First Technical Workshop “OneGeology”

Date: May 30 2007 at13.00 hrs till May 31, 16.00 hrs Meeting Room 1
Location: TNO, Princetonlaan 6 3508 TA Utrecht, The Netherlands. Route

Objectives:

- To initiate the OneGeology concept as expressed in the Brighton accord.
- To initiate a prototype OneGeology portal/web site as soon as possible (to be completed before 31 December 2007)
- To develop an action plan and allocate the tasks for all involved partners, to meet the above objectives.

Considerations

- The recommendations of the Informatics Breakout Group in Brighton should be the foundation for these technical discussions, because that is what the community agreed to. So the draft agenda should indicate that these recommendations are the guiding principles for the meeting.
- The prototype portal/web site:
- Must demonstrate the broad extent/realisation of the OneGeology concept including that web map services (images – from paper maps or vector or raster data))and vector data as XML (GeoSciML) will be available for viewing and using.
- Must be based upon open standards
- Can be unilingual (English) in this first instance
- Show data from as many continents a possible.
- A key purpose of the first technical workshop is to share the prototype tasks amongst the participants. The BGS is prepared to volunteer to host the prototype web site, if nobody else wants to do this task
- The URL of the prototype and all associated documentation will be circulated to all OneGeology participants for comment.
- Quick deployment takes priority over depth-of-data, uniformity, and sophistication - the purpose of the exercise is to provide a tangible "strawman" to test the concept and allow us to move forward practically through "build-review-revise"
- GeoSciML is a potential supporting technology for OneGeology but the two initiatives are distinct.
- Cataloguing available geological maps/coverages is not a priority at this stage.
- OneGeology participants are expected to contribute resources for this prototype development project
- This is a technical workshop and ideally those who attend should be able to make a substantive contribution to the technical development of the prototype portal.

Topics that are out of scope for this meeting
(these will be considered in depth at a separate and subsequent managerial/logistical meeting)

- Intellectual property rights
- Financial assistance to developing nations
- OneGeology governance
- Geopolitics.
- Communication
- Overall project resources and funding
- Website, other than the map portal

Goals

- Who can contribute data, expertise, resources, etc?
- When can the prototype be put online and what are the milestones along the way?
- What existing online data sources can be leveraged for OneGeology use?
- What resources will be required for these specific tasks?

During the meeting additional PC’s are available in a separate room for demonstration and training and for communication with Internet.

Program Technical Workshop

May 30

(Possibility for lunch 12.00 -13.00 hours)

13.00 hours

Opening by Martin Peersmann

13.15 hours

Scope of this workshop by Ian Jackson

13.45 – 14.30 hours

Overview of Technical Requirements by Tim Duffy

Prototype portal outline description.
The OGC WMS and WFS Standards capabilities.
Software: for the portal; for web services being served to the portal
And for the registry.
Hardware - What level of public use must the portal be capable of handling?
Manuals (Cookbooks) for web services participant support to include:
Level 1 1G Conformance:
1). Creating a WMS when starting with a scanned paper map
2). Creating a WMS when starting with digital vector or raster data
Level 2 1G conformance:
3). Creating a WFS when starting with digital vector data
(including converting local data to GeoSciML)
Manuals (and portal) to include conformance criteria such as:
The OneGeology approach to the OGC web services; the projections to use;
The data to try and serve and the target scale; how to register an offered web service
With the OneGeology initiative;
The approach to legends and languages;
The approach to clearly linking the available services back to their source organizations (and hence more detailed [possibly licenced] data– the OneGeology "gateway to geology for society")
Organisation, required manpower to achieve the portal and services to the portal.

14.30 – 15.00

Working Pause with coffee

(to fill in lists with named maps, involved experts, existing systems, resources)

15.00 -15.15

Live presentation by BRGM/GSC
Present result of GeoSciML Testbed UK, CA, AU, FR

15.20-16.00

Inventory of offered resources
Main questions and decisions

16.00- 17.30

Presentation of partners by Jan Jellema
Opportunity for partners to show their present experience in digital mapping.
Maximum 10 minutes and 5 Powerpoint slides for each partner.
(Internet and Beamer available)
There is also opportunity in the hall in front our meeting room to present paper maps and posters.

19.0 Diner restaurant "Ouddaan", Oude Gracht, Utrecht

May 31

9.00 – 10.00 hours
Central Catalog Registry and configuration by BRGM

10.00 - 10.20 hours
Pause

10.20 – 11.00 hours
Manuals and Partner support by BGS

11.00 hours
Partner actions, Resources, project organisation and schedules by North America

12.00 hours
Conclusions Martin Peersmann.

12.00-13.30
Lunch

13.30 – 14.00
Remaining questions and small committee meetings
(Possibility to visit the Botanical Gardens next to TNO-building**)**

14.00 - 16.00
Demonstration of Conversion and Data-entry
- The conversion of a scanned paper map to a Google Earth presentation
- The installation of a WMS-presentation

16.00
Departure

During the meeting PC's and Internet are available in a separate area for training and demonstration.