Innovation in Mine Action

MASG, 24 October 2023
What is Innovation?

Innovation is...

- a new or improved product or process that differs and has a positive impact.

- multi-form – it can be in the shape of a policy, methodology, process, technology or other

- a continual improvement (incremental improvement of the rules of the game) or disruptive innovation (changing the rules of the game).
Examples of Innovation in EORR

Technological Innovation
(ex.] remote sensing)

Methodological Innovation
(ex.] land release)

Policy Innovation
(ex.] Oslo Action Plan)
Challenges for Innovation in EORR

- "Silver Bullet" bias
- Cost-effectiveness
- Limited funding
- Resistance to change
- Lack of Alignment
  - Collaboration
  - Acceptance
  - Needs-Based Approach
  - Liability
  - Standards
  - Training
Explosive Ordnance Risk Reduction (EORR) Innovation Building Blocks

- National and local authorities
- Mine Action Operators
- Standards and Regulations
- Academia
- Research and Technology Orgs.
- Equipment manufacturers
- Funding Mechanisms
- Intellectual Property Rights
- End-users, communities
<table>
<thead>
<tr>
<th>Currently</th>
<th>New Initiatives Planned for 2024-2026</th>
</tr>
</thead>
<tbody>
<tr>
<td>o Publications (over 20 studies and other resources published during 2021-2023)</td>
<td>o EORR Innovation Hub</td>
</tr>
<tr>
<td>o Tools (such as IMSMA, Ammunition Management Activity Platform, Collaborative ORDNance data repository (CORD), E-Catalogue)</td>
<td>o EORR Innovation Advisory Group (EORR IAG)</td>
</tr>
<tr>
<td>o Innovation Conference (replacing Technology Workshop) – biennial event</td>
<td>o Annual Innovation Thematic Session</td>
</tr>
<tr>
<td></td>
<td>o GICHD Innovation Award/Challenge</td>
</tr>
</tbody>
</table>
Key Takeaways

Innovation is crucial for the EORR sector as it:

- Contributes to reaching objective of having a world free of landmines
- Can help the sector to keep pace with increasingly complex challenges worldwide

Our joint, coordinated efforts are needed in order to:

- Join all the dots, link all the building blocks and ensure uptake from all stakeholders
- Better codify innovation, notably through the Action Plan to be developed at the next APMBC Review Conference
- Make the transition from policy to tools to practice
- Advocate for funding for innovation