



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Federal Department of the Environment,
Transport, Energy and Communications DETEC

Federal Office for the Environment FOEN
Division



EuroGEOSS Initiative Overview



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Swiss Federal Office for the Environment



Regional initiatives



New: end 2017



EuroGEOSS seeks for cooperation with other regional initiatives and other GEO activities to implement an all-encompassing GEOSS

Credits: M. Schoupe and EuroGEOSS Team



The European gateway to GEO



- To **increase impact** for Europe and GEOSS
- To **accelerate uptake** of GEOSS and Copernicus by European **users**
- To **leverage internationally** EO capacities existing in Europe
- To contribution to **GEO engagement priorities, GEO SBAs, implementation of EU policies**



Credits: M. Schoupe and EuroGEOSS Team



EuroGEOSS will...



- Provide an **inventory** of ongoing European innovation activities
- Scale-up and showcase selected EuroGEOSS **pilot applications**
- Support **national** EO efforts in Europe
- Contribute to **international** efforts to coordinate Earth observation activities (strengthen links)



Credits:
EuroGEOSS
infographic



EuroGEOSS strategy: 3Cs



- **Coordination** of user driven activities to ensure a coherent European contribution to GEOSS
- **Combination** or integration of activities to reach critical-mass of use
- **Cooperation** beyond individual programmes and user communities in Europe



Added value



- **New partnerships** for EO innovation addressing the data value chain
 - ✓ Beyond R&I
 - ✓ Beyond the current GEO community in Europe
- To develop **critical mass** based on existing **developments in Europe**
- To **upscale** close-to-market EO applications benefiting from GEOSS
- **Strong connection** to relevant GEO activities

Credits: M. Schoupe and EuroGEOSS Team



Who will benefit



European, national and local government **decision-makers**



Citizens who want to know more about their environment



Researchers and scientists performing environmental related analyses



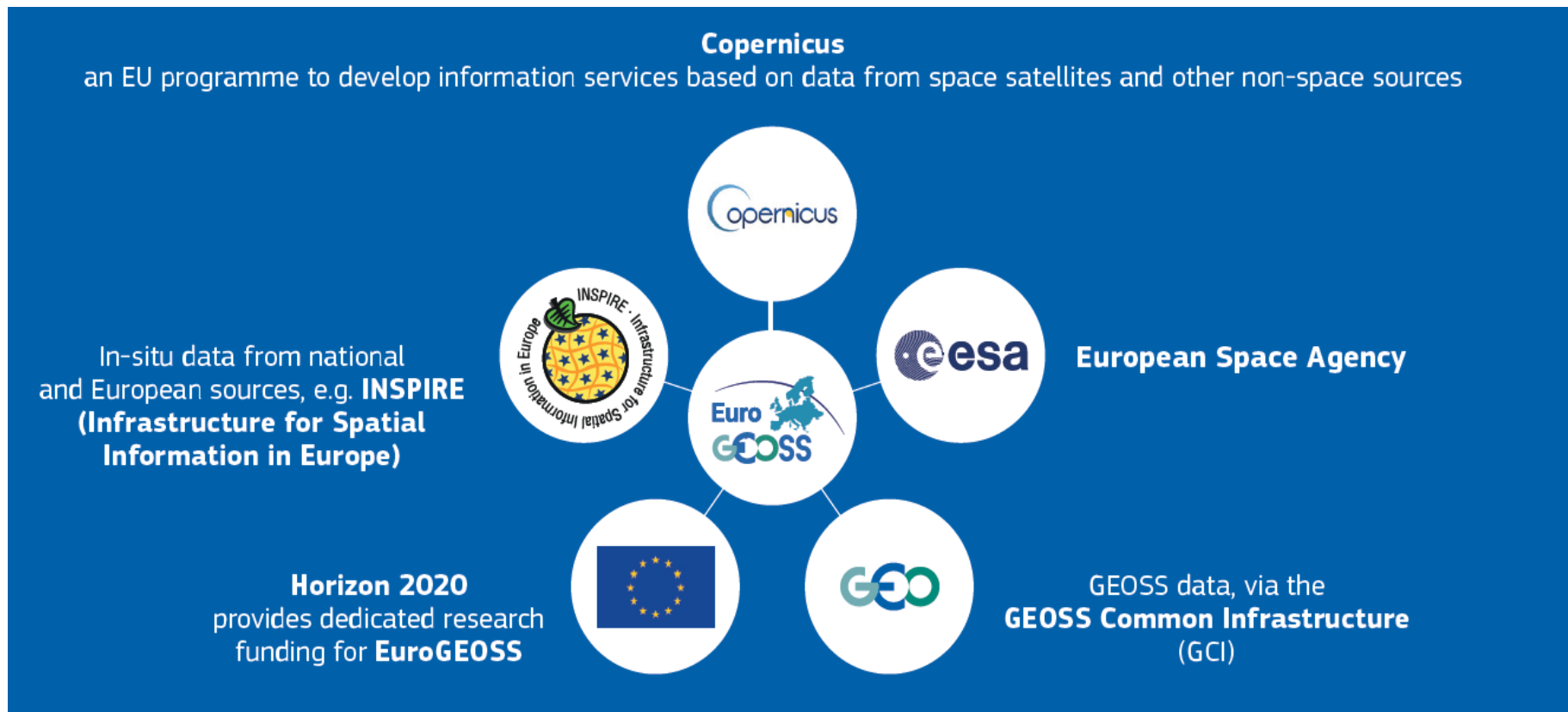
Private-sector companies requiring EO applications for market development or to improve their services



Data sources



... include satellites, air-borne, sea-borne and land-based sources, including from citizens.



Credits: EuroGEOSS infographic



EuroGEOSS & other regional initiatives & platforms



- EuroGEOSS was launched only recently – **not yet connected with other initiatives** (discussions will start at EuroGEOSS workshop 2018)
- **Potential benefits through coordination**: user uptake, access to in-situ data, consolidation global services and GEOSS, promotion regional data and services
- The **GEOSS Platform** is intended as a source of Global Information and as a **prominent dissemination platform**
- **No plan to develop a EuroGEOSS regional infrastructure** as there are many already existing (e.g. Copernicus DIAS, INSPIRE, NextGEOSS, EEA, etc.)

Credits: G. Ollier EC



Key gaps or challenges related to GEO



- **Two clear routes for the implementation** of EuroGEOSS:
 - 1) Through new fixed term projects
 - 2) Through open innovation partnerships bringing together existing projects – how GEO can help sustain EuroGEOSS products/services?
- **Evolution of the GEOSS platform** needed to promote/leverage EuroGEOSS products
- The delivery of services/products/applications through GEOSS and EuroGEOSS require **positioning of GEO with respect to commercial sector**

Credits: G. Ollier EC



GEO GROUP ON
EARTH OBSERVATIONS



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Registration is open!

EUROGEOSS WORKSHOP 2018

12-14 SEPTEMBER 2018, GENEVA



#EGW2018 <https://ec.europa.eu/easme/en/eurogeoss-workshop-2018>



THANK YOU!



GROUP ON EARTH OBSERVATIONS (GEO)
<https://www.earthobservations.org/geoss.php>
<http://ec.europa.eu/research/eurogeoss>
#EUROGEOSS | @E04INNOVATIONEU | WWW.COPERNICUS.EU | @COPERNICUSEU

<http://ec.europa.eu/research/eurogeoss>



Backup Slides



EuroGEOSS Timeline





Two complementary routes to help delivering EuroGEOSS applications



Fixed term projects

- Horizon 2020 and the next "Horizon Europe"
- Copernicus
- Other EU programmes
- ESA
- National programmes
- Other



Open innovation partnerships (voluntary "Action Groups")

- To collaborate, benchmark, combine existing developments
- To leverage along the value chain
- GEO collaborative spirit

Credits: M. Schoupe and EuroGEOSS Team