

CRIRSCO meeting, Bogota
OPEN SESSION
PERC REPORT – 2012-2013

20 Nov 2013

Eddie Bailey and Steve Henley

Main activities in 2012-13

1. PERC re-structuring completed
2. PERC Standard 2013 published
3. New participants
4. EU projects
5. External links
6. Presentations
7. Training courses

1. PERC RE-STRUCTURING



PERC asbl registration

- **What is an asbl?**
 - A Belgian not-for-profit organisation (*association sans but lucratif/vereniging zonder winstoogmerk*) consists of at least three people and pursues a non-profit making objective. Unlike a commercial company, the ASBL /VZW:
 - does not require a minimum capital;
 - cannot aim to make a profit but can charge membership fees and organise activities in return for payment where these are compatible with its purpose;
 - cannot distribute profits to its members.
- **Company number: 0.521-825-257**
- **Registration completed 7 March 2013**

Statutes and procedures

- PERC asbl registration – current status
 - Statutes in English and French
- Other operating procedures (not in statutes)
 - PERC website: www.percstandard.eu
 - Sub committees :
 - Financial/Regulatory
 - Sponsorship
 - EU projects
 - Training

PERC members

- Four representatives from each founding organisation, plus any number of co-opted members
- Currently a total of 23 members

Dan Germiquet

- We record the tragic loss of Dan Germiquet, one of 6 people killed in the Paris train crash of 12th July 2013.
- Dan, who was chief geologist of the Imerys group, was one of the longest serving and most active members of PERC, and was to have become deputy chairman at the end of this year, as well as taking responsibility for development of our training programme

PERC members

European Federation of Geologists

Ruth Allington (treasurer)
Markku Iljina
Carlos Almeida (secretary)
Pim Demecheleer

Institute of Geologists of Ireland

Paul Gordon
Eibhlin Doyle
Andy Bowden
John Barry

Co-opted members

Gordon Riddler
John Clifford
Tomas From
Juan Leon Coullaut

Institute of Materials, Minerals & Mining

Graham Woodrow
Paul Gribble
Liv Carroll
Steve Henley (deputy chairman)

Geological Society

Bill Gaskarth
Mark Howson
Paul Lusty
Eddie Bailey (chairman)

Jay Hambro
Neil Wells
Ed Sides

Election of officers 2013

- Chairperson: Eddie Bailey
- Deputy Chair: Steve Henley (*was intended to transfer to Dan Germiquet at end-2013*)
- Secretary: Carlos Almeida
- Treasurer: Ruth Allington
- CRIRSCO reps: Eddie Bailey, Steve Henley

Sponsorship

- Current sponsors are:
 - Petropavlovsk plc
 - Gemcom/Geovia (Dassault Systemes)
 - Wardell Armstrong
 - GWP
 - RCI
 - CSA
 - CMA
 - acQuire
 - Thomas Mining Projects
 - IMC Consultants
 - SRK UK
 - AMEC
- “Sponsorship in kind”: direct support from employers of PERC members

Sponsors



2. PERC STANDARD 2013

PERC Reporting Standard 2013

- First draft completed q4 2011. Consultations during 2012.
- Final draft published and circulated Dec. 2012
- Addition of Comisión Minera, Chile as RPO but no other requests for changes
- Approved 15 March 2013, published 16 March
- Revision 1, published 23 May, adding SME as an RPO
- Current developments (in progress): Dimension Stone section

PERC Reporting Standard 2013

- Main points:
 - Includes agreed standard CRIRSCO definitions
 - Re-written section on Competent Persons
 - Re-written section on industrial and construction minerals
 - New section on oil shales and oil sands
 - New section on minerals extracted by solution mining
 - New guideline on materiality for consistency with ESMA rules (especially relevant for construction minerals companies)
 - New Table 1 checklist item on site visits and verification of data
 - New Appendix 5 for definition of Recognised Professional Organisations
 - Other minor improvements

Main priority:

PERC as “the reference standard” for Europe

- Engagement with financial and regulatory organisations to extend the recognition of the PERC Standard, and continue to lobby for it to become the "reference standard" for EU markets.

3. NEW PARTICIPANTS

FRB: The Fennoscandian Review Board

- An organisation established by the mining industry in Sweden, Norway, and Finland
- Self-regulatory; registration of ‘qualified persons’
- Defined their own reporting standard, not recognised by CRIRSCO or ESMA
- Potential synergy by joining forces with PERC: Agreed a detailed proposal on 16th March 2013 with the Svemin representative, Tomas From
- Delays due to change of staff, but FRB have indicated they wish to continue on the basis of this proposal
- The PERC negotiating group is led by Markku Iljina

Spanish mining engineers

- Approach to CRIRSCO by the Spanish Council of Engineering Associations, who had developed their own draft reporting standard
- Edmundo Tulcanaza referred them to PERC
- Application submitted to PERC for recognition as an RPO. They are a member organisation of FEANI, the European federation of professional engineering associations: they use the “Eur Ing” qualification, equivalent to “Eur Geol” or the UK “C.Eng”
- Approved by PERC. We recommend recognition as an RPO (for their Eur Ing members) by other CRIRSCO members.
- Invited to nominate one member to PERC: nominated Juan Leon Coullaut

FEANI

- This is the European federation of engineering associations – the engineers' equivalent of EFG
- IOM3 is a member
- The Spanish engineering associations are members
- EFG/PERC has initiated contacts with FEANI – the purpose is to co-ordinate European representation of mining engineers in PERC.
- We shall request assistance from the Spanish engineers to assist in recognition of FEANI members across Europe

4. EU PROJECTS

EU projects

- PERC participation in:
 1. **European Innovation Partnership on Raw Materials** (participants R. Allington, S. Henley): **the EPCAT commitment**, jointly with EFG
 2. **Extract-IT** (S.Henley: invited participant in FP7 ‘foresight’ project on future mining technology)
 3. **Horizon-2020 Advisory Groups**: nominated ‘experts’
 4. **Minventory**: raw materials resources database project led by BGS and BRGM (E. Bailey and S. Henley; formally representing PERC on steering committee)

EIP-RM:

Workshop, 5th Dec 2013

EPCAT - a joint commitment by EFG and PERC:

- Develop and offer training courses, seminars, workshops in EU member states
- Engage with governments, companies, financial institutions
- Communication to industry, public, and profession
- Publication of guidelines on best practice and sustainability
- Global harmonisation of professional standards



What is EPCAT?

EFG/PERC Competence Accreditation and Training is a commitment on RM to support the Strategic Implementation Plan of the EIP on RM. EFG and PERC are jointly committed to promoting and maintaining the highest professional standards in the discovery and exploitation of raw materials.

- The role of EFG is to promote the recognition of the highest professional standards among all geoscientists working in the raw materials industry in Europe.
- The role of PERC is to define the standards for recording and reporting raw materials resources and reserves. This is both for public reporting by companies, using CRIRSCO aligned reporting standards, and for governmental and intergovernmental planning, using CRIRSCO and PERC standards as appropriate.
- Both organizations are committed to the need for maintenance of highest levels of Competence and Professionalism.

Objectives

The RMIC will include the active support of educational institutions in providing relevant training for professional geoscientists, as well as the development and direct provision of appropriate training courses for geoscientists at all levels working in the raw materials industry.

Expected Impact

An assurance of consistent high level of competence will lead:

- To improved confidence in reported data on raw materials resources and reserves.
- Appropriate implementation of relevant legislation such as the European Environmental Impact Assessment.
- Improved public understanding and confidence of mining reports and activities.

Activities planned

- PERC and EFG will develop and offer relevant training courses, seminars, and workshops in different member states.
- They will also engage directly with relevant companies, governments, financial and other institutions and organisations to improve regulatory frameworks governing the recording and reporting of statistical data relating to raw materials resources and reserves.
- Communication to the industry, the public, and the profession
- Publication of guidelines on best practice and sustainability
- Global harmonisation of professional standards through collaboration with international organizations such as UNECE and CRIRSCO

About PERC

PERC is the organization responsible for setting standards for public reporting of exploration results, mineral resources, and mineral reserves by companies listed on markets in Europe. It is a member of CRIRSCO, the Committee for Mineral Reserves International Reporting Standards, and the PERC Reporting Standard is fully aligned with the CRIRSCO Reporting Template. PERC is established formally as a non-profit organization (not-for-profit) supported in broad part by its constituent professional organizations. More information: www.percstandards.eu

About EFG

The European Federation of Geologists (EFG) is a non-governmental organization that was established in 1980 and today includes 21 national association members. It is the representative body for the geological profession in Europe. EFG contributes to protection of the environment, public safety and responsible exploitation of natural resources by promoting excellence in the application of geoscience, by supporting research and teaching that underpins it, and also by seeking public awareness of the importance of geoscience to society. EFG encourages professional development by promoting training and Continuing Professional Development and offers additional certification through its internationally recognized title of European Geologist & Geoscientist. More information: www.efg.eu/geology

Minventory project: second workshop 12 Nov 2013

- Metadata portal to European national databases of mineral raw materials
- 28 EU member states and 13 other European countries
- [BRGM/BGS study on current status. Gap analysis. Survey prepared by BGS and responses analysed by BRGM](#)
- **Recommended standardisation on PERC (=CRIRSCO-aligned) resources/reserves data** with extension to UNFC for prospective estimates; INSPIRE standard for geo-spatial referencing
- **Requires compilation by a Competent Person for consistency of recorded estimates**

5. EXTERNAL LINKS

UNFC

- Steve Henley represented CRIRSCO on the communications sub-committee
- Also undertaking a demonstration project to test and establish procedures for conversion of CRIRSCO-aligned reports to UNFC for governmental use.

IUGS Task Group on Global Geoscience Professionalism (TGGGP)

- CRIRSCO is an associate member
- Ruth Allington (chairperson of TGGGP, treasurer of PERC, and former president of the European Federation of Geologists) is compiling contacts: in particular would like details of South and Central American professional and scientific geoscience societies.
- Please send information to rutha@gwp.uk.com

6. PRESENTATIONS

Presentations & Publications

- Extract-IT, Leoben (Feb.2013)
- Extract-IT, Brussels (June 2013)
- Minventory 1st meeting, Brussels (May 2013)
 - *‘PERC’ (Eddie Bailey)*
 - *‘CRIRSCO and UNFC’ (Steve Henley)*
- Article in European Geologist 36, (Nov 2013)
 - *“PERC, CRIRSCO, and UNFC: minerals reporting standards and classifications”*

Future events

- Mineral Deposits Study Group conference: workshop and presentation – **Oxford, 6-7 January 2014**
- EFG / PERC joint conference on professional accreditation and standards for the mining industry – **Brussels, 21-23 November 2014**

7. TRAINING COURSES

Training courses

- **Dan Germiquet** was to have led this. **Ed Sides** has agreed to step in and work with us to develop and offer training courses
- PERC will develop and provide training courses on the preparation and use of reports using PERC and other CRIRSCO-aligned standards
- Introductory half-day workshops / masterclasses to be offered alongside mining industry conferences

Masterclass

- A half-day masterclass has been developed and was presented at IOM3 (London) on 28th June 2013, to an audience including 10 new IOM3 members from Polymetal, St Petersburg
- A half-day workshop / masterclass is to be offered within the MDSG annual conference, Oxford, Jan.2014

IOM3 Masterclass – June 2013

Institute welcomes new members from St Petersburg



In June, the Institute welcomed a group of mining engineers from Polymetal in St Petersburg, Russia. Their two-day visit involved professional review interviews for 10 of their engineers to gain professional member status of IOM3, for the purposes of Minerals Resource and Reserve Reporting, in addition to a Masterclass on the Committee for Mineral Reserves International Reporting Standards (CRIRSCO) given by Dr Steve Henley.

Left: Attendees of the two-day visit.