

Agenda item 3.

Operational & Technical progress report August 2009 – August 2010

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OneGeology is.....

- A project to make web-accessible the best available geological map data worldwide at a scale of ~1:1 million
- Initiated in 2006 and launched in 2007 as a contribution to IYPE
- Now being delivered by 116 geological surveys worldwide

progress against OneGeology objectives

- improve the accessibility of geological map
- exchange know-how & skills
- accelerate interoperability in the geosciences -
- use global profile to increase awareness of the project & relevance of the geosciences

138 orgs from 116 countries



Coordination



Funding

Voluntary geological survey staff and databut also supported by.....



~500 000 € to support coordination and data portal



€3.25 million for 20 nation OneGeology-Europe project started September 2008
(supporting the European SDI, INSPIRE)



\$700 000 for Geoscience Information Network for USGS & US State geological surveys, started August 2008

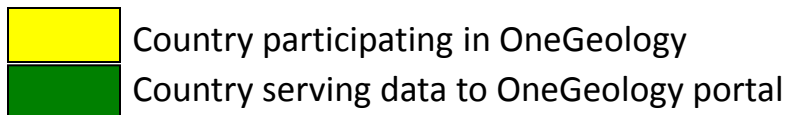
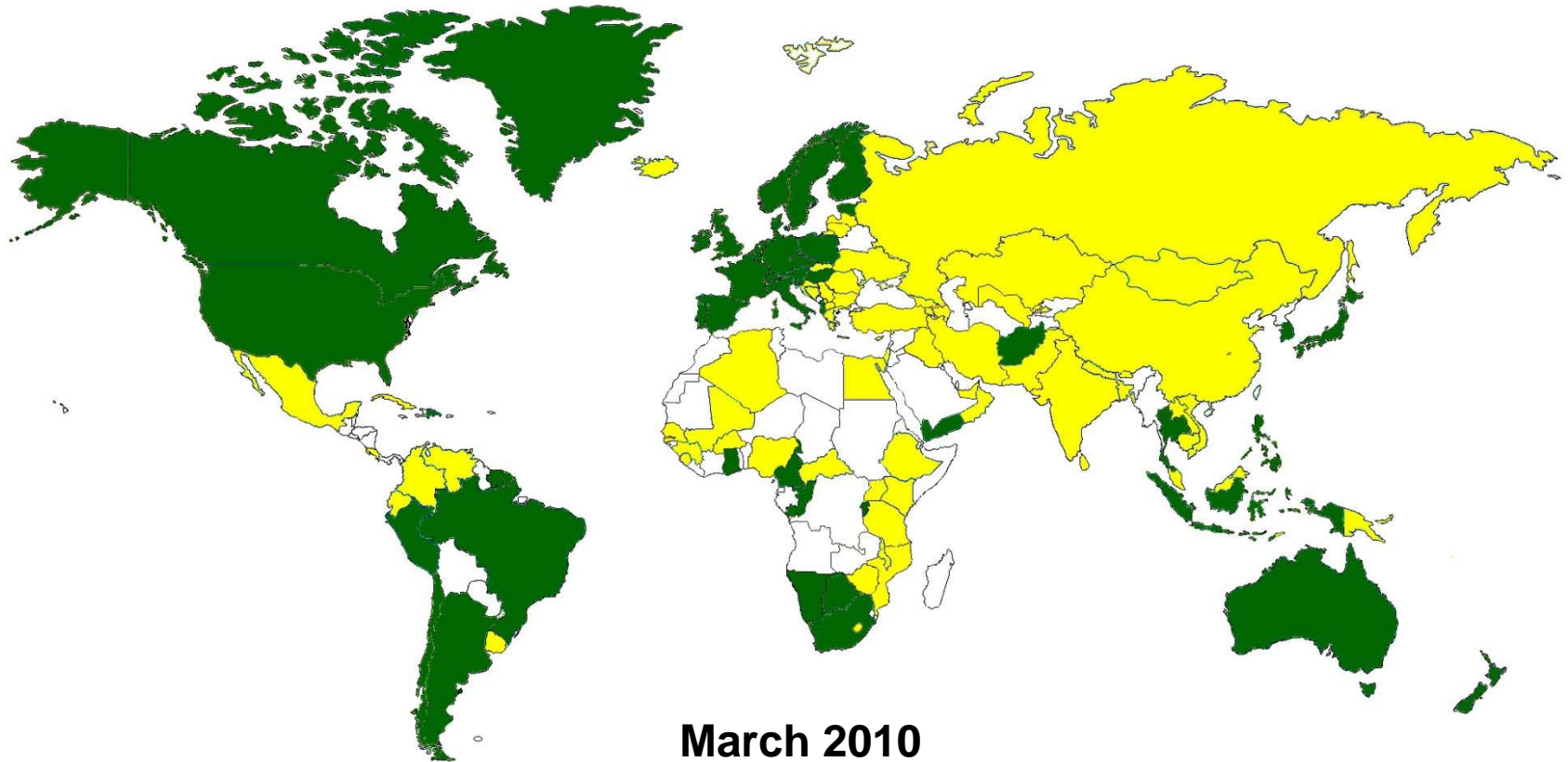
General progress

- Steering Group met in April 2010 in Wellington and held 2 teleconference meetings (Nov 2009 and June 2010)
- Operational Management Group last met in July 2009 in Buenos Aires
- Technical Working Group met in Quebec in September 2009
- Two significant tasks progressed (separate agenda items):
 - ESRI Grant Offer
 - Incorporation

Improve the accessibility of geological map data

- Participation – 102 nations in 4/2009 to 116 today
- Serving data – 49 nations serving 197 data layers
 - *Africa – 8*
 - *Asia – 7*
 - *Europe – 24*
 - *Central and Southern America – 6*
 - *Northern America – 2*
 - *Oceania - 2*

Progress



Exchange know-how & skills

- New updated versions of Cookbooks produced
- Open technical meetings and seminars held
- BGS/BRGM experts visited China G.S. to train and run workshops
- IGME/SEGEMAR/CPRM experts run workshop in Columbia (AECID support)
- Buddy system – used by 8 nations
- Website, email, and telephone support
- OneGeology-Europe knowledge and products available to all
- Invites to run workshop at CAG in 2011



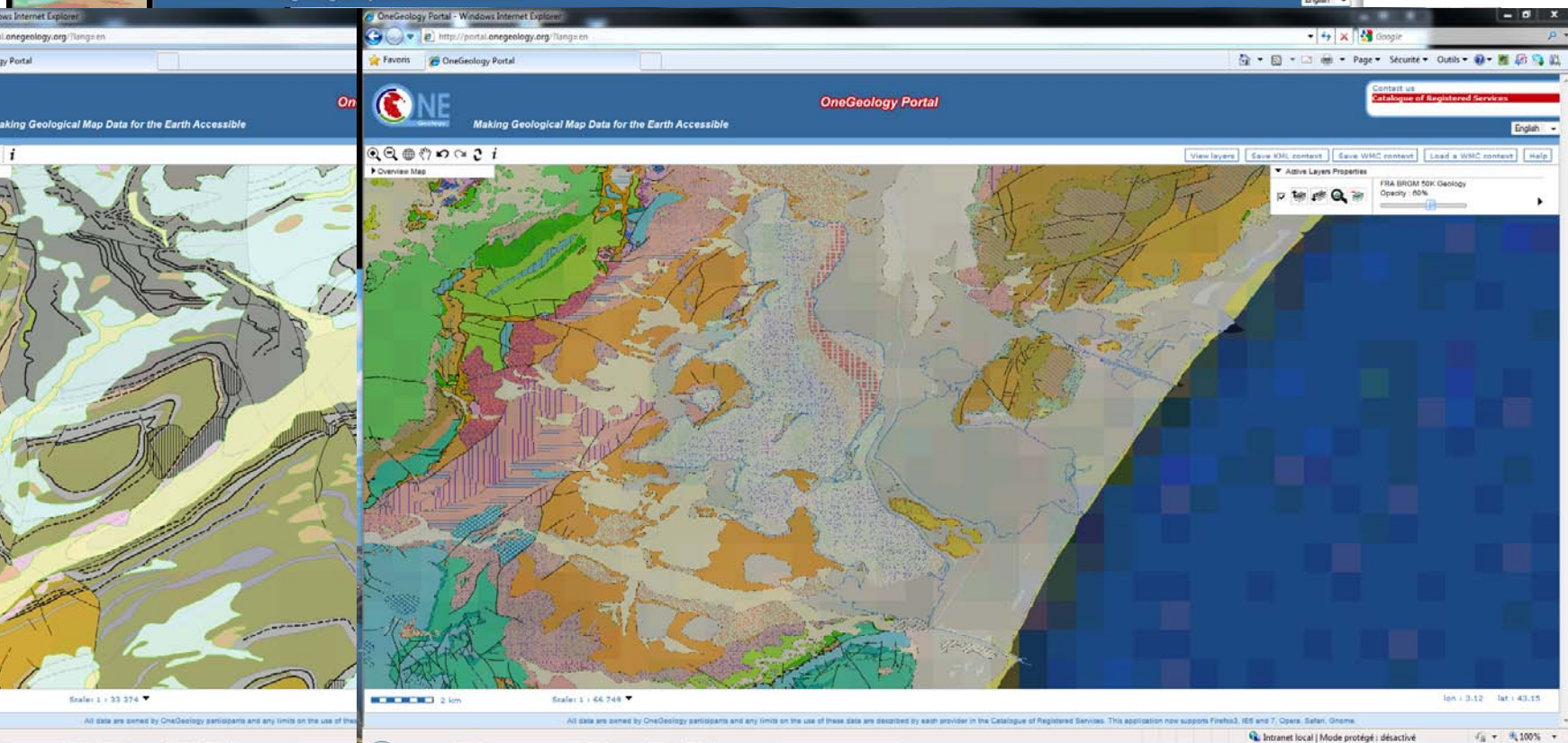
Accelerate interoperability in the geosciences (*technical report*)

- Portal visits – 60 000 in reporting period
- More surveys moving to WFS (7 rising to ~27 in 8/2010)
- OneGeology-Europe has accelerated and refined IUGS-CGI global rock semantic definitions essential for harmonisation (reference concepts / vocabularies available online)
- OneGeology is registered GEO/GEOSS service
- OneGeology presented as a reference showcase by OGC



Making geological map data for the Earth accessible

New contents





Making geological map data for the Earth accessible

GeoNetwork - The portal to spatial data and information - Windows Internet Explorer

http://onegeology-catalog.brgm.fr/geonetwork/srv/en/main.home

Home | Contact us | Links | About | Help |

GeoNetwork™
OpenSource
Geographic data sharing for everyone

中文 | English | Español | Français | Русский | Deutsch | Nederlands

Username Password Login

FIND INTERACTIVE MAPS, GIS DATASETS, SATELLITE IMAGERY AND RELATED APPLICATIONS

What? NZL

Where?

Aggregate Results matching search criteria : 1-1/1 (page 1/1), 0 selected

Select : all, none Actions on selection

NZL GNS 1:1M LITHOSTRATIGRAPHY

Abstract The 1:1,000,000 Geological Map of New Zealand was published in 1972 by the New Zealand Geological Survey, and digitally captured in the mid 1990s with minor topographic and editorial corrections. The ...

Keywords GNS, lithostratigraphy, Zealand, New, WMS, OneGeology, geographicarea@New Zealand, continent@Oceania, subcontinent@Australia and New Zealand, styletitle@OneGeology, legendurl@http://maps.gns.cri.nz:80/geoserver/wms?request=GetLegendGraphic&format=image%2Fpng&width=20&height=20&layer=NZL_GNS_1M_Lithostratigraphy, dataowner@GNS, serviceprovider@GNS

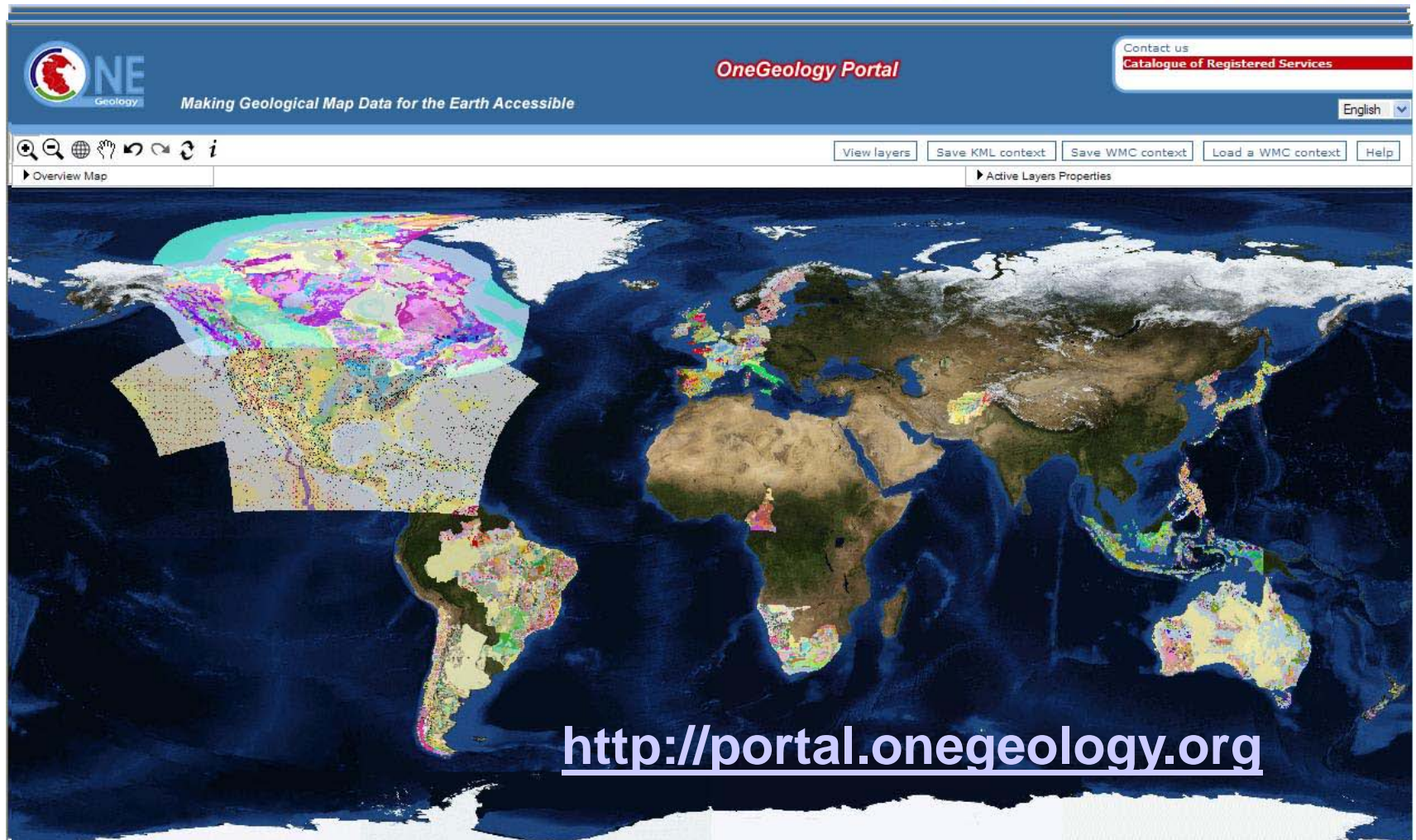
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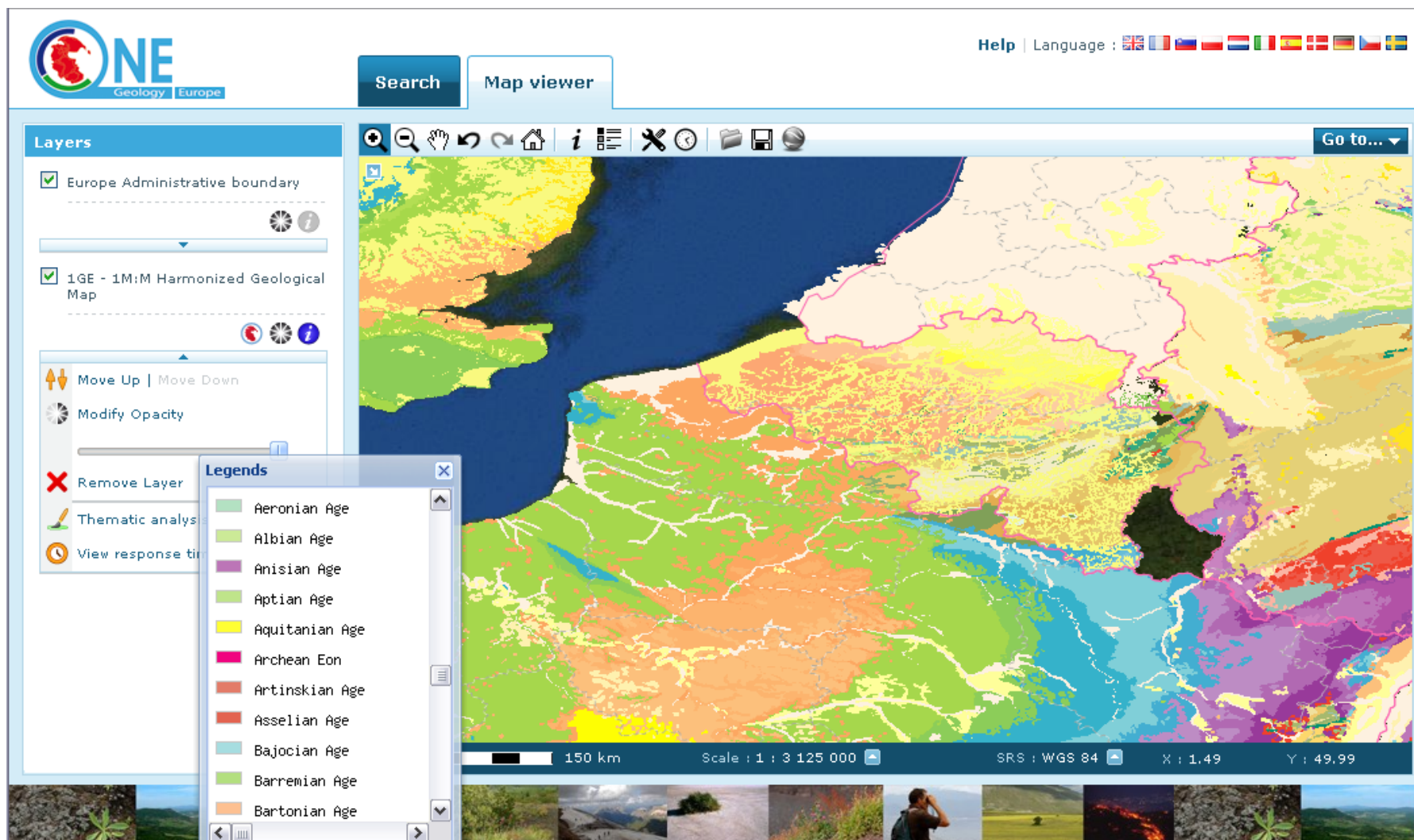
Reset Advanced Options

CATEGORIES
• Datasets

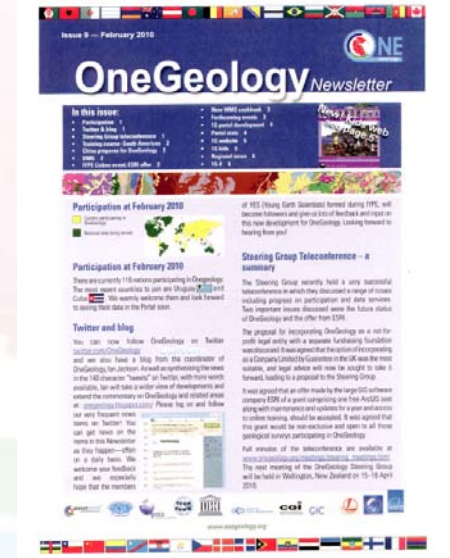
New OGC compliant catalogue (and access through CSW standard interface <http://onegeology-catalog.brgm.fr/geonetwork/srv/en/main.home>)



Data served by geological surveys across the world



- Website updated at least weekly
- 3 editions of Newsletter produced and distributed to 2000+ people (next due after this Steering Group meeting)
- Over 25 presentations given
- Many abstracts and articles published
- Twitter and Blog sites active
- OneGeology4Kids website released
- Prominent role in GEO/GEOSS



Use global profile to increase awareness of the project & relevance of the geosciences

- Strong link with CGMW (attended Bureau and general meetings)
- Links with GeoParks – mutual areas for cooperation proposed



Global profile continued

- Links with Young Earth Scientists (YES) – Roundtable on OneGeology at EUG in Vienna
- OneGeology identified as best practice by ICSU Strategic Coordinating Committee on Data and Information (SCCIS)



Thank you....

to all the geoscientists, information experts,
managers, communications people around
the world, without whom OneGeology would
still be an idea



www.onegeology.org