

A light gray world map is visible in the background of the slide, showing the outlines of continents and oceans.

# **Vienna Agreement on Technical Cooperation Between ISO and CEN**

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# Outline of Presentation

- Overview of Earth Moving Machines (EMM)
- Key Elements of the Vienna Agreement (VA)
- Process and experience working with CEN
- Summary



# Earth Moving Machines

Machines for excavating, loading, transporting, spreading and compacting earth and other materials.



# **ISO/TC 127 for EMM**

- **ISO/TC 127 for Earth Moving Machines was formed in 1968 to respond to the need for global standards.**
- **The objective was to develop a complete set of ISO standards that could be used as the basis for any national standards and regulations.**
- **Over 100 ISO/TC 127 standards have been published to address all areas of standardization.**

# **Vienna Agreement – Technical Cooperation Between ISO and CEN**

- **History – Approved in 1991 and improved in 2001**
- **Objective – Optimize the use of available resources and expertise**
- **Essential Provisions – Covers the development and adoption of identical ISO and CEN standards**

# VA – Key Elements

- **Respect the values of ISO and CEN for openness and transparency**
- **Follow the rules and procedures for either group**
- **Standards will consider regulatory needs**
- **Standards will be globally relevant**

# **VA – Key Elements**

- **CEN and ISO will share information and work together to develop standards**
- **CEN and ISO shall coordinate the need for standards**
- **CEN Consultant will submit comments on DIS, when required**
- **CEN Consultant will approve FDIS, when required**

# VA – Process

- Choose either EN or ISO lead on standards projects, ISO recommended
- EN members of ISO to provide comments to comply with EU Machine Safety (or other) Directive during CD ballot
- Prepare documents for parallel processing
- Follow procedure for ISO and CEN preparation and review of documents
- Work with the CEN consultant
- Insure cooperation between ISO and CEN

# **ISO/TC 127 Experience with VA**

- **The most significant TC 127 safety standards (12) are EN ISO standards**
- **Most have non-EU ISO project leaders**
- **Consensus has been reached on all standards**
- **Met directly with CEN consultant and prepared an ISO/CEN process**
- **Work directly with the CEN Consultant to resolve comments**

# **ISO/TC 127 Projects Related to the VA and Global Relevancy**

- **Created an ISO version of EN 474, the EU general safety standard for compliance with the EU Machine Safety Directive**
- **Used EN 474 without change, except to note a few regional differences**
- **Future plan is to have ISO 20474 as an EN ISO standard**
- **ISO 20474 is a standard that will help harmonize international safety requirements**

# Promotion ISO/TC 127 Standards

- ISO Standards are being used as national standards
- ISO 20474 is being used in example UNECE model legislation for earthmoving machines
- The model legislation has been promoted to China and Russia
- In future, will promote model legislation in India and CIS

# Summary

- **The Vienna Agreement has not been a major challenge for ISO/TC 127**
- **It has encouraged the use of ISO standards in the EU**
- **The agreement between ISO and Europe is being used as an example for the rest of the world**