



Providing geoscience data globally

OneGeology

*an operational infrastructure of
geoscience data services*

Cape Town, 8th February 2015

OAGS (Organisation of African Geological Surveys) –
EGS (EuroGeoSurveys) Workshop



Organisation of African Geological Surveys
Organisation des Services Géologiques Africains
Organização de Serviços Geológicos Africanos

Marc URVOIS

BRGM, representing OneGeology




The Geological Surveys of Europe

PanAfGeo – OneGeology:

- Geoscience information infrastructure
- Distributed over several continents
- Mobilise well established international networks and proven success in coordinating continental initiatives
- Implement interoperability principles, metadata of maps and services
- Accommodate needs of geoscience data at various scales and various geological topics

Data providers
need/want/have to share
their geoscience data

A central diagram consisting of a light blue rectangular box with the text "OneGeology makes it happen" inside. Two large, light blue double-headed arrows point outwards from the box, one to the left and one to the right. The background of the diagram is a faint, large-scale version of the ONE Geology logo.

**OneGeology
makes it
happen**



End-users need/want a reliable
access to the geoscience data (in
one place and updated in the
best possible way)



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OneGeology is an operational system, it is not an experiment

- Wide range of data services: over 300 national and state geological maps
- Users in research, education and commerce
- Help desk and extensive easy to use documentation
- Awarded by Geospatial World Forum in 2012 for the Excellence in Geospatial Interoperability Standards Implementation

Background

- Initiated in 2007 by Geological Survey Organisations from around the globe: national and state/provincial/territorial
- Voluntary initiative
- It has raised the level of geological survey information delivery across the world
- It has made geology a global leader in the field of SDI & an example of a scientific community working together
- It has spawned many projects and initiatives across the world, some very large (i.e. continental initiatives such as OneG-E in Europe, GIN in USA and CCOP project in Asia)



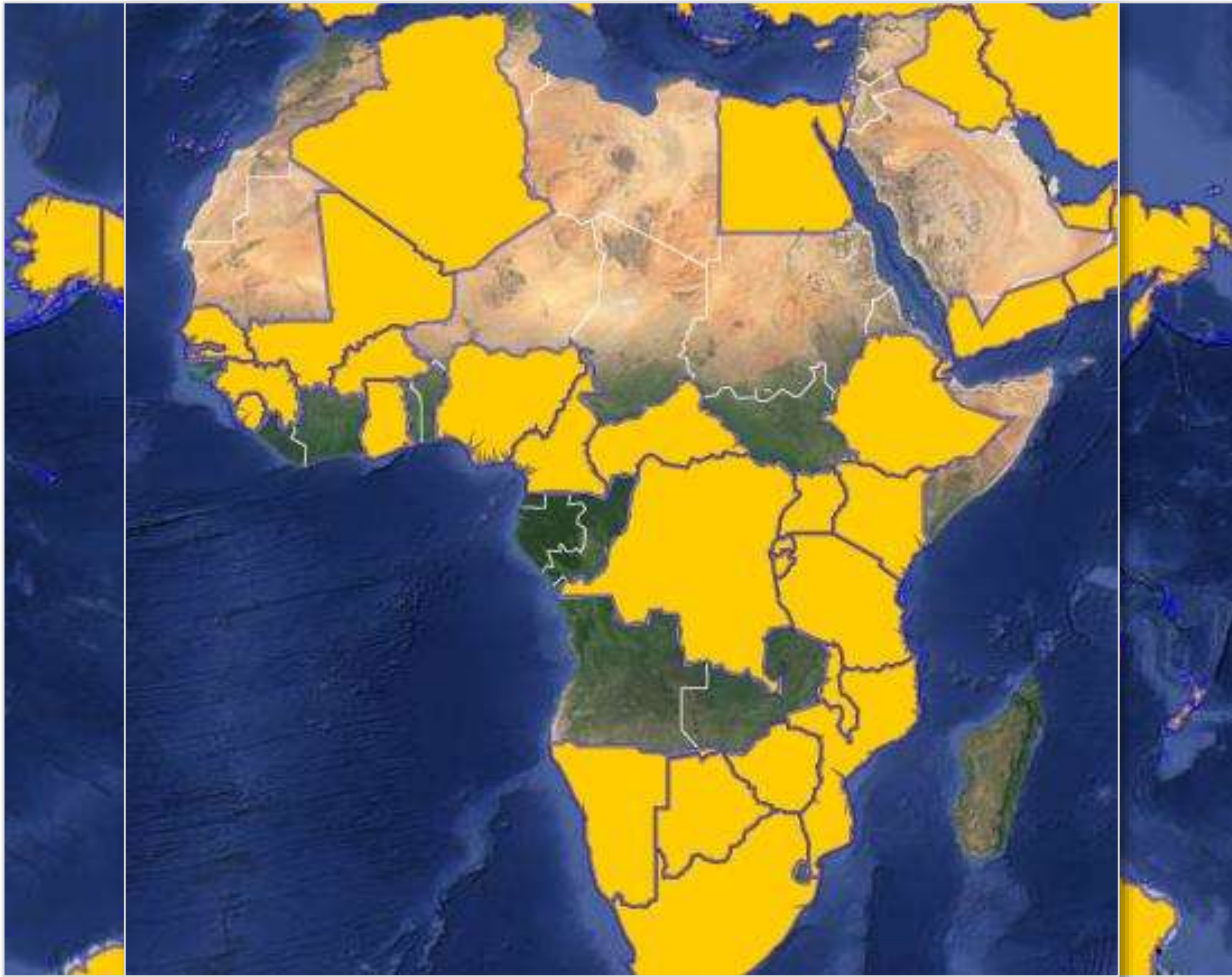
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OneGeology Consortium

In October 2013, OneGeology Consortium was formed with the following objectives:

- To be the provider of geoscience data globally
- To ensure an exchange of know-how and skills so all can participate
- Use of the global profile of OneGeology to increase awareness of the geosciences and their relevance in contemporary society

27 African Member countries



Current status

- January 2015: 138 Members from 119 countries
- 25 Members financially support OneGeology
- Formally supported by UNESCO, IUGS, ICSU and GEO
- Officially recognised as being **the** global model for open geo-data sharing

OneGeology consortium

- Welcomes the joint ambition of the geological surveys of Europe and Africa for geoscience information infrastructure and management through PanAfGeo project
- Offers to share the 8-year experience of the OneGeology members, incl. 27 African countries
- Proposes to synergise with PanAfGeo and open the “OneGeology African Chapter”