Copernicus Relays for digitalisation
spanning a Network

On the barriers limiting the adoption of the Earth Observation Copernicus data and services and their integration with non-conventional (e.g. citizen) observations: the EU CoRdiNet project contribution

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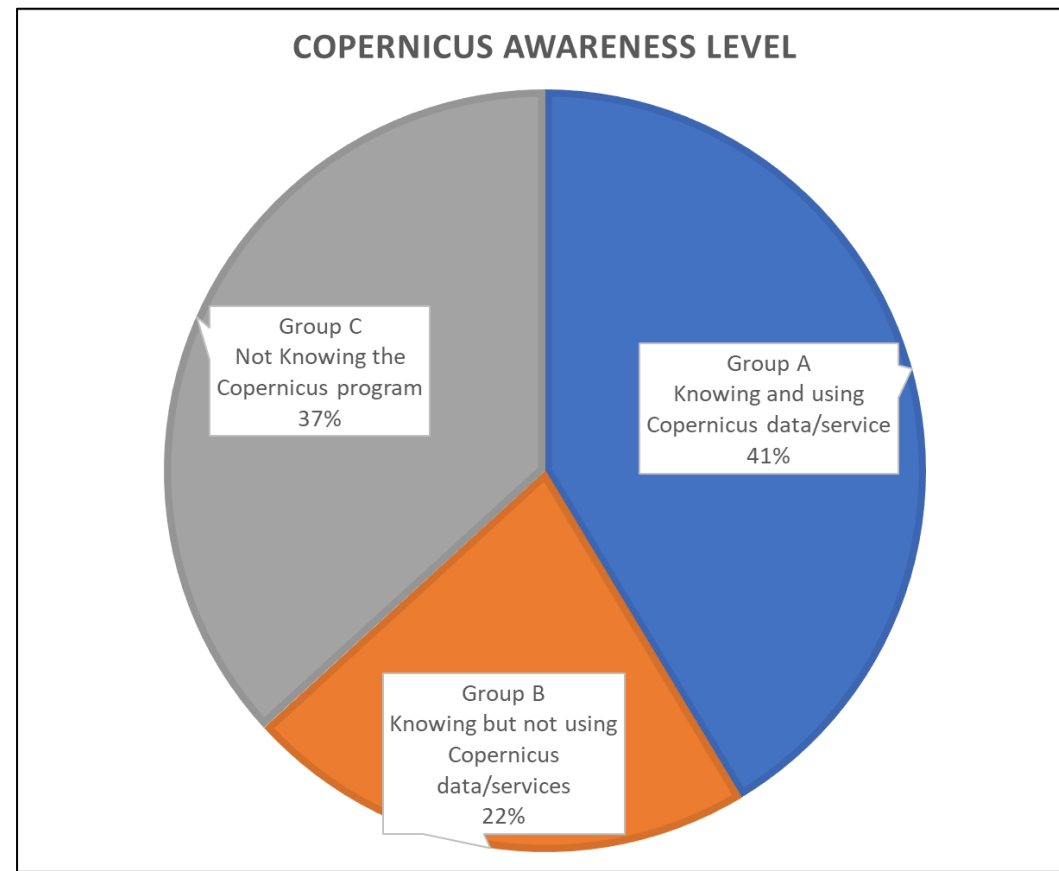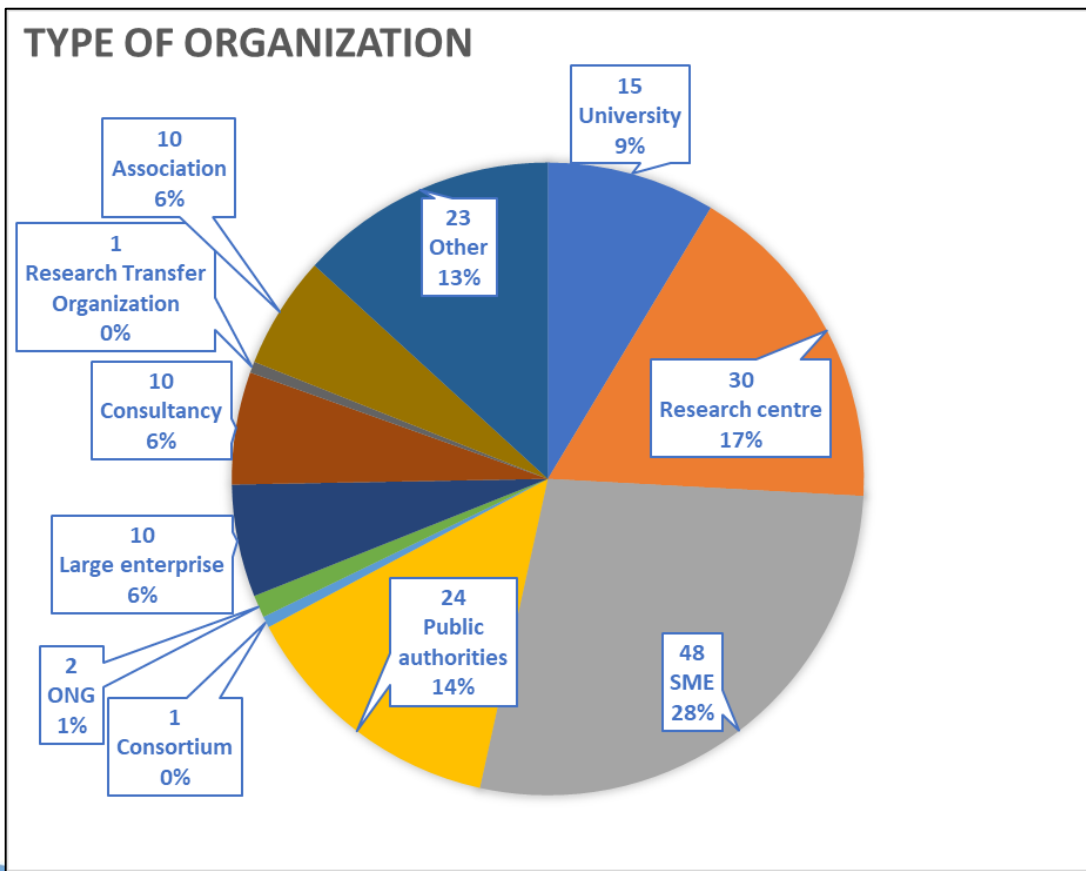
Main mission:

➢ **Serving** - based on long-standing experience of its members –
as a best practice example to members of the **Network of Copernicus Relays**, by adapting to the demands and needs of a changing competitive business environment and fostering digitalization

➢ **Supporting** - building on top of the Copernicus infrastructure & data –
the markets by pilot actions linking users & suppliers of Copernicus related services, including the members of the Copernicus Academy

➢ **Advocating** the importance of the **regional/sub-national dimension**

https://cordinet.net/

An analysis of needs, challenges, and barriers to user-uptake of Copernicus data and products has been carried out by **TeRN-CNR**. A total number of about 180 stakeholders were addressed and interviewed by the CoRdiNet partners (https://cordinet.net/resources/questionnaire_cordinet.pdf).

TYPE OF ORGANIZATION

- 15 University 9%
- 10 Association 6%
- 1 Research Transfer Organization 0%
- 10 Consultancy 6%
- 10 Large enterprise 6%
- 2 ONG 1%
- 1 Consortium 0%
- 24 Public authorities 14%
- 48 SME 28%
- 30 Research centre 17%
- 23 Other 13%

COPERNICUS AWARENESS LEVEL

- Group C Not Knowing the Copernicus program 37%
- Group A Knowing and using Copernicus data/service 41%
- Group B Knowing but not using Copernicus data/services 22%

Four main types of **barriers** to EO Data applications & services were identified.

➢ Lack of **information & education/training** for LRAs & SMEs, who are not always well skilled for this objective

➢ Perception of **technical issues**, e.g. when searching/exploring/accessing EO data or about interoperability

➢ Need for data @ **improved temporal & spatial resolution** and for more accurate & reliable products

➢ Slight warning about **costs** to be sustained for dedicated ICT infrastructures & for ad-hoc education/training initiatives for internal staff.

Recommendations for Copernicus User-Uptake.

➢ Fostering User-Uptake initiatives:
- ▪ Strengthening Copernicus Relays and Academy collaboration
- ▪ Continuous updating and delivering of very recent success Copernicus solutions
- ▪ Developing ad hoc learning modules on EO Copernicus data/services
  for young students

➢ Generation and divulgation of adequate & updated Copernicus "data access kits"

➢ Facilitating stakeholders in accessing to the available different funding opportunities to support their investments on training & ICT infrastructure investment/upgrade.