



NOTES AND ACTIONS
OneGeology Board Meeting 22-24th January 2014 hosted by the
Arizona Geological Survey at Hotel The Lodge on the Desert, Tucson,
Arizona, USA.

ATTENDANCE:

Name:	Organisation:	Representing:
Chris Pigram (CP)	GA- Chair	Oceania
Lee Allison (LA)	AZGS	North America
Andrej Przybcin (AP)	PGI	Europe
Eikichi Tsukuda (ET)	GSI	Asia
Marko Komac (MK)	GSS	OneGeology Managing Director
Matt Harrison (MH)	BGS	
Francois Robida (FR)	BRGM	
Tim Duffy (TD)	BGS	BGS OneGeology Administration
Steve Richard (SR)	AZGS (part)	
Randi Bellasai (RB)	AZGS (part)	
Kendra Decker (KD)	AZGS (part)	

APOLOGIES: Suzette Kimball (USGS) ; Oleg Petrov (VSEGEI, representing Eurasia), Katy Lee (BGS)

Summary of Actions

Action	Lead	Action	Status
1	MK	MK draft letter for potential sponsors for CP to sign (14 days)	
2	MH	MH to organize town hall at EGU, Vienna	
3	TD	Administration to follow up with Patrick McKeever	
4	TD	TD Ken Wilkinson (South Africa GS) to talk to chief executive. Possibly Skype directly. May sign up as African consortium member	
5	TD, FR	TD and FR to meet with Energistics (17th February, Paris)	
6	MK	MK/1G Secretariat to collect the IPR issues from past projects (i.e. 1G-EU) and send them to LA to collect inputs for Belmont Forum	
7	MH	MH on BGS use of digital object identifiers by next Board meeting	
8	TD	Administration to clarify diagram and CL will make changes	

9	TD	TD add to each TOR to state that the chairs will invite the members in consultation with the MD. Also add in to appoint chairs	
10	MK,MH	MK to prepare the TOR for SUG and MH to prepare the TOR for TAG.	
11	MH	MH will determine where are we with committed funds for 2013 report back	
12	MK	MK to prepare the Work plan 2014 (mid-term and yearly) based on financial status	
13	MH	MH will work with LA team for brochure draft creation prior to EGU (deadline for printing brochures is 15th April)	
14	MK	MK to contact EGS regarding the EGU display possibilities for 1G	
15	MK	MK Circulate PPT to all board members	
16	MH	MH define digital banner and circulate. Need to physical print before EGU	
17	MK	MK check to see if IGCP 1G funds have been diverted to BGS account and included in budget	
18	Mk	MK to arrange a phone call with the World Bank and 20inform the Board of the outcomes. Meeting with WB by LA to follow. De Sa will be in Brussels for the EGS Meeting.	
19	MK	MK 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	
20	CP	CP make a web of all the connections of all future data management components. Will ask Leslie to make a spider diagram of all the components until the next Board meeting	
21	LA	LA Get 1G map as web service in IRENA (report at the next Board meeting)	
22	TD	TD secretariat to change website to "providing geoscience data globally" and updating the web-pages.	
23	TD	TD has to have candid conversation to determine sponsorship level with Schlumberger Information Solutions. MK will suggest mutual benefit discussion – opportunity to work together to share expertise as well as web service direction.	
24	MK	MK examines potential grant opportunities	
25	MK	MK will ask for a list of who/which industry Ian Jackson has contacted	
26	MK	MK to remind/ask 1G Members to send in their contacts and established links with the industry	
27	TD	TD will talk to Oleg's group about expectations	
28	TD	BGS to re-join ESRI development of beta programme of WFS within the core ArcGIS (3 months' time)	
29	LA	LA + MK to develop a plan to tackle the sustainability of OneGeology (in tight cooperation with MK)	
30	MK	MK to re-discuss the ESRI OneGeology Grant Scheme to	

		get direct access to information on the actual usage of the Scheme.	
31	MK	MK to chair the SUG; LA a representative of the Board in the SUG	
32	TD	TD & BRGM person to co-chair the TIG	
33	TD	Board members to prepare half page reports on regional developments ahead of the Board meeting	
34	MK	MK to prepare a guideline for Board membership terms. (overlaps, continuity of the board)	
35	MH	MH to consider the relations of BGS and BRGM to OneGeology Consortium and their status in the Board	

1). Welcome and Introductions

CP thanked LA for the arrangements for the meeting. Oleg Petrov (VSEGEI) had sent his apologies but also supplied a letter describing his view of the issues in OneGeology Eurasia for inclusion in discussion later.

Commissions were sent to Katy Lee of BGS who was unable to travel to Arizona for health reasons.

Tim Duffy of BGS gave a presentation on the current status of OneGeology participation and ways forward. An immediate need is for wider coverage of web served data so that OneGeology reaches a true critical mass of available web maps. Approximately 50 surveys need to be encouraged to start serving data.

2). Summary of Paris meeting and update

Item 2 document was approved.

3). Review and update of Paris actions

Action #	Action	Owner	Status
1	Forward Chris Pigram contact details to Secretariat.	AM	Discharged
2	All Consortium members to respond and support fully the MD when necessary - still ongoing	Consortium	Ongoing
3	Send Consortium member invoice for period Jan-Dec 2014. Chris Luton (BGS lawyer) agreed to wait until next week for Consortium agreement updates for 2014.	Secretariat	In hand
4	Circulate the summary of decisions made during Paris meeting to entire OneGeology mailing list.	Secretariat	Discharged
5	Prepare a short meeting report (500 words) for newsletters. Was sent to press list also	Secretariat	Discharged

6	Define the role and remit of the new board chair by the end of November. To be agreed and discharged a this meeting	Board?	This meeting
7	Write to the current Operational Management Group (OMG) and Technical Working Group (TWG) to reassure them of their continued role and ask how they can better input with respect to the changes with OneGeology. Tasks more or less the same . medium reply most did not as usual PLEASED THEIR ROLE THE SAME. Merg or rename?	MK	Discharged
8	Create OneGeology prospectus. To be discussed later	Secretariat to coordinate, MK, Board	Pending
9	Provide industry contacts/potential sponsors. No reply from consortium members - we need to ask them again and give them the timeline – action MD to draft a sponsorship letter for CP to sign – AP1. MH Michel of TNO could provide contacts with shell etc . discuss at item 9 .	Consortium, Secretariat	Pending
10	Prepare and distribute press release to all consortium organisations.	Secretariat	Discharged
11	Prepare a strategy for the associate members highlighting the reasons and benefits of being a continued part of the OneGeology community. Still pending for this meeting	Board	Pending
12	Add clause to the OneGeology charter/Consortium Agreement that Board membership can be terminated (should the member not be complaint with the ToRs).	CL	Discharged
13	Identify key people to speak with members to maintain their interest in OneGeology. Item 9	MK and Board Chair	Pending
14	Draft Terms of reference – roles for the board members and chair to be set out ASAP On this meeting's agenda	MK, Board, Consortium	Pending

15	<p>Vote on changes to the 1G Consortium Agreement by the 1G Board members. Deadline is the end of the year.</p> <p>To be done here.</p>	MK, Board	Pending
16	<p>Arrange Board meeting for the week of 20-21 of January 2014 (TBC) in USA (+ regular videoconferences). Secretariat to poll available dates for the meeting.</p>	Secretariat	Discharged
17	<p>Next Consortium meeting should ideally attached to a big event (1st outside Europe). Secretariat to look for appropriate conferences and dates.</p> <p>Discussed with Katy couple of times – Yes meeting in Tanzania in august? Trying not to hold it in Europe:</p> <p>LA suggested in Brazil Sao Paulo along with Belmont forum – oct 20th to 24th iee e-science conference .</p> <p>MK to explore South American possibilities for such a regional ‘Annual General Meeting’ (which would be moved around the continents as appropriate).</p> <p>Matt – have a town hall meeting at coming EUu Vienna meeting to publicise - . Action Matt to arrange town hall ‘update’ ‘consultation’ ‘participant encourage’ – AP2.</p> <p>LA suggested a 2-3 hour period outreach effort – Matt volunteered to organise it as chairing the relevant EGU session.</p> <p>Brazil just asked for membership application form says Marko.</p>	Secretariat	Pending
18	<p>Draft Action plan and sourcing = operational business plan – including the measurable goals (success criteria) + controls.</p> <p>On agenda</p>	Board, Consortium	Pending
19	<p>Review of the way the technical and operational groups operate (asking them to provide their views)</p> <p>Item 5</p>	MK	In process
20	<p>Set up sub-groups (for budget, sponsorship, legal + governance, technical, science etc.) led by a member of the</p>	Board	Pending

	Board, to be appointed.		
21	<p>Provide a OneGeology PowerPoint presentation for forthcoming UNESCO events in Africa and Latin America. Patrick McKeever to send dates of these events.</p> <p>Patrick asked for but never heard if he did it. Administration/MK to request feedback? – AP3</p>	Secretariat, PM	Discharged
22	<p>MD to phone key people directly, especially all former Steering Group Members to explain latest developments and invite to get active.</p> <p>Mk spoke with Gabi (Namibia) and Suzette (USGS) – both pleased – Suzette confirmed US and Canada 1gg involvement.</p> <p>Gabi explained her ministry cannot allow her to join. MK suggested OAGS way of being involved. Suggestion from BRGM marc urvois – seismic? FR problem of regional organisations being members.</p> <p>TRD reported on soundings with Ken Wilkinson of CGS South Africa. To continue discussions – AP4.</p>	MK	Discharged
23	<p>Presentations for the Paris Meeting to be made available with the minutes.</p> <p>When Katy back at work</p>	Secretariat	Pending
24	<p>Date of next Consortium meeting should be in 6 months' time, combined with another event, potentially in the USA. Meeting delegates to forward all suggestions within one week of Paris meeting.</p> <p>Brazil date ok (more than 6 months) if we do Vienna update</p>	Secretariat, ALL.	
25	<p>Selection of Board chair to be decided within 1 month.</p> <p>CP thanked for stepping to the plate</p>	MK, Board	Discharged
26	<p>Update contacts list spread sheet</p> <p>Ongoing TWG contacts list supplied to Katy</p>	Secretariat	In hand

Agenda items 4). Updates on the consortium agreement; 5). Defining clear roles within the governance structure; 6). Scientific and Technical goals and 7). Terms of Reference for Board and sub-groups involved considerable discussion, presentations and flip chart outlining and voting/decision facilitation techniques, resulting in the detailed Consortium Agreement for 2014 Final document attached as Appendix here. It was noted that once completed the administration should aim to translate it into French and Spanish if resources allowed. AP's 5-10 also emerged from these discussions. It became clear that OneGeology needs to look towards 3D/4D data expression as a long term but nevertheless clear goal.

8). Finance

If all 2013-2014 subscriptions are paid up and the expected 2014 membership fees are equivalent the same as the previous year are obtained then the budget available to spend in FY 2014 was circa 140k Euros. From that needs to come the 50K Euro annual budget for the Managing Director. BRGM requested a budget of 50k euro to cover 50% of the cost of effort to support and improve the portal during the year. BRGM would cover internally the other 50% but could only currently commit to that to the end of this FY.

The board accepted this offer of portal support for FY 2014.

BGS presented 3 different options for OneGeology administration and web services support and development, (also with currently 115% overheads being absorbed internally that could not be guaranteed to be absorbed in following financial years):

Option 1). Barest Minimum

Task 1: Service support (check offered services trickling in , advise and forward to BRGM portal for registration)

Task 2: management of TWG and liaison with BRGM/portal

Grand total: £10752

Option 2).

- Task 1: Start a programme of re-contacting the '50' currently not serving data 'members' to support them to be active – letters already requested from Algeria and Egypt
 - Start a programme of working with members to upgrade some existing services to be fully compliant and for data content to be optimised for clarity on geoscience topics being served and looked for on the portal.
 - These will lead to many new services being supported and being offered
- Task 2: maintaining the cookbooks and technical support webpages and add WCS (and these services) or other cookbook

Grand total = £33451 (+ 20k for Administration including Travel and Subsistence) = approx £55k or 66K Euros

Option 3). What we would like to do given the reported intentions of the Paris meetings and the Arizona meetings and given suitable funding:

Task 1: - Encourage the rapid expansion of query/re-displayable Web map services (e.g. GeoSciML_Portrayal compliant) and document for 1GE and 1G+ participants how to easily add to their services to make them Portrayal compliant

- Encourage the rapid expansion of OneGeology (and INSPIRE) compliant Web Feature Services using the fully interoperable GeoSciML 3.2 structure
- Continue to work with ESRI (and now other corporates) to help them support all 1GG services

Additional cost would be £19115 (there is a lot of work in supporting handling WFS).

Task 2: IF the new associate membership is meant to bring in the 'academic channel' by way of services from academia (many were offered in the early days of onegeology and rejected as being 'not from geological surveys') then this can initially be deemed as implying at least the same number of services we have now will be planned, onegeologyhelp queried and new services needing checking that will be offered: so assume, in the first year of actively encouraging the academic channel will be equivalent to 2) task 1 above i.e. £19115.

Grand total £40k.

The board agreed to fund option 2 and to review the possible expansion of work for both the portal and web services after six months (end June 2014) depending on funds actually available at the time. BRGM would be asked to submit an invoice for 6 months work to the BGS administration for end June 2014 and a second invoice for the same at the end of the OneGeology FY December 2014.

Agenda items 8). Finance, 9). Marketing plan, 10). Outreach 11).Collaborations, 12). Technical advances and 13). Engagement and 14). Wrap up generated AP's 10-35.

15). Date and venue of next face to face meeting: Geoscience Australia, Canberra 18-23 January 2015.

There will be approximately quarterly meetings as appropriate via remote web based teleconference/GoToMeeting.

Appendix: The final Consortium Agreement wording for 2014 (including the SUG TOR which were written after the meeting):



Year 2014

OneGeology CONSORTIUM MEMBERSHIP AGREEMENT

between

OneGeology (BRITISH GEOLOGICAL SURVEY and BUREAU DE
RECHERCHES GÉOLOGIQUES ET MINIÈRES)

And

<< CONSORTIUM MEMBER NAME >>

Contents

1. PREAMBLE
2. BACKGROUND
3. MEMBERSHIP
4. GOVERNANCE
5. RESPONSIBILITY AND POWERS OF THE CONSORTIUM AND ITS BOARD
6. LIABILITY
7. INTELLECTUAL PROPERTY RIGHTS
8. TERM AND TERMINATION
9. FORCE MAJEURE
10. ENTIRE AGREEMENT
11. ASSIGNMENT
12. SEVERANCE
13. NO PARTNERSHIP OR AGENCY
14. THIRD PARTY RIGHTS
15. LANGUAGE
16. DISPUTE RESOLUTION

Annex 1: SCHEDULE ONE. MEMBERSHIP FEES

Annex 2: Administration and Board and group Terms of Reference

Annex 3: DEFINITION OF SEVEN ONEGEOLOGY REGIONS

PARTIES

(1) BRITISH GEOLOGICAL SURVEY (“BGS”) a component institute of the NATURAL ENVIRONMENT RESEARCH COUNCIL (“NERC”), of Environmental Science Centre, Nicker Hill Keyworth, Nottingham, NG12 5GG, UK,

and

BUREAU DE RECHERCHES GÉOLOGIQUES ET MINIÈRES whose administrative office is at 3 avenue Claude-Guillemin, Orléans-la-Source, à Orléans, France (“BRGM”).

(BGS and BRGM are the ‘Lead Parties’)

; and

(2) <<name and address of Member>> (“Member”)

TYPE OF MEMBERSHIP

// **GEOLOGICAL SURVEY ORGANISATION**

// **ACADEMIC OR TEACHING (other than geological survey)**

// **GOVERNMENT BODY OR AGENCY (other than geological survey)**

// **INTERNATIONAL BODY OR AGENCY**

// **COMMERCIAL COMPANY**

// **NOT-FOR-PROFIT COMPANY**

Details of membership types are available at Schedule One. Please tick as appropriate.

1 PREAMBLE

OneGeology is a global initiative which is initially improving the accessibility of a fundamental geoscience dataset - geological map data and now expanding to encompass all digital geoscience data including 3-dimensional datasets. It is improving the discovery, access, and interoperability of that data and last, but not least, accelerating the transfer and exchange of know-how and experience to achieve these things through state-of-the-art digital technologies including Web services. Since its inception in 2006 OneGeology has evolved considerably. One hundred thirty eight (138) organisations from 117 nations are now participating, serving more than 250 datasets to a dynamic Web map portal. The number of datasets is increasing steadily in extent, resolution and theme. OneGeology's websites are used by researchers, government, teachers, industry, and the public.

OneGeology is the major initiative of the geological surveys across the world, national and state/provincial/territorial. It is a flagship project of the International Union of Geological Sciences. It is actively supported by UNESCO and the Commission for the Geological Map of the World. It is regarded as an exemplar project in the domain of science and spatial data infrastructures by the International Council for Scientific Unions (ICSU), by the Global Earth Observation initiative (GEO), by the European Commission, and by the Open Geospatial Consortium.

Since 2007 the Lead Parties have provided the leadership, secretariat services and technical maintenance of OneGeology and its services. They have undertaken to continue to do so, but now seek the financial support of others who participate in and benefit from OneGeology: through subscription from its Members and other contributions from the geological survey community, the OneGeology Consortium seeks to improve One Geology's present coordination, governance and financial position.

The **Objectives** for which the Consortium is established are those of OneGeology; they are:

- To be the provider of geoscience data globally;
- To ensure an exchange know-how and skills so all can participate;
- Use of the global profile of 1G to increase awareness of the geosciences and their relevance.

By joining and becoming a Member of this Consortium, organisations will ensure the sustainability of OneGeology. Members will be helping to realise its full potential and play an integral part in its further development as the global platform to improve access to fundamental geoscience data, to the exchange of knowledge and skills to deliver that data, and to improve the interoperability of scientific data for the benefit of the users of geological knowledge across the world. Membership will ensure that the data and services delivered by national and state/provincial/territorial surveys are available on a high profile global platform. It will give Members personnel access to the expertise and experience of international geoscientists and informatics experts. It will leverage Members organisations' research, survey and service contribution through its global presence, and its track record in spawning projects supported by regional and national funding agencies.

2 BACKGROUND

A Board of OneGeology (previously known as the Steering Group) representing the geological surveys of the world, on a seven regions basis, provide the governance of OneGeology. The Board and the Lead Parties thus wish to make available to subscribing Members (hereinafter referred to as Principal Members) on an annual membership basis, Membership of a OneGeology Consortium.

This Consortium Membership Agreement sets out the terms, rights, and fees associated with membership (described in Annex 1) and also describes the governance of the Consortium; it encourages Members who wish to join the Consortium, further the Objectives of OneGeology and to provide access to data and expertise. At the same time it supports the Board and the Lead Parties which have agreed to contribute to, govern, and coordinate OneGeology - all actions which are subject to the terms and conditions of this Agreement.

3. MEMBERSHIP

Membership in OneGeology conveys many benefits: membership and active participation means a Member organisation has access to the world's leading digital data management technology and resources. Members will help drive the direction of geoscience cyber infrastructure to clearly define the problems, establish the solution criteria, and set priorities. Membership helps Members adopt and comply with emerging technical designs and standards. Membership also provides opportunities to interact and work directly with the leading organisations and individuals in the digital geoscience data world.

Membership in OneGeology is conveyed to signatories of the OneGeology Accords adopted in 2007 in Brighton, United Kingdom. **Members** have all rights and responsibilities described in the current document, but may not vote for members of the Board unless they are Principal Members and pay the appropriate fees. Members are eligible to participate in working groups and committees. Membership in OneGeology is non-lapsing but resignation is effective with 30 days of written notice to the administration.

Members who pay the membership fees described in Annex 1: Schedule One Membership Fees become **Principal Members**. In addition to the rights provided to all Members, Principal Members vote on governance and financial issues and may access a number of free or reduced cost registrations to OneGeology conferences and meetings, as determined by the Board.

Non-profit, academic, or governments organizations that support the objectives of OneGeology may become **Associate Members**. Associate members may provide data but are not mandated to do so. Associate Members will be eligible to receive all OneGeology correspondence and participate in OneGeology activities within the limits of the OneGeology Brighton Accord (see Annex 4) and terms of reference for operation. The fees for Associate Membership are described in Annex 1.

Commercial entities are very welcome and may become **Corporate Members**, eligible to receive all OneGeology correspondence and participate in OneGeology activities within the limits of the OneGeology Accord and terms of reference for operation. The fees for Corporate Membership are not fixed and need to be agreed with the Board. Corporate Members are eligible to send up to four representatives to attend an exclusive annual technical and strategic review of emerging technologies and deployments in the OneGeology consortium.

4 GOVERNANCE

OneGeology is not a legal entity: it is a non-corporate body supported through the trust of its Members and, in particular, the Lead Parties. It will be governed by the Board and supported by the permanent administration provided by the Lead Parties. The Board will comprise members (hereinafter referred to as Board Members) representing geological survey organisations (both national and where appropriate state/provincial/territorial) from each of seven regions - Africa, Asia, Eurasia, Europe, North America, Oceania, South America (the definition of the seven regions is given in Annex 3. In recognition of the substantial logistical and financial support provided in the past and continuing to be provided to OneGeology by the Lead Parties, additional two Board Members will be nominated from and by the Lead Parties. The Managing Director is automatically appointed a Board member by her/his position.

Each of the seven regions may nominate one person to hold office as a Board Member. The process of appointing that Board Member is the responsibility of each region as is their duration of office, providing that duration is not less than 6 months. The regions may request OneGeology management to recommend and coordinate the appointment process for that region.

Each Board Member must accept responsibility to actively promote and participate in OneGeology and its governance and fully and fairly represent the region from which they are drawn. The time and expenses of Board Members are funded by their parent organisations.

The ten Board Members will appoint a chair person from within their number and agree on the term and protocols which apply to the office of chair person. The Board will develop a terms of reference with assistance from the administration. The Board will determine their operational and meeting procedures. Every Board Member has one vote at a Board meeting and may call a Board meeting or any other person as authorised by the Board ToR (or virtual meeting) at any time, subject to fourteen (14) day notice. A quorum will be a minimum of majority of Board Members, dependent on their number¹. The chair person will hold a casting vote should a simple majority not be reached.

OneGeology Membership and Governance Structure (2014)

¹ Number of Board Members may vary due to inactiveness of certain Regions.



5 RESPONSIBILITY AND POWERS OF THE CONSORTIUM, THE BOARD, AND MANAGING STAFF

The Consortium, its Board, and management staff have the responsibility to further the Objectives of OneGeology. The Board and Consortium has the power to do anything within the law that may promote or may help to promote any or all of the Objectives, but nothing outside the Objectives.

Income from membership fees and other sources will be used to supplement the administrative services and technical coordination functions (roles summarised in Annex 2) supported at a core level by the Lead Parties. The Board may also choose to employ such staff as are necessary for carrying out the work of the Consortium, in particular ensuring the effective and efficient executive leadership of OneGeology (i.e. the Managing Director). The Board will establish the roles needed and select the personnel and their terms of employment. The costs of supplementing core services and functions and/or employing such personnel will not exceed the resources made available to the Board through this Consortium Agreement.

The OneGeology Managing Director is a Board member by his/her function for the term, defined by the Consortium Members at the annual meeting. Managing Director cannot be nominated as the chairperson of the Board.

Financial and accounting arrangements of the Consortium will be transparent to all Members and be audited annually by qualified individuals selected by the Board.

6 LIABILITY

Each Member providing data via OneGeology services is responsible for ensuring that data are eligible for access on a global scale and they have sought the necessary permissions to allow such use. Where Members wish to provide more than a “view” service, they should provide terms of use with their data.

The financial liability of each Member of the Consortium is limited to their annual membership fee.

Nothing in this section conveys that the parties to this Agreement are joint and severally liable.

The limits of liability do not apply in the event of death or injury or the gross negligence of any of the parties to this Consortium Agreement.

7 INTELLECTUAL PROPERTY RIGHTS

Data distributed as part of OneGeology will remain in the ownership of the originating geological survey or organisation. Each Member will only provide through OneGeology data that it has the full authority to provide. Each Member is aware and accepts that data provided will be made accessible on the Internet.

Any data or information generated by any of the parties to this Agreement shall and will remain in the ownership of that party.

8 TERM AND TERMINATION

This Agreement shall commence on January 1st 2014 and shall continue for the remainder of the year in which it is taken out. At the end of the year, membership will move onto an annual membership, running from 1st January. Each party must notify the other party of intention to terminate, in writing, at least 60 days before the end of the membership year. If a Member joins OneGeology Consortium during the year the membership fee is calculated proportionally to the month in which the Member signs the Agreement.

In the event a breach of a party’s obligations under this Agreement is identified, the Board shall give the defaulting party 30 calendar days notice to remedy the breach. If such breach is substantial and is not remedied within that period or is not capable of remedy, the Board will have the option to terminate the defaulting party’s participation. Any unused fees paid by the defaulting party will not be reimbursed.

Clauses 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12 will survive the termination by a Lead Party or Member of Agreement for any reason and will continue indefinitely.

9 FORCE MAJEURE

The Lead Parties shall have no liability to the other Members under this Agreement if they are prevented from or delayed in performing their obligations under this Agreement, or from carrying on its business, by acts, events, omissions or accidents beyond their reasonable control.

10 ENTIRE AGREEMENT

This Agreement, and any documents annexed and/or referred to in it, constitute the whole agreement between the parties and supersede any previous arrangement, understanding or agreement between them relating to the subject matter they cover.

11 ASSIGNMENT

Members shall not, without the prior written consent of the Board assign, transfer, charge, sub-contract or deal in any other manner with all or any of its rights or obligations under this Agreement.

12 SEVERANCE

Should any provision of this Agreement become invalid, illegal or unenforceable, it shall not affect the validity of the remaining provisions of this Agreement. In such a case, the Members concerned shall be entitled to request that a valid and practicable provision be negotiated which fulfils the purpose of the original provision.

13 NO PARTNERSHIP OR AGENCY

Nothing in this Agreement is intended to or shall operate to create a partnership between the parties, or authorise either party to act as agent for the other, and neither party shall have the authority to act in the name or on behalf of or otherwise to bind the other in any way.

14 THIRD PARTY RIGHTS

This Agreement does not confer any rights on any person or party (other than the parties to this Agreement and, where applicable, their successors and permitted assigns).

15 LANGUAGE

This Agreement is drawn up in English, French* and Spanish* languages. In the event of disputes regarding interpretation, both versions shall be deemed authentic. English language shall govern all other documents, notices, meetings, arbitral proceedings and processes relative thereto.

16 DISPUTE RESOLUTION

In the event of a disagreement about the interpretation or performance of the Agreement, the Members shall endeavour to settle their dispute out-of-court through the Board.

If the Members concerned have not reached a settlement of such dispute, the dispute should be the subject to the jurisdiction of the appropriate national court of the Member who would be defending the legal matter.

This agreement is valid from the date upon which it is signed

Signed

Name

Position

***Available on request**

Annex 1: SCHEDULE ONE MEMBERSHIP FEES

The annual membership fees are set out below. These are the minimum fee levels and organisations may choose to provide financial support for OneGeology which exceeds this. Subsequent annual membership fees will be subject to the rates agreed by the Board and prevailing at the time of renewal.

ORGANISATION TYPE	SIZE*	MINIMUM ANNUAL FEE (€)
GEOLOGICAL SURVEY ORGANISATION	LARGE	5000
GEOLOGICAL SURVEY ORGANISATION	SMALL	2500
ACADEMIC OR TEACHING ORGANISATION	LARGE	5000
ACADEMIC OR TEACHING ORGANISATION	SMALL	2500
GOVERNMENT BODY OR AGENCY	-----	5000
INTERNATIONAL BODY OR AGENCY	-----	5000
COMMERCIAL COMPANY	-----	**
NOT-FOR-PROFIT COMPANY	-----	2500

* Large = >100 full time employees

** Subject to individual negotiation through the MD

MEMBERSHIP CATEGORIES	CRITERIA	FEE (€)
Member	Signer of Brighton accord	0
Principal Member	Members with voting rights	see above
Associate Member	Supports objectives	see above
Corporate Member	Supports objectives	tbd

If you need OneGeology to raise an invoice provide the following information:-

Organisation Billing Address:

VAT (tax) number if you have one:

Payee name that the invoice is to be addressed to:

Fee Amount:

Any other references that you wish to be quoted (e.g. purchase order numbers):

Payments should be made payable to:-

British Geological Survey

Bank Details :

Bank Acct	General Euro
Used for	Intra-NERC ("book") transfers / BACS
Acct Name	GBS RE NERC EUR GENERAL
Acct Address	NERC POLARIS HOUSE NORTH STAR AVENUE SWINDON WILTSHIRE SN2 1EU
Bank Name	CITIBANK
Bank Address	CITIBANK LONDON BRANCH CANARY WHARF LONDON E14 5LB
Sort Code	18-50-08
Acct No.	12842505
IBAN	GB66 CITI 1850 0812 8425 05
SWIFT/BIC	CITIGB2L

Quoting Reference :

Annex 2: Administration and Board and group Terms of Reference

The administration will:

- Provide the day-to-day coordination of OneGeology, including operational and financial matters and liaison with Members
- Support the OneGeology Board chair person and Managing Director
- Strive to recruit new members and extend and enhance data services
- Monitor progress and issues and assist Managing Director to provide regular oral and written reports to the Board and Members
- Assist Managing Director to liaise with the technical coordination team to ensure service continuity and development
- Support Managing Director to coordinate and chair an operational management group drawn from Members
- Assist Managing Director (with the help of Board) to develop appropriate business plans
- Assist Managing Director to maintain and develop effective communication within the OneGeology Consortium and with its users and
- Maintain and develop effective communication with media (including the website www.onegeology.org, newsletters, presentations, articles and exhibitions)

OneGeology Board Terms of Reference:

1. The OneGeology Board is drawn from OneGeology Principal Members.
2. The Board will appoint a Chair from within its members who will act as a single point of contact for the Group. The Chair serves for a term of two years and her/his position can be renewed.
3. The responsibilities of the OneGeology Board are to represent, consult and report to OneGeology Consortium Members and to strategically direct the OneGeology.
4. The OneGeology board is responsible for determining the operational structures necessary to deliver the Objectives defined in consortium agreement section 1.
5. The Board will appoint a Managing Director.
6. The Board will approve Terms of Reference for any working groups or committees it deems necessary to establish and will appoint their Chairs. Such committees will be chaired by Board members.
7. The OneGeology Board is responsible for the financial viability of the Consortium and is authorised to establish membership fees and to seek other sources of funding in support.
8. The Managing Director will report at least quarterly to the OneGeology Board.
9. The Board will meet up to four times a year or as needed with at least one face-to-face meeting per year.
10. The Board may invite observers to participate in its meetings.

OneGeology Technical Implementation Group (TIG) Terms of Reference:

1. The primary goal of the OneGeology Technical Implementation Group will be to specify, develop, test, agree, document and support the implementation of the technical capabilities that are required to deliver the OneGeology Objectives.
2. The OneGeology Technical Implementation Group shall consist of persons nominated by OneGeology Members.
3. The OneGeology Technical Implementation Group will be co-chaired by nominated representatives of the organisation that is providing the administrative and technical support services to data contributors to OneGeology and by the organisation that is hosting the OneGeology Registry and Portal.
4. The TIG will develop a work programme to be approved through the MD to the board. The OneGeology Technical Implementation Group will hold meetings at least annually.
5. The OneGeology Technical Implementation Group will report quarterly to the Managing Director.

OneGeology Science Users Group (SUG) Terms of Reference:

1. The primary goal of the OneGeology Science Users Group (SUG) will be to provide strategic scientific advice that is required to deliver the OneGeology Objectives and to ensure OneGeology is responsive and relevant to both its members and potential users.
2. The OneGeology SUG shall consist of representatives of various users groups (i.e. Industry, NGO, UNESCO, IUGS, CGMW, other regional and international groups, including past OneGeology Executive Director and Steering Group Chair). Also renowned external scientists may be invited to join.
3. Maximum number of OneGeology SUG members is nine.
4. The OneGeology SUG will be chaired by OneGeology Managing Director.
5. The SUG will develop a strategic scientific programme to be approved through the Managing Director to the Board.
6. OneGeology Board will approve OneGeology SUG members based on the suggestion by OneGeology Managing Director.
7. OneGeology Board will appoint its representative to the SUG.
8. The OneGeology SUG will hold meetings at least annually.

Annex 3: **DEFINITION OF SEVEN ONEGEOLOGY REGIONS**

Africa

Algeria DZA
Angola AGO
Benin BEN
Botswana BWA
Burkina Faso BFA
Burundi BDI
Cameroon CMR
Cape Verde CPV
Central African Republic CAF
Chad TCD
Comoros COM
Congo COG
Cote d'Ivoire CIV
Democratic Republic of the Congo
Djibouti DJI
Egypt
Equatorial Guinea GNQ
Eritrea ERI
Ethiopia ETH
Gabon GAB
Gambia GMB
Ghana GHA
Guinea GIN
Guinea-Bissau GNB
Kenya KEN
Lesotho LSO
Liberia LBR
Libyan Arab Jamahiriya LBY
Madagascar MDG
Malawi MWI
Mali MLI
Mauritania MRT
Mauritius MUS
Morocco MAR
Mozambique MOZ
Namibia NAM
Niger NER
Nigeria NGA
Rwanda RWA
St Helena SHN
Sao tome and Principe STP
Senegal SEN

Seychelles SYC
Sierra Leone SLE
Somalia SOM
South Africa ZAF
Sudan SDN
Swaziland SWZ
Tanzania, United Republic of TZA
Togo TGO
Tunisia TUN
Uganda UGA
Western Sahara ESH
Zambia ZMB
Zimbabwe ZWE

Asia

Afghanistan AFG
Bahrain BHR
Bangladesh BGD
Bhutan BTN
Brunei Darussalam BRN
Cambodia KHM
China CHN
Hong Kong HKG
India
Indonesia IDN
Iran (Islamic Republic of) IRN
Iraq IRQ
Israel ISR
Japan JPN
Jordan JOR
Korea, Democratic People's Republic of (North Korea)
Korea, Republic of (South Korea)
Kuwait KWT
Laos People's Democratic Republic LAO
Lebanon LBN
Macau MAC
Malaysia MYS
Maldives MDV
Mongolia MNG

Kuwait KWT
Laos People's Democratic Republic LAO
Lebanon LBN
Macau MAC
Malaysia MYS
Maldives MDV
Mongolia MNG
Myanmar MMR
Nepal NPL
Oman OMN
Pakistan PAK
Philippines PHL
Saudi Arabia SAU
Singapore SGP
Sri Lanka LKA
Syrian Arab Republic SYR
Taiwan, province of China TWN
Thailand THA
Timor-Leste TMP
United Arab Emirates ARE
Vietnam VNM
Yemen YEM
Qatar QAT

Eurasia

Armenia ARM
Azerbaijan AZE
Belarus BLR
Kazakhstan KAZ
Kyrgyzstan KGZ
Moldova, Republic of MDA
Russian Federation RUS
Tajikistan TJK
Turkmenistan TKM
Uzbekistan UZB

Europe

Albania ALB
Andorra
Austria
Belgium BEL

Bosnia and Herzegovina BIH
Bulgaria BGR
Croatia HRV
Cyprus CYP
Czech Republic CZE
Denmark DNK + Greenland
Estonia EST
Faroe Islands FRO
Finland FIN
France FRA
Germany DEU
Georgia GEO
Greece
Hungary HUN
Iceland ISL
Ireland IRL
Italy ITA
Kosovo
Latvia LVA
Liechtenstein LIE
Lithuania LTU
Luxembourg LUX
Macedonia, the former Yugoslav Republic of MKD
Malta MLT
Monaco MCO
Montenegro
Netherlands NLD
Norway NOR
Poland POL
Portugal PRT
Romania ROM
San Marino SMR
Serbia
Slovakia (Slovak Republic) SVK
Slovenia SVN
Spain ESP
Sweden SWE
Switzerland CHE
Turkey TUR
Ukraine UKR
United Kingdom GBR

North America

Bahamas BHS
Bermuda BMU
Canada CAN
Mexico MEX
United States USA

South America

Anguilla AIA
Antigua and Barbuda ATG
Argentina ARG
Aruba ABW
Barbados BRB
Belize BLZ
Bolivia BOL
Brazil BRA
Cayman Islands CYM
Chile CHL
Colombia COL
Costa Rica CRI
Cuba CUB
Dominica DMA
Dominican Republic DOM
Ecuador ECU
El salvador SLV
Grenada GRD
Guatemala GTM
Guyana GUY
Haiti HTI
Honduras HND
Jamaica JAM
Martinique MTQ
Montserrat MSR
Nicaragua
Panama PAN
Paraguay PRY
Peru PER
Saint Kitts and Nevis KNA
Saint Lucia LCA
Saint Vincent and the Grenadines VCT
Suriname SUR
Trinidad and Tobago TTO
Turks and Caicos Islands TCA
Uruguay URY
Venezuela VEN

Oceania

American Samoa ASM
Australia AUS
Cook Islands COK
Fiji FJI
Guam GUM
Kiribati KIR
Marshall Islands MHL
Micronesia, Federated States of FSM
Nauru NRU
New Zealand NZL
Niue NIU
Northern Mariana Islands MNP
Palau PLW
Papua New Guinea PNG
Samoa WSM
Solomon islands SLB
Tokelau TKL
Tonga TON
Tuvalu TUV
Vanuatu VUT
Antarctica ATA

Annex 4: Text of the Brighton Accord March 2007

1 The Accord

As a result of the kick-off meeting in Brighton, March 2007, participants agreed unanimously to an Accord, providing the governance, technical and political essentials for OneGeology. It is also a helpful document to clarify what OneGeology is about.

Eighty one participants from forty three nations and fifty three national and international bodies met in Brighton, UK, between 12 and 16 March 2007 to discuss and agree how to improve the accessibility of global, regional and national geological map data and, in doing so, increase its usefulness to society.

Participants at the workshop asserted that geological map data are essential to advancing science and education in order to better provide solutions to the challenges of mitigating environmental hazards, ensuring the sustainable supply of energy, minerals and water, and addressing the urgent challenge of our changing climate.

2 RECOMMENDATIONS

Participants agreed that the following 10 recommendations should be communicated to Geological Surveys and Organisations. Participants will encourage all Geological Surveys and Organisations not present in Brighton to embrace these recommendations.

- The OneGeology initiative should proceed with the following mission: **OneGeology is a Geological Survey initiative launched in the International Year of Planet Earth, which will make public and Internet-accessible the best available geological map data worldwide, initially at a scale of about 1:1 million, to better address the needs of society.**
- OneGeology will focus on making accessible existing geological map coverage and it is recognised that this will catalyse scientific harmonisation of map data globally.
- OneGeology will, as a priority, work to enable access to ~1:1 million geological map data. In addition, OneGeology will link to, and be interoperable with, applications for broad societal access and wider-resolution mapping.
- OneGeology aims to benefit society and also improve the efficiency and effectiveness of the Geological Surveys and Organizations providing the map data.
- OneGeology and its participants will seek funding to support its work and goals and also develop strategies to provide mutual assistance to implement OneGeology and build participant capacity.
- Participants recognise that map data distributed as part of OneGeology will remain in the ownership of the originating Geological Survey or Organisation, and ideally be available at no cost.
- OneGeology will be managed by a Steering Group composed of representatives from Geological Surveys and Organisations and will link to an International Coordinating Committee, comprising global geoscience and related bodies. OneGeology will be cognisant of, and proactively interact with, the wider geo-spatial community. It will also set up task groups to achieve its goals. A Secretariat will be established to ensure the sustainability and continuity of the initiative; this will be based in the British Geological Survey until December 2008.
- The priority of OneGeology is to make available interoperable, Internet-accessible, scientifically-attributed data and to make progress at levels appropriate to participants' capability.
- Geological Surveys and Organisations are encouraged to work together to develop and implement the required interchange standard to make their data interoperable.
- The progress of OneGeology will be presented at the International Geological Congress in Oslo in 2008, to demonstrate the resulting increase in Internet access to the map data.

This accord was produced and unanimously endorsed by participants at the OneGeology Workshop in Brighton, UK, 16 March 2007.

The Accord is also available in other language versions.