

# **Cooperation between EGRC and ISO/TC 82, *Mining***

## **A subject worth exploring...**



# ISO basics

What is the **International Organization for Standardization**?

The world's largest developer of **voluntary International Standards**, which:

- give **state of the art** specifications for products, services and good practice, helping to make industry more efficient and effective.
- are developed through **global consensus**,
- help to **break down barriers** to international trade.

A network of **162 national standards bodies** who make up the ISO membership and represent ISO in their country:

- members participate in **ISO Technical Committees** forming **National Mirror Committees** with relevant stakeholder groups.



# ISO in figures



Every day  
**23** ISO meetings  
around the world

**162** members:  
national standard bodies who  
represent ISO in their country

Appointing more than  
**100 000** experts

Gathered in **238**  
technical committees

Developing **100**  
new standards each month

Currently more than **21 100**  
International Standards



# A brief history of ISO/TC 82

Created in 1955

Developed **36 International Standards** dealing with:

- mining machinery
  - coalface machinery
  - mining ropes
  - drilling equipment
- geological and petrographic symbols

“**methods of calculation of mineral reserves**” included in Scope

Dormant since 1999



# A brief history of ISO/TC 82

Reactivated in 2013

Added to the Scope:

- **design of structures** for mining industry
- **mine reclamation management** → Subcommittee “SC 7” established

Ongoing projects at TC 82 level:

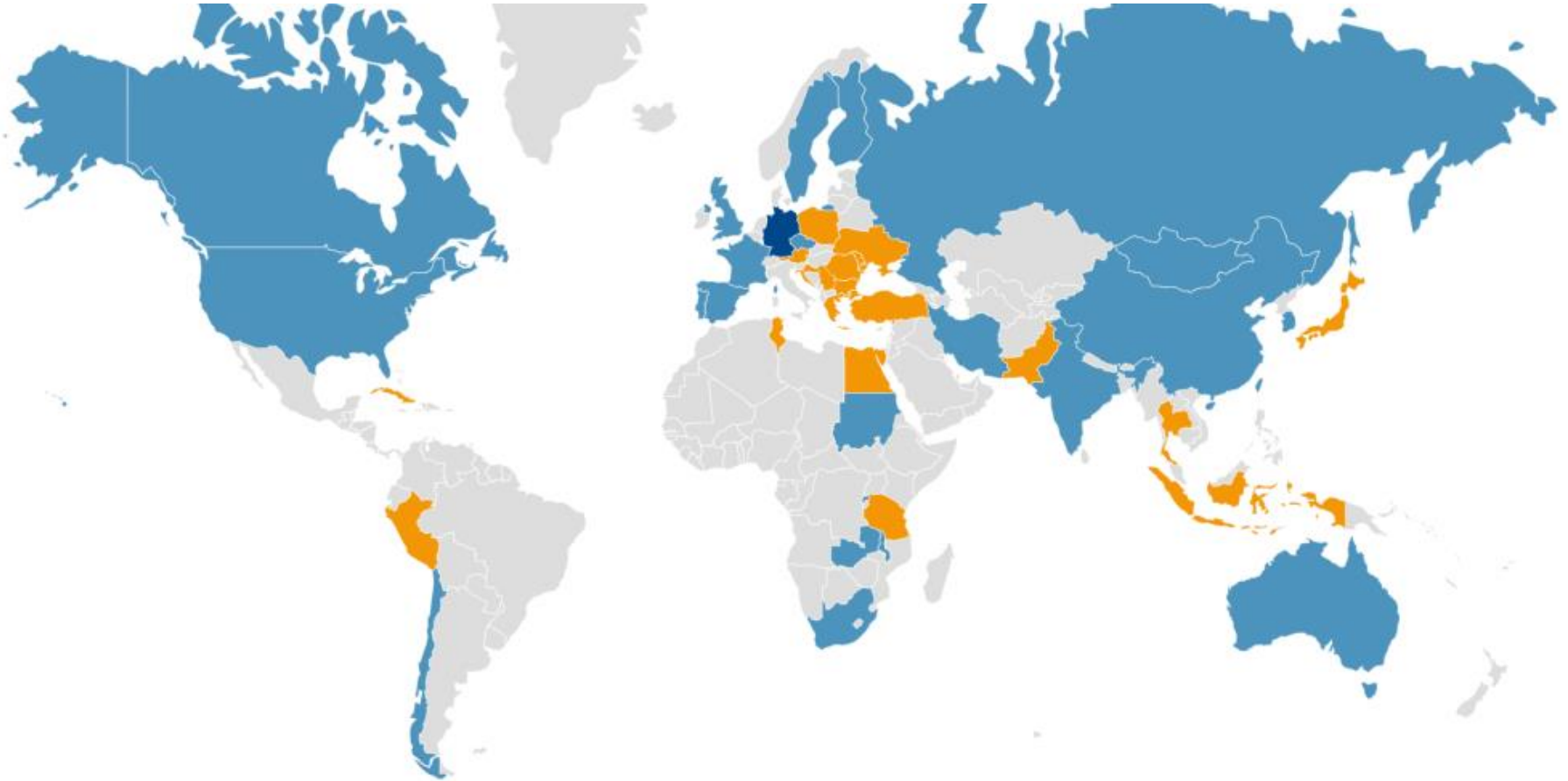
- machine safety – rock drills, continuous surface miners, extracting machines at the face (shear loaders and plough systems)
- structures for **mine shafts**
- classification of mine accidents
- **“Reporting template for the public reporting of exploration results, mineral resources and mineral reserves”**

Ongoing projects at TC 82/SC 7 level:

- **terminology**
- **mine water** in abandoned mines
- mine reclamation **management planning**



# ISO/TC 82 membership



**Dark blue:** Secretariat, Germany

**Blue:** participating country (23)

**Orange:** observing country (20)



# ISO/NP 20817

**“Reporting template for the public reporting of exploration results, mineral resources and mineral reserves”**

**Proposer:** ANSI, US member body of ISO      **Approved:** on 2015-10-30

**Purpose:** to harmonize different existing reporting templates (e.g. Canada, Australia, USA, South Africa, Europe) in one ISO Standard

**Content:**

- **requirements** for Public Reporting of exploration results, mineral resources and mineral reserves → **globally accepted and harmonized**
- based on CRIRSCO International Reporting Template

**Current stage:** Working Draft – initial technical work

**Assigned to:** ISO/TC 82/WG 7, “Public reporting of Exploration Results, Mineral Resources and Mineral Reserves”

**Participating countries:** Canada, Germany, Republic of Korea, South Africa, Spain, United States



# ISO/TC 82 partners

**Internal liaisons** = ISO Committees in liaison

## ISO/TC 82:

- ISO/TC 127 - Earth moving machinery
- ISO/TC 195 - Building construction machinery and equipment

## ISO/TC 82/SC 7:

- ISO/TC 190 - Soil quality

**External liaisons** = organizations outside ISO platform

## TC 82:

- CIM/GMSG - Global Mining Standards and Guidelines Group (Canada)

UNECE / Expert Group on Resource Classification

CRIRSCO





# ISO External Liaisons

## Establishing liaisons

1a) Organization **NOT yet in liaison** with an ISO Committee needs to meet criteria:

- Not-for-profit
- Legal entity
- Membership-based open over broad region
- Has the **competence and expertise** to contribute to the development of International Standards
- Has a process for **stakeholder engagement** and “**consensus-building**”

1b) Organization **already in liaison** with ISO Committees  
→ Criteria are met

2) Establishment of liaison is subject to **approval by the Committee:**

→ Requires approval by 2/3 majority of the P-members voting



# ISO External Liaisons

## Rights and obligations

**A-liaison:** makes an effective contribution

**B-liaison:** “observers” - reserved for **inter-governmental** organizations

**Rights** - The organization can (“has to” for A-liaisons!):

- Appoint experts in Working Groups
  - Propose Project Leaders
  - Propose Convenors of Working Groups
  - Comment on all drafts developed by the committee
  - Be represented at Committee Plenaries
  - Propose a new work item for development as an ISO Standard
- It has no voting rights.

**Obligations** -The organization shall agree to the ISO procedures, in particular:

- IPR policy – original material to become an ISO Standard can be copied and distributed within the ISO system
- Patent policy – disclosure of patents; RAND licenses



THANK YOU

Let's dig in..!

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