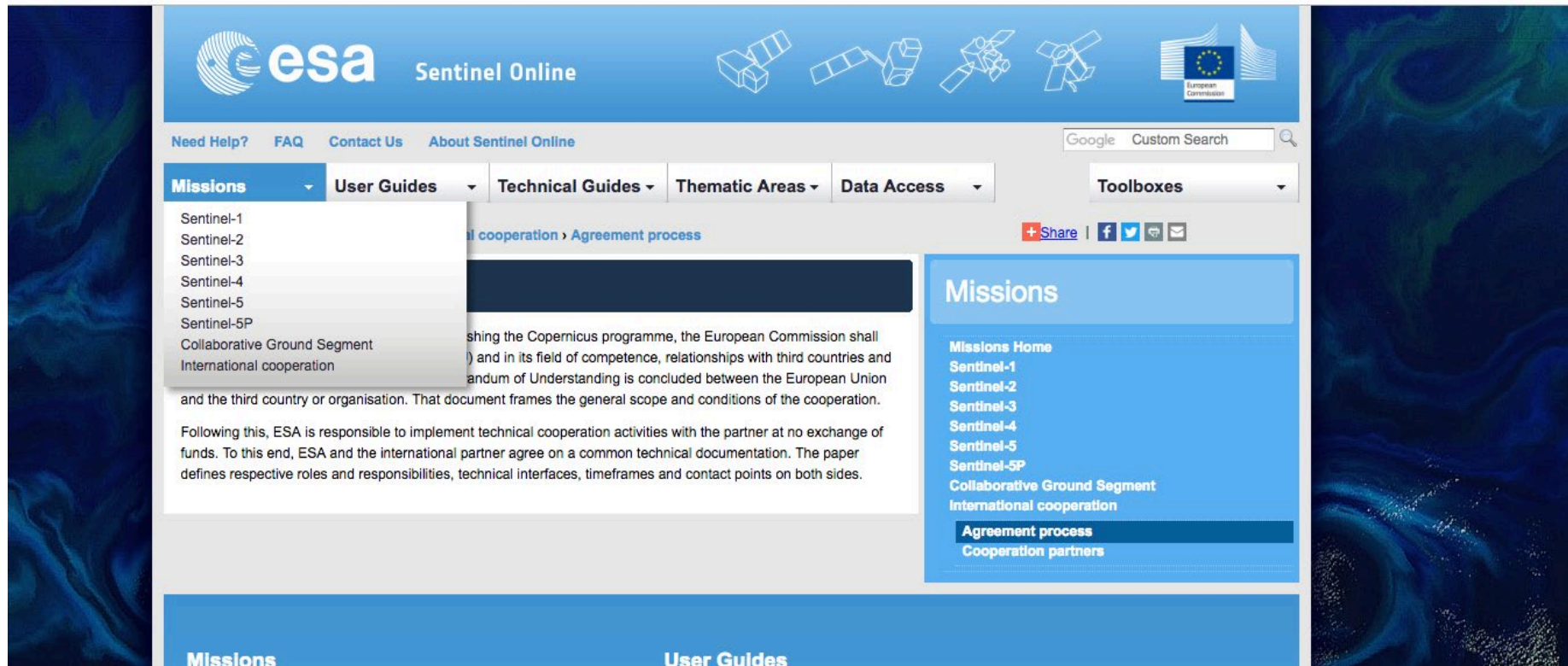
Sentinel-5P

Collaborative Ground Segment

International cooperation

Agreement process

Cooperation partners



The screenshot shows the Sentinel Online website interface. At the top, there is a blue header with the ESA logo and the text "Sentinel Online". Below the header, there are navigation links: "Need Help?", "FAQ", "Contact Us", and "About Sentinel Online". A search bar is located on the right side of the header. The main navigation menu includes "Missions", "User Guides", "Technical Guides", "Thematic Areas", "Data Access", and "Toolboxes". The "Missions" menu is expanded, showing a list of mission types: Sentinel-1, Sentinel-2, Sentinel-3, Sentinel-4, Sentinel-5, Sentinel-5P, Collaborative Ground Segment, and International cooperation. The "User Guides" menu is also expanded, showing a list of guides: "International cooperation", "Agreement process", "Cooperation partners", "ESA's role", "ESA's responsibilities", "ESA's data", "ESA's services", "ESA's products", "ESA's information", "ESA's communication", "ESA's training", "ESA's support", "ESA's contact", "ESA's feedback", "ESA's privacy", "ESA's terms", "ESA's disclaimer", "ESA's liability", "ESA's jurisdiction", "ESA's applicable law", "ESA's governing law", "ESA's governing jurisdiction", "ESA's governing court", "ESA's governing arbitration", "ESA's governing dispute resolution", "ESA's governing conflict of laws", "ESA's governing choice of law", "ESA's governing choice of jurisdiction", "ESA's governing choice of court", "ESA's governing choice of arbitration", "ESA's governing choice of dispute resolution", "ESA's governing choice of conflict of laws", "ESA's governing choice of choice of law", "ESA's governing choice of choice of jurisdiction", "ESA's governing choice of choice of court", "ESA's governing choice of choice of arbitration", "ESA's governing choice of choice of dispute resolution". The main content area features a "Missions" section with a list of mission types and a "User Guides" section with a list of guides. The page is framed by a blue border with satellite imagery on the sides.

Thank you for your attention!

www.esa.int

copernicus.eu

sentinels.copernicus.eu

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