OneGeology
an operational infrastructure of geoscience data services

Cape Town, 8th February 2015
OAGS (Organisation of African Geological Surveys) – EGS (EuroGeoSurveys) Workshop

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BRGM, representing OneGeology
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.

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

OneGeology makes it happen.
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)
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

www.onegeology.org/ & portal.onegeology.org
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”