

# 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

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*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 a white border. Inside the box, the text "OneGeology makes it happen" is written in a bold, black, sans-serif font. Two large, light blue, double-headed arrows extend horizontally from the left and right sides of the box. The background of the slide features a large, faint, circular watermark 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)



Providing geoscience data globally

## **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)



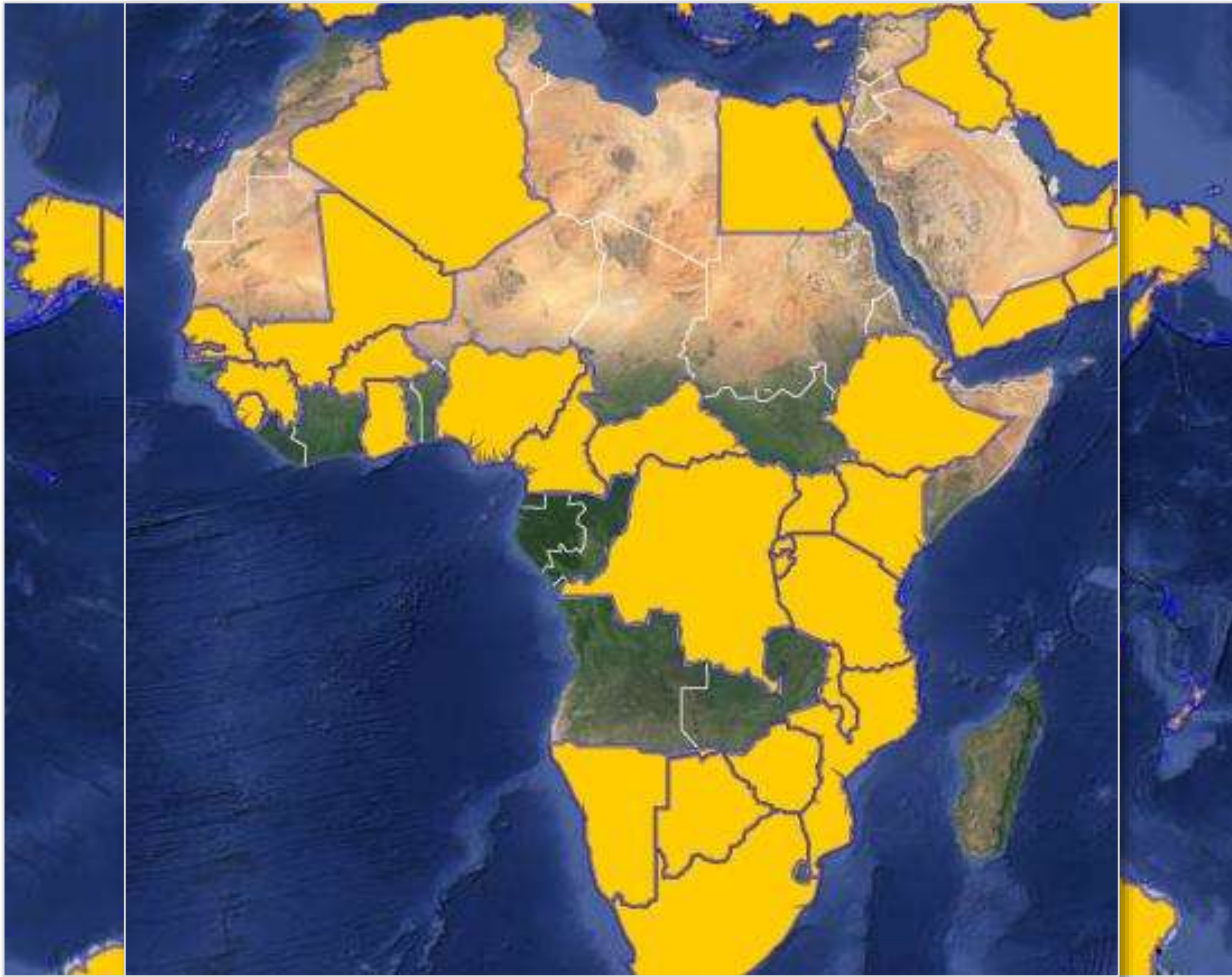
**Providing geoscience data globally**

## **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”