



COMMITTEE FOR MINERAL RESERVES  
INTERNATIONAL REPORTING STANDARDS



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# PERC Update

Neil Wells, PERC Deputy Chair  
CRIRSCO AGM,  
Jaipur, 08 November 2015



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PAN-EUROPEAN RESERVES +  
RESOURCES REPORTING  
COMMITTEE

PERC is registered in Brussels as a not-for-profit organization (absl)

Administrative support is provided through the offices of the EFG

PERC holds a separate bank account for funds received as contributions or raised from training events and consultancy/project work

PAN-EUROPEAN RESERVES +  
RESOURCES REPORTING  
COMMITTEE

## Executive

Eddie Bailey (Chair) GSL  
Neil Wells (Deputy Chair) IoM3  
Mark Howson (Executive Secretary) GSL  
Ruth Allington (Treasurer) EFG

Gordon Riddler  
John Clifford  
Steve Henley IoM3

## Trustees

Each RPO has four committee members, including those serving terms as Executives or Trustees

There is no limit on the numbers of co-opted members

## RPOs

European Federation of Geologists

3 members

Geological Society of London

2 members

Institute of Geologists of Ireland

4 members

Institute of Materials, Minerals and Mining

2 members

Co-opted Members

5 members

## Observers

Fenno-Scandian Review Board



Turkish Association of Economic Geologists

The Fennoscandian Review Board (comprising SweMin, FinnMin and Norsk Bergindustri) is now represented by a co-opted member from SweMin.

The FRB already has a reporting standard based on the CRIRSCO Template, but requirements for Competent Persons are not yet aligned.

The TEAG has been invited as observers. TEAG is already a member of the EFG.

## Training

**Developing and delivering training relating to the PERC Standard and professional development in reserve & resource assessment and reporting**

- Training courses developed and presented in conjunction with PERC AGM and as standalone events
- Core definitions and requirements included in the CRIRSCO Template are highlighted

## Financial and Regulatory

**Forming links with European Exchanges and Market Regulators**

- Links to the London Stock Exchange are maintained – particularly for updating AIM listing rules
- Liaison with and monitoring of items relevant to the mining sector from the European Securities and Markets Authority (ESMA) continued

## Sponsorship

**Securing funding for PERC activities**

- Continued direct sponsorship (including financial contributions and in kind) from mining companies and consultancies
- Income also generated for charges for training events

## INTRAW



- EU “Horizon 2020” project, led by EFG to establish a European “Raw Materials Observatory” on mineral non-energy raw materials
- PERC is a consortium partner, with the project co-ordinated by the EFG
- Collaboration with other non-European countries (including Australia, Canada, Japan, South Africa and the United States)
- Inputs and advice from Harry Parker and Deb McCombe



## MINATURA 2020



- Developing harmonised European regulatory guidance and policy framework for defining and safe-guarding '*mineral deposits of public importance*' to ensure their future '*best use*'
- Promoting mineral security and raising mineral planning profile in land use considerations

## *Opportunities and Challenges for the Classification & Reporting of Anthropogenic Resources*

Mark Howson

EU COST MINEA workshop 6-7 October 2016, Budapest



MINING the  
EUROPEAN  
ANTHROPOSPHERE



*Why reliable aggregates reserve declarations matter*

Neil Wells

Article published in Aggregates Business Europe & International Magazine, May 2016



## *EurGeol as Competent Person*

Dr. Isabel Manuela Fernandez Fuentes (EFG)

IGC 35 Cape Town, 27 August - 4 September 2016

*Knowledge from the data explosion: relating quantity, quality, variation and accuracy for good mining information*

Mark Howson

Mines and Technology conference

London, 29 November - 1 December 2016

**mines** and **technology**

Mark Howson representing PERC at the  
UNECE Expert Group on Resource  
Classification (EGRC) Seventh Session and  
UNFC Workshop, Geneva, 26 - 29 April 2016



PERC Co-sponsorship of Stonechange2016 conference in Carrara, Italy,  
16-17 June 2016

Papers presented by Marco Cosi, Ruth Allington & Steve Henley



**PERC** PAN-EUROPEAN RESERVES + RESOURCES REPORTING COMMITTEE

3 **Competence and Responsibility**

**Competent Persons**

3.1 **Definition** A Competent Person is a minerals industry professional, defined as a corporate member, registrant or licensee of a recognised professional body (including mutually recognised international professional organisations) with enforceable disciplinary processes including the powers to suspend or expel a member.

A Competent Person must have a minimum of five years relevant experience in the style of mineralisation or type of deposit under consideration and in the activity which that person is undertaking. Acceptable professional bodies and classes of membership under the Standard, which meet these requirements, within Europe or elsewhere (an RPO) are listed in Appendix 5 or in updated lists which may be published from time to time.

This definition of 'Competent Person' is subject to any additional restrictions or conditions which may be required by the appropriate stock exchange or regulatory authority.

3.2 Documentation detailing Exploration Results, Mineral Resource and Mineral Reserve estimates, from which a Public Report is produced, must be prepared by or under the direction of, and signed by, a Competent Person or Persons.

**Guidance** The terms "Competent Person" and "Qualified Person" are considered synonymous, and wherever the term "Competent Person" is used in this Standard, it is to be understood that "Qualified Person" is an acceptable alternative term.

**Competent Person's Report**

3.3 **Definition** A Competent Person's Report is any report prepared by a Competent Person for a company, and may contain estimated Exploration Targets, Exploration Results, or estimates of Mineral Resources and/or Mineral Reserves.

3.4 Although the Competent Person's Report may or may not be a Public Report, information from it may be included in other reports which are public, including Scoping Studies, Pre-feasibility Studies, Feasibility Studies, company annual reports, press releases, and websites.

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- Increased meetings
  - Quarterly conference calls for Members
- Increasing access
  - Discussions with potential RPOs to increase routes to Competence for non-geologists

- PERC 2016 Consultation Draft published
  - Revised format
  - New sections on mining waste, materiality and non-public reporting added

- Statutes amended
  - Recognizes need to include wider membership
  - Better definition of responsibilities of Executive
  - Introduces Trustees to ensure continuity and reduced bureaucracy for changes in Executive

**PERC** PAN-EUROPEAN RESERVES + RESOURCES REPORTING COMMITTEE

**crirSCO**

PAN EUROPEAN RESERVES AND RESOURCES REPORTING COMMITTEE (PERC) ASBL  
(NON-PROFIT ASSOCIATION)

**STATUTES**  
Date: XX May 2015  
2015 AMENDMENTS

**1. DEFINITIONS AND ABBREVIATIONS**

1.1 The name of the organisation is the PAN EUROPEAN RESERVES AND RESOURCES REPORTING COMMITTEE which will in normal usage be abbreviated to PERC.

1.2 PERC comprises a number of Participating Organisations, each of which has a right to nominate members as specified in paragraph 3.3 below. Participating Organisations may be professional associations of geologists, engineers, or other specialists involved in preparation of Competent Person reports on mineral reserves and resources, or may be industry associations, governmental or intergovernmental organisations, or other types of organisations with an interest in setting, promoting and maintaining professional practice standards in solid minerals reporting. Individual mineral companies would not normally be acceptable as Participating Organisations.

1.3 PERC is governed by a board of Trustees as identified in section 6 below, and whose role is described in paragraphs 3.14 to 3.15 below.

1.4 Additional organisations may from time to time be invited to become Participating Organisations.

1.5 The head office of PERC is established in the judicial district of Brussels, Rue Janner 13, 1000 Brussels, Belgium, at the headquarters of the European Federation of Geologists.

**2. TERMS OF REFERENCE**

2.1 The Pan-European Reserves and Resources Reporting Committee (PERC) is constituted to promote best practice in the public reporting of Exploration Results, Mineral Resources and Mineral Reserves. In this context PERC is responsible for managing the PERC Reporting Standard and serves as the Committee for Mineral

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