

GEO WEEK & MINISTERIAL SUMMIT 2023

Flashtalk

6 November 2023, Cape Town

#TheEarthTalks

Copernicus WG Africa Training of Trainers Program



WORKING
GROUP
AFRICA



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**GEO WEEK
2023** MINISTERIAL
SUMMIT

GEO GROUP ON
EARTH OBSERVATIONS



Copernicus is world leader of civil Earth observation from space

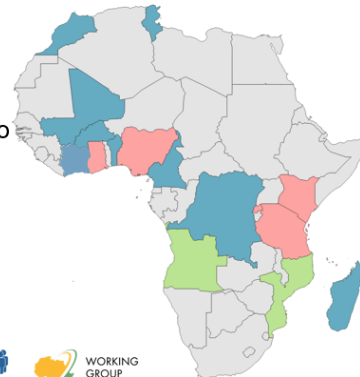
Copernicus provides secured, calibrated, validated, open and free data and products

It is a user-driven long-term program

- Its potential in Africa is not fully exploited
- **WG Africa has been created to support the User Uptake of Copernicus in Africa in complement to other programs like GMES & Africa**

18 Participating Countries

- | | |
|-----------------------|--------------------------------|
| • Angola | • Cameroon |
| • Mozambique | • Madagascar |
| • Sao Tome y Principe | • Democratic Republic of Congo |
| • Cape Verde | • Benin |
| • Nigeria | • Morocco |
| • Ghana | • Burkina Faso |
| • Tanzania | • Tunisia |
| • Rwanda | • Ivory coast |
| • Kenya | • Mali |



WG Africa Copernicus Training of Trainers Program

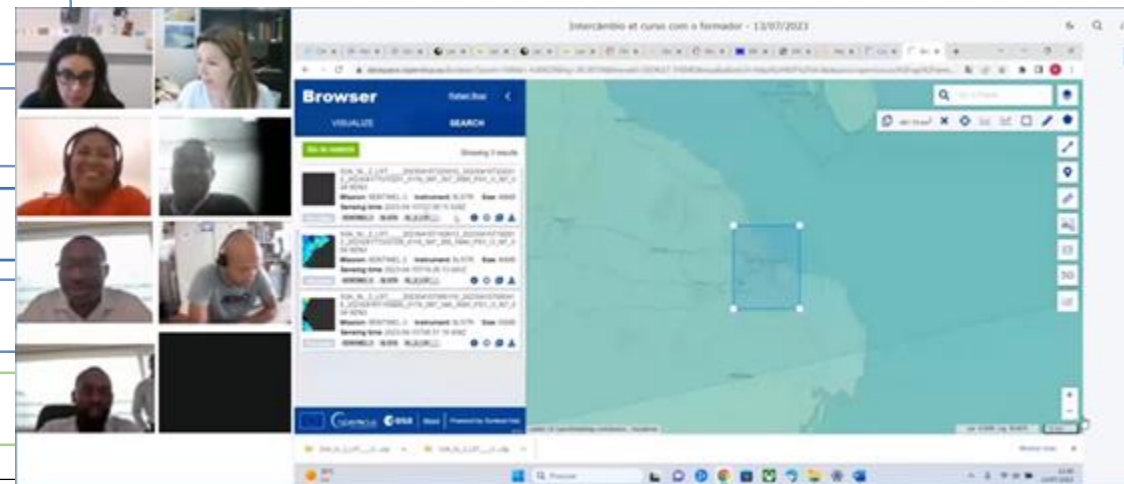
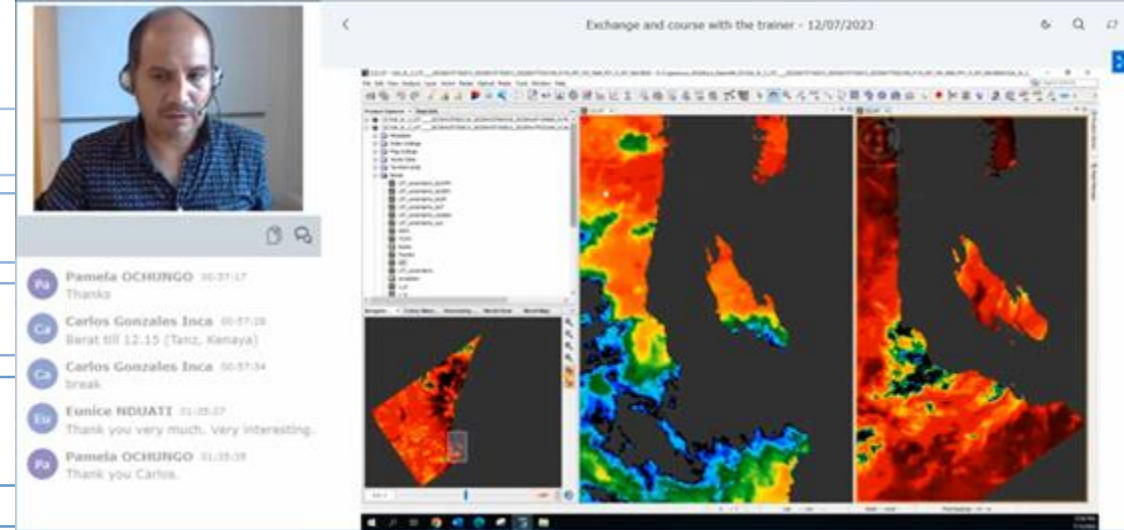
Joint Effort of 12 Institutions from 8 European Countries funded by the European Commission

Objectives :

- To Train at least 20 African Trainers to the use of Copernicus in 3 languages (PT, EN, FR)
- To Co-develop and Implement Copernicus Local Training Sessions
- To Train in total 300 local trainees and Integrate Copernicus Modules into existing local Curricula and Training Catalogues
- To Develop the network of Copernicus Relays and Academies in Africa

Advanced Training Program

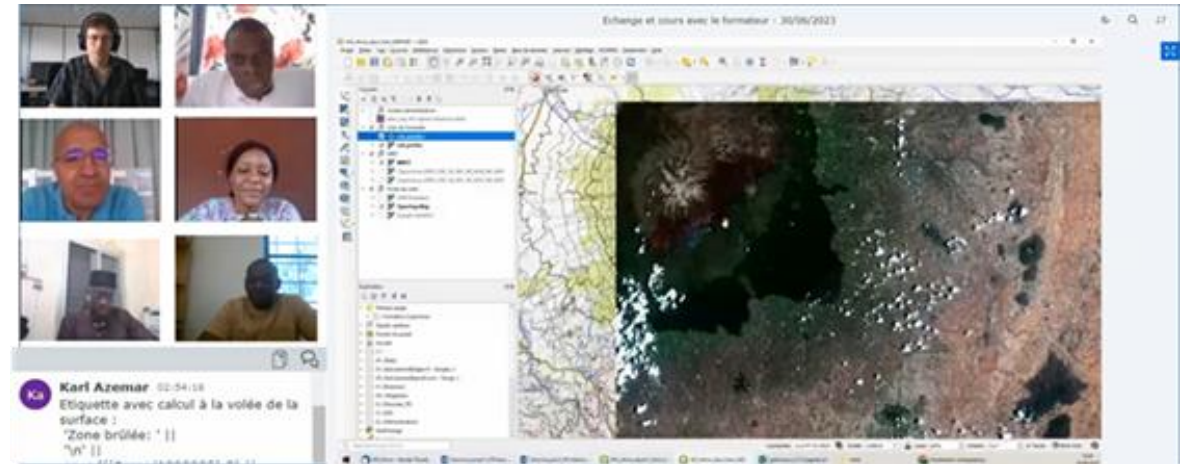
- Mod. 1 • Trainer pedagogical methods and techniques
- Mod. 2 • **GIS** basics
- Mod. 3 • **Remote Sensing** and Optical data basics
- Mod. 4 • **European Union Copernicus Program**
- Mod. 5 • **Python** scripting, Jupyter notebook/JupyterLab
- Mod. 6 • **SAR** Basics ; Data and Processing tools
- Mod. 7 • **Artificial Intelligence** for Earth Observation data analysis
- Mod. 8 • **Webmapping** and geo-data visualisation
- Mod. 9 • **Thematic** trainings - on demand



WG Africa 2nd phase : Mentorship Program

Objectives :

- Support our Trainers in the development and implementation of local Training sessions applied to Local thematics to take place in 2024-2025
- Advertise their Training Events
- **Build long-term partnership relationships**
- Follow us on Facebook, Twitter, LinkedIn



Partners and Affiliations

Consortium Partners & Affiliated Entities



With the collaboration of

