The Information Management System for Mine Action:
vision, strategy and implementation examples from various countries

*Side Event, 18 February 13:00-15:00, Room XXII*
Information Management

The process of turning data into *useful* and * usable* information.
Information requirements identification

Data collection

Data validation and storage

Data analysis

Information reporting

IMSMA
IMSMA currently refers to a single, all-rounder tool.

IMSMA is evolving into a system of resources, organisations, processes and tools.
IMSMA as an ‘ecosystem’ of tools

Organisation and processes
(Information requirements definition)

Mobile Data Collection

Geoservices
(Data analysis)

iMSMA Core
(Data validation and storage)
Open Application Programme Interface (API)

and maXML
IMSMA Strategy 2015-2018

- Objectives:
  - Provide a common IMSMA framework under which a family of tools can interoperate.
  - Create a user friendly information management system, requiring minimal specialist training.
  - Reduce maintenance costs of custom-built tools.
  - Free up resources for information management support.
# Multi-Year Plan

<table>
<thead>
<tr>
<th>Year</th>
<th>Results</th>
<th>Status</th>
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</thead>
<tbody>
<tr>
<td>2015</td>
<td>User requirements specification process: detailed analysis of pillars and processes and related system requirements. IMSMA\textsuperscript{NG} V6 maintained and supported.</td>
<td>✓</td>
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<tr>
<td>2016</td>
<td>Tender process; system design and development. IMSMA\textsuperscript{NG} V6 maintained and supported.</td>
<td>![Tool Icon]</td>
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<tr>
<td>2017</td>
<td>Field testing and feedback loop. IMSMA\textsuperscript{NG} V6 maintained and supported.</td>
<td>![Tool Icon]</td>
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<tr>
<td>2018 and beyond</td>
<td>Field deployment and migration from IMSMA\textsuperscript{NG} V6.</td>
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Some tools are already in place

IMSMA as an ‘ecosystem’ of tools

Organisation and processes
(Information requirements definition)

✓ MINT

✓ T-IMS
✓ MARS

✓ PriSMA

✓ MINT

Geoservices
(Data analysis)

IMSMA Core
(Data validation and storage)

Mobile Data Collection