



COMMITTEE FOR MINERAL RESERVES
INTERNATIONAL REPORTING STANDARDS



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INTERNATIONAL REPORTING STANDARDS

Membership of CRIRSCO

Ian Goddard, Deputy Chairperson
CRIRSCO

CRIRSCO 2015 Annual Meeting
Brasilia, Brazil
30 November, 2015

Committee for Mineral Reserves International Reporting Standards

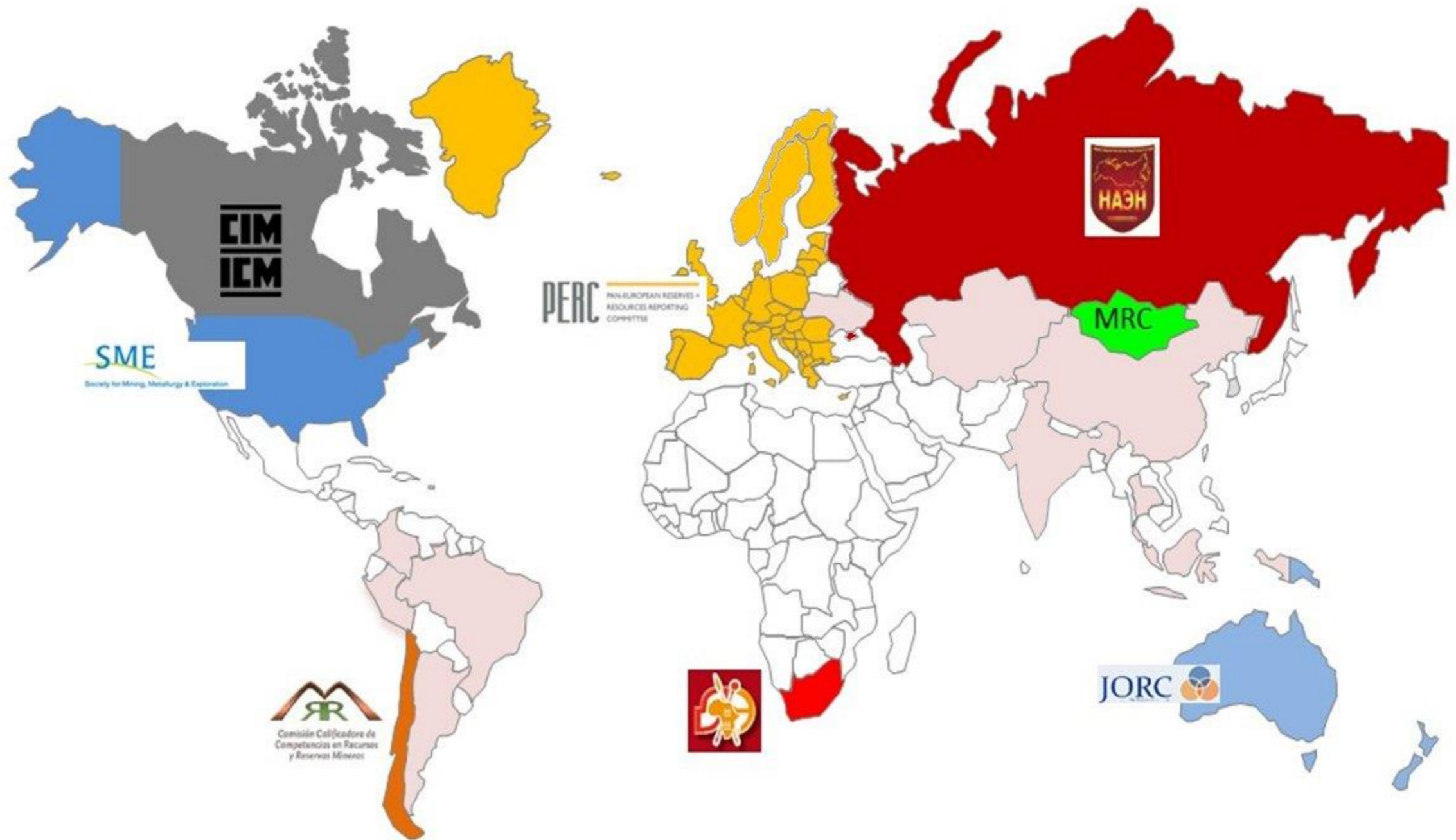
CRIRSCO

*To promote International Best Practice in the
Reporting of Mineral Exploration Results, Mineral
Resources and Mineral Reserves*

National Reporting Organisations (NROs)

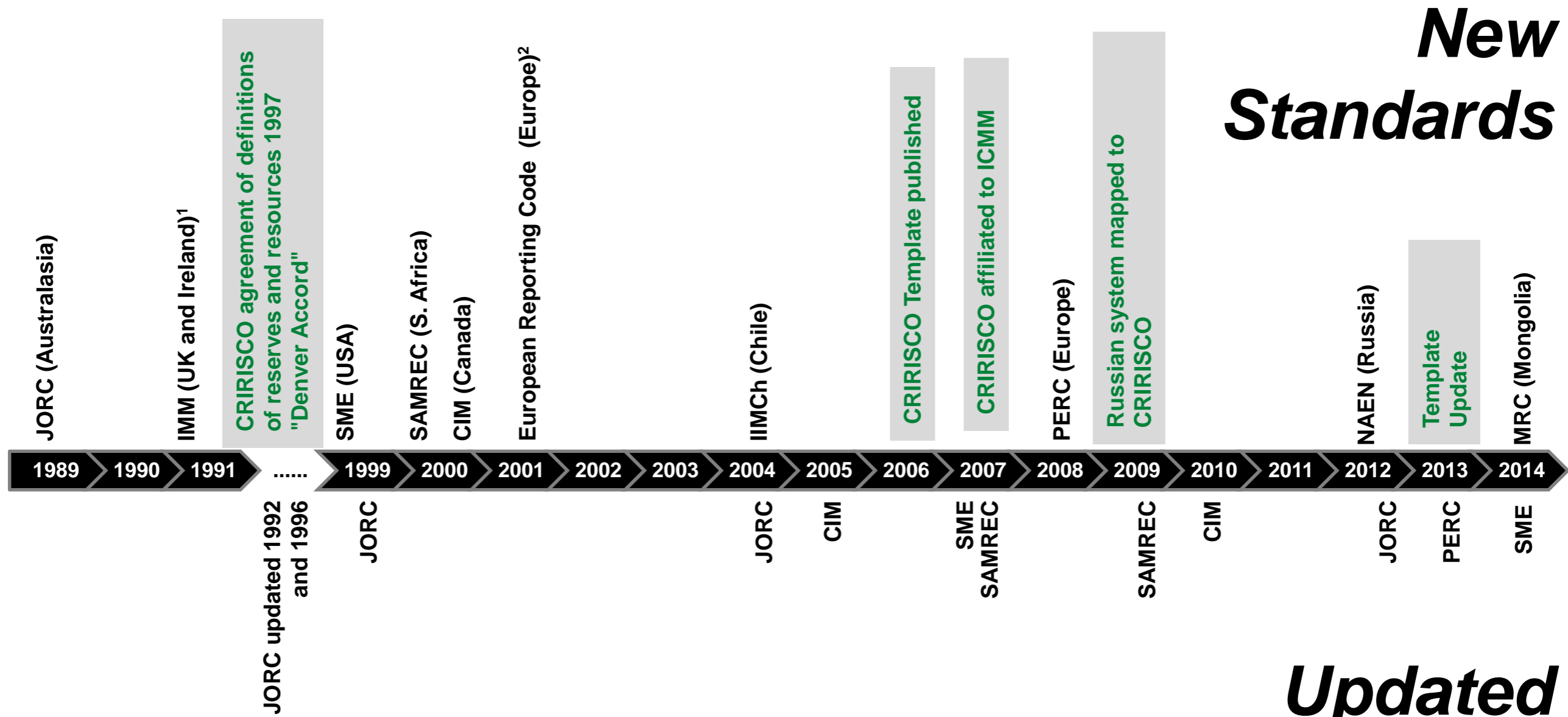
Bodies which develop and are responsible for mineral reporting codes, standards and guidelines for a country or a group of countries

- **AUSTRALASIA (JORC)**
- **CANADA (CIM)**
- **CHILE (CM)**
- **EUROPE (PERC)**
- **MONGOLIA (MPIGM)**
- **RUSSIA (NAEN)**
- **SOUTH AFRICA (SAMREC)**
- **USA (SME)**



Member Organizations

Country	National Committee	Member Organizations
Australasia	Joint Ore Reserve Committee (JORC)	Australasian Institute of Mining & Metallurgy (AusIMM) Australian Institute of Geoscientists Minerals Council of Australia
Canada	Canadian Institute of Mining, Metallurgy and Petroleum (CIM)	Canadian Institute of Mining, Metallurgy and Petroleum (CIM)
Chile	Mining Commission for the Qualification of Competencies in Mineral Resources and Reserves	Mining Council (Consejo Minero) SONAMI (small & medium sized mining companies) Institute of Mining Engineers of Chile Association of Geologists Association of Engineers
Europe	Pan European Resources and Reserves Reporting Committee (PERC)	European Federation of Geologists (EFG) The Geological Society of London Institute of Materials, Minerals and Mining (IMMM) Institute of Geologists of Ireland (IGI)
Mongolia	Mongolian Professional Institute of Geosciences and Mining (MPIGM)	Mongolian Professional Institute of Geosciences and Mining (MPIGM)
Russia	National Association for Subsoil Examination (NAEN)	Russian Society of Subsoil Use Experts (OERN)
South Africa	South African Mineral Resource Committee (SAMREC)	South African Institute of Mining and Metallurgy (SAIMM) South African Council for natural Scientific Professions (SACNASP) Geological Society of South Africa (GASA) Geostatistical Association of South Africa (GASA) South African Council for Professional Land Surveyors and Technical Surveyors (PLATO) Association of Law Societies of South Africa General Council of the BAR of South Africa Department of Minerals and Energy Johannesburg Stock Exchange (JSE) Council for Geoscience The Banking Association of South Africa
United States of America	Society for Mining, Metallurgy and Exploration (SME)	Society for Mining, Metallurgy and Exploration (SME)



¹ Replaced by the European Reporting Code in 2001

² Replaced by PERC in 2008

Chairperson: Harry Parker (SME)

Past Chairperson: Edmundo Tulcanaza (CM)

Deputy Chairperson: Ian Goddard (JORC)

Secretary: Ian Douglas (SME)

- Executive elected for a one year term
- Secretary's term may be extended for continuity

Annual General Meeting

- Held in a different country each year
- Two nominated Representatives from each NRO attend
- Potential new members invited as Observers to Open Session
- Interested parties invited to Open Session
- Decision making by consensus
- Goal – A united voice in relation to Reporting of Mineral Exploration Results, Mineral Resources and Reserves

- Formed on an as needed basis
- Deal with specific issues related to CRIRSCO activities
- Current Sub Committees
 - United Nations Framework Committee (UNFC) – Expert Group on Resource Classification
 - Review of the CRIRSCO template

- Programs and budgets developed annually
- Representatives are volunteers
- Partial funding from ICMM
- Significant support from NROs and employers of Representatives

- Produce and be responsible for maintaining a reporting standard that is **compatible** with the Template.
- The standard must be recognised as the **standard** for Public Reporting, or has the wide **support** of professional bodies, in the country/region.
- Agree to conduct international **consultation** with NROs represented on CRIRSCO before making amendments to its National or Regional reporting standard.

- Include credible, **self regulating, professional** bodies that provide disciplinary systems and Codes of Ethics that govern the behaviour of Competent Persons or equivalents as defined in the Template.
- Commit to **engaging** in CRIRSCO activities.

Compatible Reporting Standard

- Compatibility with the CRIRSCO Template means having a standard that is largely based on the Template with national variations as required by regulators, but with minimal variation on the Standard Definitions contained in the Template.
- For purposes of government reporting, mapping to a previous Mineral Resource and Mineral Reserve classification is permitted, however “compatibility” is not achieved by linking a national reporting system to the Template by mapping alone.

INTERNATIONAL COMPARISON

	Australasia	Canada	Chile	Europe	South Africa	USA SME	USA SEC
CODE	JORC	NI 43-101	Com'n Minera	PERC	SAMREC	SME Guide 2014	IG7
Listing Rules	✓			✓	✓		
Securities Law		✓	✓				✓
National	✓		✓		✓		✓
Province/ State		✓					

POTENTIAL NEW MEMBERS

- Strong interest world wide
- MOUs signed with Brazil, Kazakhstan and Turkey
- Imminent decisions on first two
- Advanced discussions with China, Colombia, Philippines, Indonesia, Argentina, Ecuador, Peru, India
- CRIRSCO Representatives appointed to China and India.
- Ukraine following the Russian path

The contributions of present and past Representatives of Members of CRIRSCO to this presentation and the financial support of ICMM and JORC are gratefully acknowledged.



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