



UNMAS

Plenary Session 7

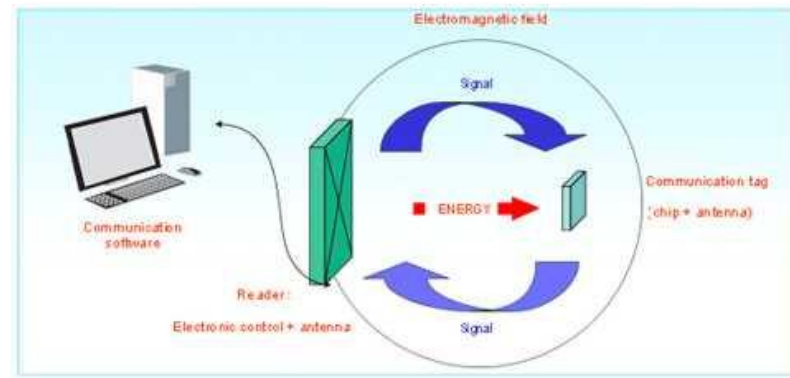
New Tech @ United Nations

February 2016

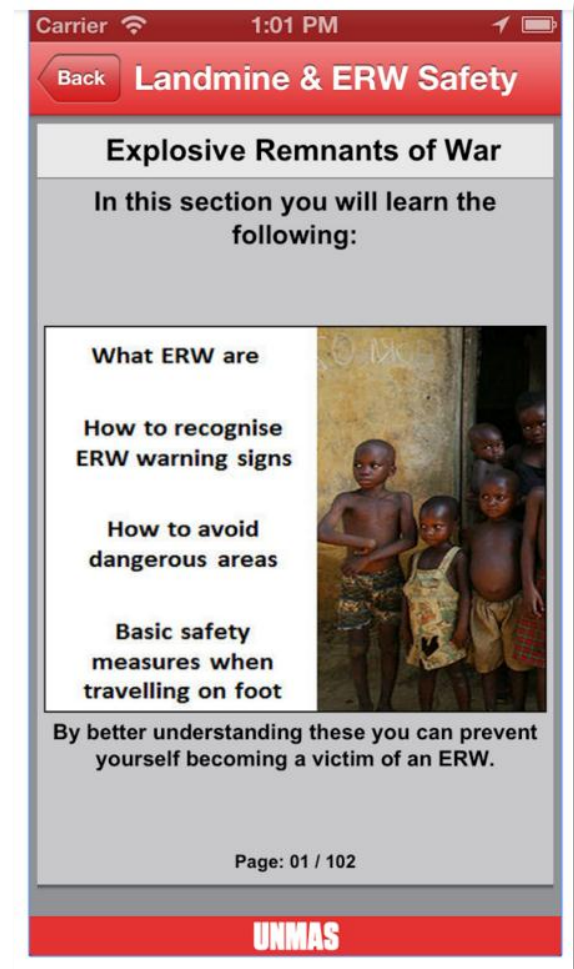
- **Mine Action sector** is innovative;
- **Within UN**, UNMAS is a pioneer (UN 21 Awards);
- **Expert Panel on Innovation and Technology and UN**: implementation of recommendations;
- **HIPPO report**: focused on safety in peace operations in context of violent and asymmetric threat environments
- **UNMAS objectives**: to improve the safety and security of UN personnel and enable mandate implementation



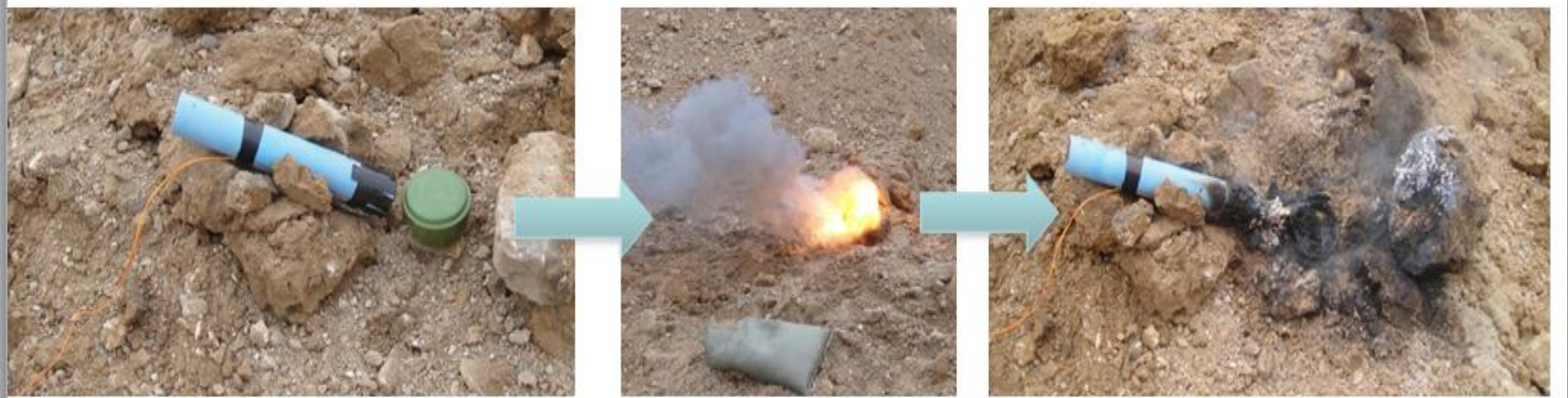
- **Ability to navigate** a route at a speed of 40 km/h with a RFID plug-and-play reader
- **Replaces traditional marking** and less subject to climatic deterioration;
- **Easy to install and use**; cost effective (5 year lifespan);
- Can effectively be used as a **border demarcating tool**, and the demarcation of hazardous areas;
- **Planned pilot study** on the use of RFID for Safe Demilitarized Border Zone for UNISFA.



- IMAS on smartphones and tablets;
- Use of **tablets** to manage tasking and QA;
- Landmine safety **app**;
- Improved **trauma management** equipment;
- Climbing gear and other **safety devices** (e.g. low oxygen monitors);
- High-speed **rollers**;
- **Robots**;
- **Non-explosive destruction techniques.**



- Ad hoc and dangerous community based clearance activities are taking place **where access is not possible** for international partners.
- Explosives pose the greatest risk; pyrotechnic torches mean a **national capacity can be safely trained** to deal with the greatest threats.



When innovation becomes standard:

- **Monitoring** of mine action organisations (IMAS 07.40);
- **Removal of post clearance sampling** (IMAS 09.20);
- **Protocol** on EOD competencies;
- **Baseline survey** of the national standards;
- **IMAS training** in Arabic, French, Spanish and English;
- **IMAS are useful** – downloaded over 25000 times in 2015;
- **RAPID** - 14 countries reported ZERO demining accidents in 2015.

IMAS Clarity on:

- Management of **residual contamination**;
- **IEDs**;
- **QMS** in mine action;
- **Information** management;
- Protection of the **environment**;
- IMAS on **smartphone** and **tablets**.

Plus:

- **Translations** of IMAS and IATG into Russian;
- **Training** opportunities.