

# Onegeology Board Meeting #4

Canberra, Australia 2015

19<sup>th</sup> – 21<sup>nd</sup> January 2015

(Day 2 & 3: Board Meeting)

**DATE:** 19-21 January 2015

**VENUE:** [Geoscience Australia](#)  
Cnr Jerrabomberra Ave and Hindmarsh Drive  
Symonston  
ACT 2609

## ATTENDEES

Marko Komac – Managing Director OneGeology  
Chris Pigram - Board Chair – CEO, Geoscience Australia  
Dr Eikichi TSUKUDA - Director General, Geological Survey of Japan  
Andrzej Przybycin - Director of the Polish Geological Survey  
Dr Lee Allison - State Geologist and Director, Arizona Geological Survey  
Matt Harrison – Director of Informatics, British Geological Survey  
Francois Robida - Deputy Head of Division, Information Systems and Technologies Division, BRGM  
Tim Duffy – OneGeology Project Manager, British Geological Survey  
Dr Mosidi Makgae - Scientific Research and Programmes Manager, Council for GeoScience  
Oliver Raymond – Senior Information Geologist, Geoscience Australia

## APOLOGIES

Dr Maria Glícia da Nóbrega Coutinho – Head International Affairs Office, CPRM – GS Brazil  
Dr Oleg Petrov - Director General of VSEGEI, Russian Federation

## Minutes and Actions

### 1. Welcome and introductions Board Chair – Dr Chris Pigram

Dr Pigram opened the meeting and welcomed Members to Day 2 of the OneGeology Board Meeting #4.

### 2. Summary and agreement of Actions and minutes of last Board meeting 06/10/14

Matt Harrison accepted the minutes of the 6/10/2014 Board Meeting, Francois Robida seconded these. Board Members agreed the minutes of the 6/10/2014 OneGeology Board Meeting.

#### Outstanding Action Items

The Chair took Members through the outstanding action items. Updates were provided by Members on all outstanding actions and are detailed in the Outstanding Action Items table shown at the end of these minutes.

**OneGeology update; current status on membership by regions (Board Members to briefly present status)**

In the absence of Dr Maria Glicia, Tim Duffy provided the following updates:

South American Conference, of 13 countries, 10 attended this very well run and organised conference. CPRM will make the report from this Conference available on the Web (published 30/1/15 at <http://www.cprm.gov.br/publique/cgi/cgilua.exe/sys/start.htm?sid=90&infoid=3458>) which will allow for follow-up and monitoring of all action items that were agreed at this conference.

In the absence of Dr Oleg Petrov, Tim Duffy noted that he had received a letter with Dr Petrov's apologies, and passed on the following information:

Hoping to have the 1:2 000 000 map up by the time of the Cape Town Conference

Ukraine have joined OneGeology and their service has gone up. Tim Duffy noted that he had received a final email from Ukraine confirming this. A discussion around what emails should be retained/filed upon a country confirming their joining OneGeology

Follow-up on the "serving data to portal" spreadsheet required in the Eurasia region:  
Armenia ARM, Azerbaijan AZE, Georgia GEO, Kazakhstan KAZ, Uzbekistan UZB

**Action 4.4:** Tim Duffy to define and implement an email retention policy.

**Action 4.5:** Marko Komac to write to Oleg requesting he write to directors following up on the "serving data to portal" spreadsheet

**European Update – Andrzej Przybycin**

Currently using google maps to show services, but propose to use OneGeology portal to present information about participation.

European Countries – 40, current principal members – 11, WMS – 28, WFS – 20

Proposed strategy for Europe

Make OneGeology more alive and attractive, organise meeting of all European Geological Surveys, detailed geological and thematic maps – international projects, strong collaboration with EGS, refresh web information about European activity, attract sponsors and acquire EU funds.

It was noted that there is an obligation for European regions to deliver INSPIRE compliant information to be compatible within OneGeology and must be moved into OneGeology portal within 18 months. It was also noted that OneGeology view and European ambitions are both well aligned.

Follow-up on the "serving data to portal" spreadsheet required in Europe region:  
Bulgaria BGR, Croatia HRV (Marko Komac is to do follow-up work in relation to Croatia), Cyprus CYP, Greece, Kosovo, Latvia LVA, Lithuania LTH, Macedonia MKD, Turkey TUR

**Action 4.6:** Andrzej Przybycin to follow-up with Directors of the above countries (except Croatia)

**Action 4.7:** Marko Komac to follow-up with Director of Croatia

### **Asia Update – Dr Eikichi TSUKUDA**

Provided an overview of a new proposal which will run for 5 years which is to develop a new geoinformation integration and sharing system using international standards and free and open source software among CCOP countries.

An example of My Portal was presented. Geoportal will include:

OneGeology Asia, Groundwater, Carbon Dioxide storage, satellite images, drop down box to postGIS, geological hazard map, geophysics, seamless geological map, other maps, WebGIS Portal.

Francois Robida noted that common terms and definitions need to be agreed eg groundwater, hazard maps. CCOP will work with OneGeology to ensure consistency in the development and use of data.

Follow-up on the “serving data to portal” spreadsheet required in Asia region:

Bangladesh BGD, Bhutan BTN, Cambodia KHM, Iraq IRQ, Israel ISR, Mongolia MNG, Oman OMN, Pakistan PAK, Singapore SGP (1G Admin to contact) Sri Lanka LKA, Timor-Leste TMP

**Action 4.8:** Dr Eikichi TSUKUDA to follow-up with Directors of the above countries (except Singapore)

**Action 4.9:** Current organisation listed for Singapore contact is incorrect. 1G Admin to follow up on who the correct contact organisation should be

**Action 4.10:** Dr Eikichi TSUKUDA and Marko Komac to discuss approaching China re principal membership

### **North America Update – Dr Lee Allison**

*Canadian Geological Survey of Canada – Donna Kirkwood Director*

Payment of fees has been authorised, but there is a dispute at the moment how the fees are to be paid – resolution expected by March 2015.

Would like to become more involved with OneGeology and are offering additional resources. Lee Allison will write to Donna Kirkwood to acknowledge, thank and accept her offer of additional resources, Ollie Raymond to be involved in drafting letter.

*USGS – Suzette Kimball Director*

Local approval received to join OneGeology, waiting on budget which was approved by Congress in December 2014.

*Mexico*

Indicated no barriers to joining OneGeology. Director General could make this happen, but to date no response/action received from Mexico

Association of American State Geologists (AASG) – Arizona will pay fees on behalf of AASG

Follow-up on the “serving data to portal” spreadsheet required in North America region:  
Nil spreadsheet follow-up

**Action 4.11:** Lee Allison to draft email to Donna Kirkwood and request Ollie Raymond to review

**Action 4.12:** Lee Allison to follow up with Canadian provinces re Principal Membership

**Action 4.13:** Lee Allison to follow up with Mexico re joining OneGeology

### **Africa – Dr Mosidi Makgae**

Commencing work on preparing a 1 day meeting of OneGeology at the IGC in 2016 which will be hosted in Cape Town. OneGeology administration will help with the organisation of this in 2016.

Follow-up on the “serving data to portal” spreadsheet required in Africa region:

Algeria DZA, Central African Republic CAF, Egypt, Lesotho LSO, Malawi MWI, Nigeria NGA, Senegal SEN (1G admin to follow up), Sierra Leone SLE, Zimbabwe ZWE, Zambia, Uganda, Mozambique, Morocco, Madagascar

**Action 4.14:** Dr Makgae to follow up with Directors of the above countries (except Senegal)

**Action 4.15:** 1G Admin to follow-up again with Senegal. Marko Komac to prepare email and ask Francois Robida to translate into French and have Virginia send

### **Oceania – Dr Chris Pigram**

Will follow-up with SOPAC (organisation hosted in Fiji), who will also have information Vanuatu and Solomon Islands

Follow-up on the “serving data to portal” spreadsheet required in Oceania region:

Papua New Guinea (PNG), Vanuatu VUT. Dr Pigram noted that PNG was working within CCOP and that Dr Eikichi TSUKUDA and GSJ was working with PNG.

**Action 4.16:** Chris Pigram to follow-up with Directors of the above countries and SOPAC

Chair thanked all Members for their presentations and updates. All Members were asked to go through the “serving data to portal” spreadsheet and confirm correct contacts and details and advise Marko Komac of any updated/amended contacts. It was also noted that there are missing countries on this spreadsheet and Marko Komac was requested to locate the missing countries.

**Action 4.17:** All Members to provide any updated contacts to Marko Komac on the “serving data to portal” spreadsheet

**Action 4.18:** Marko Komac to locate missing countries from spreadsheet

## **3. Required updates and changes in the Consortium Agreement for 2015 and other official OneGeology Documents**

### *Consortium Agreement*

The Board discussed and agreed to several changes in the Consortium Agreement:

**page 5**, 1<sup>st</sup> paragraph, line 4 – agreed to delete the words “an annual” and replace with “a”

**page 5**, 1<sup>st</sup> paragraph, last sentence –delete this sentence, due to new working in article 8, this is now obsolete.

**page 6**, lines 2 and 3, agreed to delete “an exclusive annual technical and strategic review of emerging technologies and deployments in the” and replace with “the Technical Implementation Group meetings of”

**page 6**, paragraph 3 under Governance – agreed with this insertion, however delete last sentence “The means of reporting is left to each Board member, although it is recommended that this is done in person.

**page 8**, paragraph 1 under Term and Termination – agreed with suggested insertion

**page 11**, Annex 1 – table containing fees needs to be referred to Chris Luton (BGS Lawyer) to check that the suggested table has the flexibility to change the annual fee and notice required if raising fees.

#### *Guidelines for Board membership terms*

The Board agreed Option 3, with Co-Chair to be amended to Deputy Chair. The Deputy Chair will rotate and become the Chair at an agreed time. This document is to be appended to the Terms of Reference in the Consortium Agreement.

The Board agreed that the current chair would chair the 2016 Board Meeting in Cape Town with South American region to Deputy Chair (subject to their agreement)

**Action 4.19:** current Chair, Chris Pigram, Oceania, to write to Dr Maria-Glicia, South American regional representative and ask if they would be willing to be Deputy Chair and outline the implications

#### **4. OneGeology Work Report (July 2014 – December 2014) and Programme for 2015**

The Board went through the July – December 2014 work report and noted the following: Databases have been updated; produced 1 newsletter (major) in November 2014 – still time available to produce a quarterly newsletter which all Members will be asked to provide input; not enough time to respond to a number of different items (eg kids pages – current funding also prevents this).

The Board discussed a Programme for 2015

Francois Robida provided a presentation addressing inputs for future developments towards the open access publishing portal (tool to handle paper and maps coming from different sources) and provide a search engine. New technical components to be integrated to:

- manage security and authentications
- upload and manage documents
- generate WMS from GIS file
- search engine.

A diagram showing the current structure and targeted structure were shown to members.

Possible re-use of BRGM developments:

- Carmen
- BRGM “open data” platform
- LDAP internal developments

Cost Estimate

- extension of the platform and portal 90K€

Not estimated

- back office: support and moderation
- integration of EPISODES

Additional Funding?

- to be based on prioritisation

Adding outstanding and standard Items to the above proposals :

- 1) register new WMS + WFS (a few in 2015) + WCS
- 2) finish WCS implementation
- 3) finish new catalogue implementation

- 4) finish BRGM geo server implementation
- 5) implement key web searches for domains implementation (dependent on new version of catalogue)
- 6) document storing in catalogue
- 7) more automatic WMS services set-up/WMS associated with the documents + for universities etc. Needs central 1GG cloud server
- 8) full 3D Model – CGI standard work to start soon
- 9) OGC data mode integration eg GroundwaterML between USG, CCOP, INSPIRE AGG

#### **5a Budgetary issues, BGS & BRGM finances**

Items 1-5 above – Board to approve these activities costing the budget with Tim Duffy as outlined with continued support from BRGM and BGS in line with Item 4 (5a paper – summary 15-16).

A program is to be mapped out to do items 1-9 above.

**Action 4.20:** Marko Komac, Tim Duffy and Francois Robida are to develop a budget profile that accurately reflects costs known income stream and projected sources of future revenue to meet the expenses.

#### **5. Paris OneGeology Business Plan Meeting and Workshop outcomes**

Please refer to notes from Day 1 Workshop

#### **6. Outreach**

Due to discussion at Item 5, the Board agreed this was not the time for ambitious communication programs, so keep this minimal.

Question was asked should we include targeting specific industry stakeholders eg grants, foundations? It was agreed that this would be more appropriate as a targeted component of the workplan, at this point in time, this plan should be kept simple

Alignment of technical workplan as communications option – acknowledge this should happen, but given funding issues, it is more about priorities rather than functions.

Out Reach Plan is to be refocused on essential and high priority issues only until budget issues are resolved.

**Action 4.21:** Lee Allison to advise whether he can provide any support through an intern via the Out Reach program

**Action 4.22:** Marko Komac to refocus Out Reach Plan based on essential and high priority issues only

#### **7. Legal Issues**

The Board discussed this document and agreed to refer it back to Chris Luton (BGS Lawyer) to review the statement of OneGeology material and to review IPR advice to the data providers

**Action 4.23:** Tim Duffy to refer this document back to Chris Luton to a) review the statement on OneGeology material and b) review IPR advice to the data provider.

## 8. Paris OneGeology Business Plan Meeting and Workshop

Please refer to notes from Day 1 Workshop

## 9. Cooperation/collaboration with other initiatives

Please refer to notes from Day 1 Workshop.

## 10. Strategies for membership enlargement

Please refer to notes from Day 1 Workshop.

## 11. Wrap-up and review of all actions

The Chair provided a brief summary of Key Outcomes from this meeting for all Board Members to distribute throughout their regions.

## 12. Date and location of next meeting

The next Board Meeting will be held in January 2016 in Rio. Marko Komac is to work with Maria Glicia on this.

The Board agreed a tentative date/time for the next teleconference – 30 March, 3:00pm UK time

## 13. Any other business

The Chair asked members if there was any other business they would like to raise.

Science User Group (SUG) – current status of the SUG and its effectiveness was discussed. The Board agreed it has a useful purpose, but currently not able to source it in the way we would like. The Board agreed it would become a Working Group to be convened if and when required.

The Chair thanked all Members for their attendance over the last 3 days and for their full and frank discussions. The meeting was closed at 12:05pm.

## 14. ACTION LIST

Outstanding Actions from Board meeting #1 in Arizona: 22-24/01/2014					
ITEM	ACTION	LEAD	DEADLINE	STATUS	UPDATE REPORT
1.7	Matt Harrison digital object identifiers by next Board meeting	Matt Harrison	ASAP	OPEN	Jan 2015 update: Matt Harrison to distribute BGS DOIs.
1.19	Marko Komac to prepare the Operational Plan for outreach activities a) based on the funds available and b) possibilities if funds weren't an issue (with a support of the Admin team) for the next Board meeting	Marko Komac		ONGOING	Jan 2015 update: addressed at Agenda Item 7
1.20	Chris Pigram will make a web of all the connections of all future data management	Chris Pigram	Jan 2015	OPEN	Jan 2015 update: document circulated at meeting and will be addressed at Agenda Item 10.

	components. Will ask Leslie to make a spider diagram of all the components until the next Board meeting				
1.21	Lee Allison Get 1G map as web service in IRENA (report at the next Board meeting)	Lee Allison	Jan 2015	OPEN	Jan 2015 update: no progress. Still waiting on response from IRENA.
1.24	Marko Komac examines potential grant opportunities	Marko Komac	Jan 2015	ONGOING	<p>Jan 2015 update: Marko Komac to work with Lee Allison to get some of the opportunities emerging in the US and the World Bank.</p> <p>(Lee Allison is developing a concept paper to share with organisations in US, will work with Marko Komac to flesh out. Moving forward in the very near term. Has put together a spreadsheet of some of the foundations funding this type of work)</p>
1.26	Marko Kormac to send out reminder to ask 1G Members to send in their contacts and established links with the industry	Marko Komac	Jan 2015	ONGOING	<p>Jan 2015 update: really poor response from Principal Members. Board Members to again discuss this issue within their regions. Chris Pigram will be addressing AMIRA in March 2015 and will be speaking with more than Australian region members, so it is important that all Members follow up with their region on Chris Pigram's presentation at AMIRA.</p>
<b>Outstanding Actions from 14/04/14 Board Teleconference #2 14/05/14</b>					



2.1	Board to discuss offline a mechanism to uniform 1G portal data in relation to IPR and report to next meeting.	ALL	CLOSED update given to the meeting		Jan 2015 update: addressed at Agenda Item 5
2.3	All board members to ensure that their survey has actually paid fees to 1G for 2013-14 and 2014-15.	ALL	CLOSED		Jan 2015 update: Board noted there were some problems with some surveys, but all have paid.
2.4	Admin will begin to chase all other surveys that are not members of the board but whose fees are still outstanding.	ADMIN	CLOSED		Jan 2015 update: 1G Admin to invoice Spain ASAP. Finland and Schlumberger have paid fees. Spain has reserved funds and are likely to pay double fees (2015 and 2016).
2.6	Lee Allison will follow up possible membership with Mexico	Lee Allison	Jan 2015	ONGOING	Jan 2015 update: Lee Allison advised that the Director General of Mexico has full authority to pay membership fees. A reminder was sent last week, to date no response has been received. Lee Allison will continue to follow up.
2.8	Marko Komac/Admin to draft a sponsorship package to be sent out to Industry and share with the board before the next meeting.	Marko Komac	Next Board Meeting	ONGOING	Jan 2015 update: This has been put on hold until Chris Pigram's Presentation at AMIRA (March 2015). Sponsorship document has been re-drafted and worked on. Prepared.
2.9	Marko Komac to speak to Luca Demicheli about Malta sharing data on the portal.	Marko Komac	31/05/14	ONGOING	Jan 2015 update: waiting on confirmation from ESRI that they will be providing another grant which will be used towards assisting Malta becoming involved in 1G. Marko Komac will follow up with ESRI re confirmation of grant.

2.11	Lee Allison will lead on the contact with the Development bank and will introduce them to Maria Glicia	Lee Allison	31/05/14		Jan 2015 update: Lee Allison advised that introductions have been made and Maria Glicia was to speak with the Development bank. This has not happened, Lee Allison to follow-up with MG
2.13	Over the next 3 months Admin will follow up on the 50 members who are not presently showing data.	Admin	Next Board Meeting		Jan 2015 update: this was addressed at Agenda Item 3
2.14	Admin will prepare and distribute a newsletter to outline the new features of the 1G portal	Admin	30/05/14		Jan 2015 update: Newsletter produced October 14 (Issue 14). Tim Duffy to update the "News" web-page on the 1G site.
<b>Outstanding Actions from Board Teleconference #3 06/10/14</b>					
3.1	Recommend the OneGeology Intellectual Property Rights (IPR) and Data Use Policy document to the Belmont Forum, for use with IPR.	Lee Allison		OPEN	Jan 2015 update: dealt with at Agenda Item 8
3.3	Task group to meet in Europe and prepare draft business model for January board meeting	Marko Komac	Jan 2015 Board meeting	CLOSED	Jan 2015 update: Draft business model prepared at Paris meeting and presented and discussed at Workshop in Canberra, Australia, January 2015.
3.4	Circulate the questionnaire around the board so they can share with their uses if they require.	Andrzej Przybycin/Marko Komac	31/10/14	OPEN	Jan 2015 update: this is currently on hold
<b>NEW Actions from OneGeology Board Meeting #4 and Workshop: 19 – 21/01/2015</b>					
4.1	Rise in Principal Membership fees from 5K€ to 10 K€	Chris Pigram/Marko Komac		NEW	Chair (Chris Pigram) with Managing Director (Marko Komac) of 1G are to develop a different model for the fee structure that captures both a membership fee and a service fee (eg 5K€ to 7K€ to cover membership fee + 3K€ to cover service fee).

					When this model has been developed it will be circulated to Board Members and after agreement Chris will write to Principal members.
4.2	Other potential sources of funding	Lee Allison/Marko Komac /Matt Harrison		NEW	Lee Allison and Marko Komac to identify potential short term and some longer term opportunities (Earthcube NSF and others). Marko Komac to speak with Lee Allison's business development contact re getting into foundations Matt Harrison to attend meeting in London with consultant who has offered a free ½ day brainstorming session re Philanthropic fundraising (n commitment for either side)
4.3	Identify opportunities and develop Project Plans	Matt Harrison/Francois Robida		NEW	Matt Harrison and Francois Robida to develop a project proposal that will facilitate the accelerated development of the 1G capability to circulate to Principal Members to seek their involvement in Collaborative Projects.
4.4	Email retention policy	Tim Duffy		NEW	Tim Duffy was asked to define and implement an email retention policy
4.5	"serving data to portal" updates – Eurasia	Marko Komac		NEW	Marko Komac to write to Oleg Petrov requesting he write to directors following up on the "serving data to portal" spreadsheet
4.6	"serving data to portal" updates – Europe	Andrzej Przybycin		NEW	Andrzej Andrzej Przybycin to follow-up with Directors in Europe Region (except Croatia)

4.7	“serving data to portal” updates – Europe	Marko Komac		NEW	Marko Komac to follow-up with Director of Croatia
4.8	“serving data to portal” updates – Asia	Eikichi TSUKUDA		NEW	Eikichi TSUKUDA to follow-up with Directors in Asia Region (except Singapore)
4.9	“serving data to portal” updates – Singapore contact	1G Admin		NEW	Current organisation listed for Singapore contact is incorrect. 1G Admin to follow up on who the correct contact organisation should be
4.10	Principal Membership – China	Eikichi TSUKUDA/Marko Komac		NEW	Eikichi TSUKUDA and Marko Komac to discuss approaching China re principal membership
4.11	Offer of additional resources from GSC	Lee Allison (with input from Ollie Raymond)		NEW	Lee Allison to draft email to Donna Kirkwood re offer of additional resources from GSC and request Ollie Raymond to review
4.12	Principal Membership – Canadian provinces	Lee Allison		NEW	Lee Allison to follow up with Canadian provinces re Principal Membership
4.13	Mexico joining 1G	Lee Allison		NEW	Lee Allison to follow up with Mexico re joining OneGeology
4.14	“serving data to portal” updates – Africa Region	Mosidi Makgae		NEW	Mosidi Makgae to follow up with Directors of Africa Region (except Senegal)
4.15	Senegal follow-up	1G Admin		NEW	1G Admin to follow-up again with Senegal. Marko Komac to prepare email and ask Francois to translate into French and have Virginia send
4.16	“serving data to portal” updates – Oceania Region	Chris Pigram		NEW	Chris Pigram to follow-up with Directors of Oceania Region and SOPAC
4.17	Updates to contacts in the “serving data to portal” spreadsheet	ALL		NEW	All Members to provide any updated contacts to Marko Komac on the “serving

					data to portal” spreadsheet
4.18	Missing countries on the “serving data to portal” spreadsheet	Marko Komac		NEW	Marko Komac to locate missing countries from spreadsheet
4.19	Board Membership Terms	Chris Pigram		NEW	current Chair, Chris Pigram, Oceania, to write to Maria Glicia, South American regional representative and ask if they would be willing to be Deputy Chair and outline the implications
4.20	Budgetary issues	Marko Komac/Tim Duffy/ Francois Robida		NEW	Marko Komac, Tim Duffy and Francois Robida are to develop a budget profile that accurately reflects costs known income stream and projected sources of future revenue to meet the expenses.
4.21	Outreach	Lee Allison		NEW	Lee Allison to advise whether he can provide any support through an intern via the Out Reach program
4.22	Outreach	Marko Komac		NEW	Marko Komac to refocus Out Reach Plan based on essential and high priority issues only
4.23	Legal Issues	Tim Duffy		NEW	Tim Duffy to refer this document back to Chris Luton to a) review the statement of OneGeology material and b) review IPR advice to the data provider.