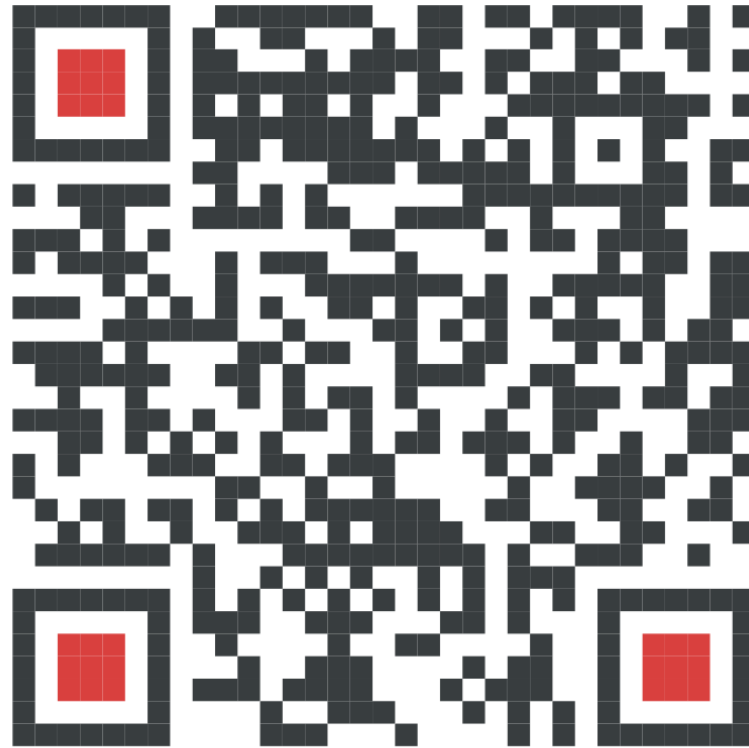


SMART IED Threat Mitigation Technology Roadmap



SMIT_MITR





UNMAS

SMART IED Threat Mitigation Technology Roadmap (Pre-)Launch of an Information Exchange Platform



Alexander Riebl - UNMAS - IED Threat Mitigation Advisor
Frank Talbert - UNMAS - IED Threat Mitigation Advisor

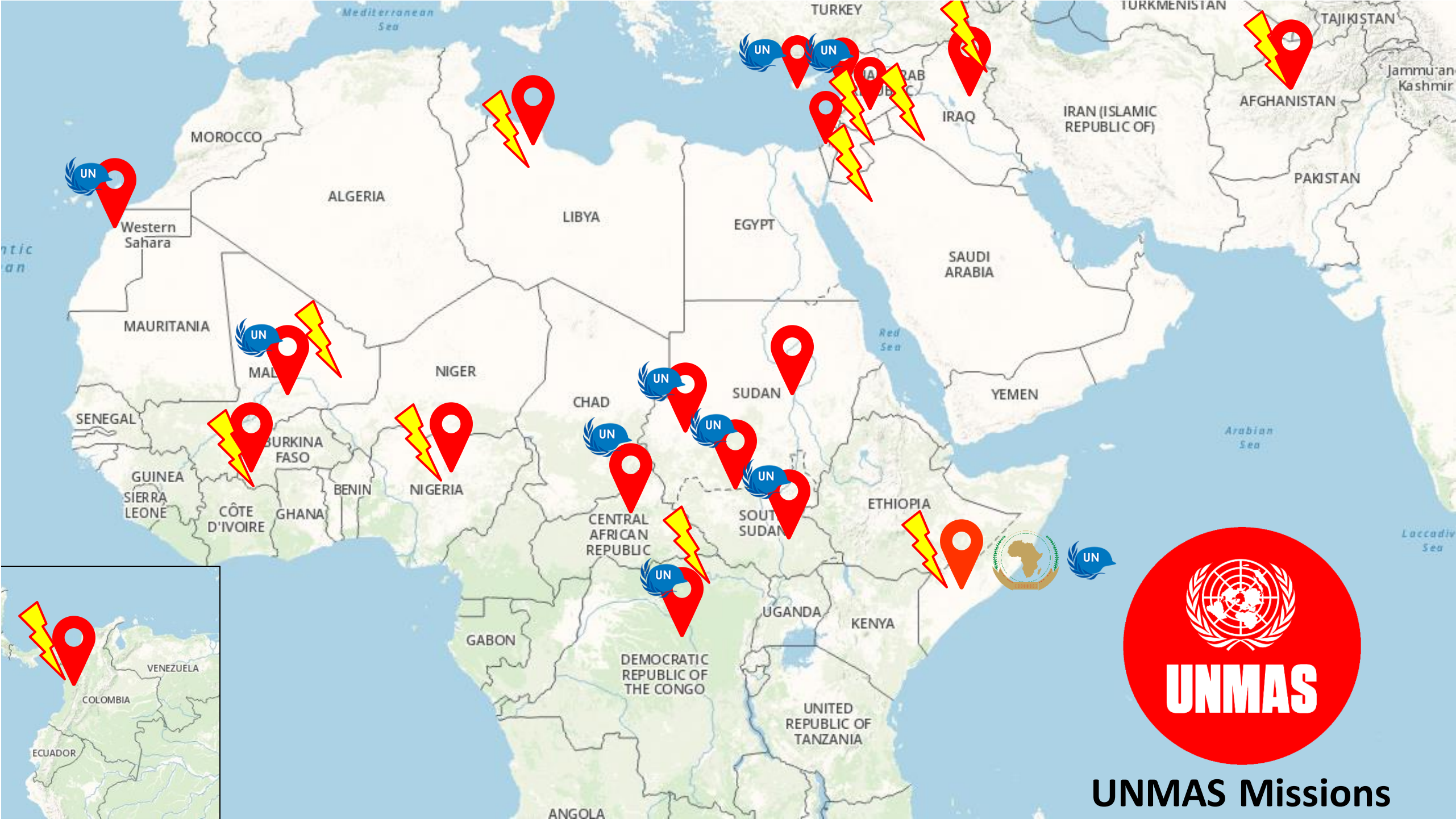


Geneva - 12 February 2020

Agenda

- Background
- What is SMiTMiTR?
- Demonstration – Web Platform
- Registration and Contribution





UNMAS
UNMAS Missions



smitmit.unmas.org

#NDMUN23



UNMAS

Complex Victim Operated IEDs



Complex Victim Operated IEDs







Improvised grenades



صور من ورشة التفخيخ



Improvised devices



صور من ورشة التفخيخ



Directional devices



صور من ورشة التفخيخ



@homs_isis

Improvised Claymores

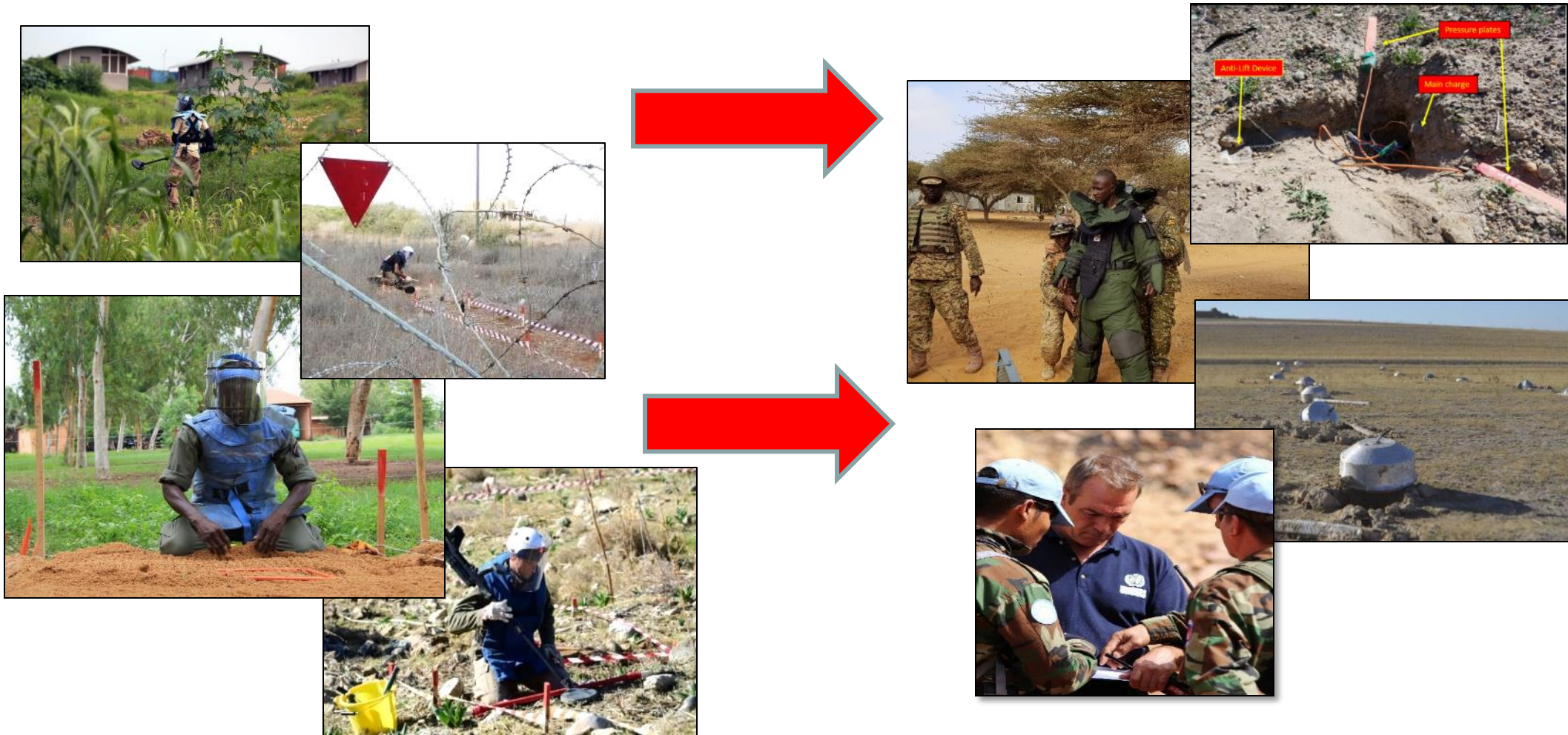


صور من ورشة التفخيخ

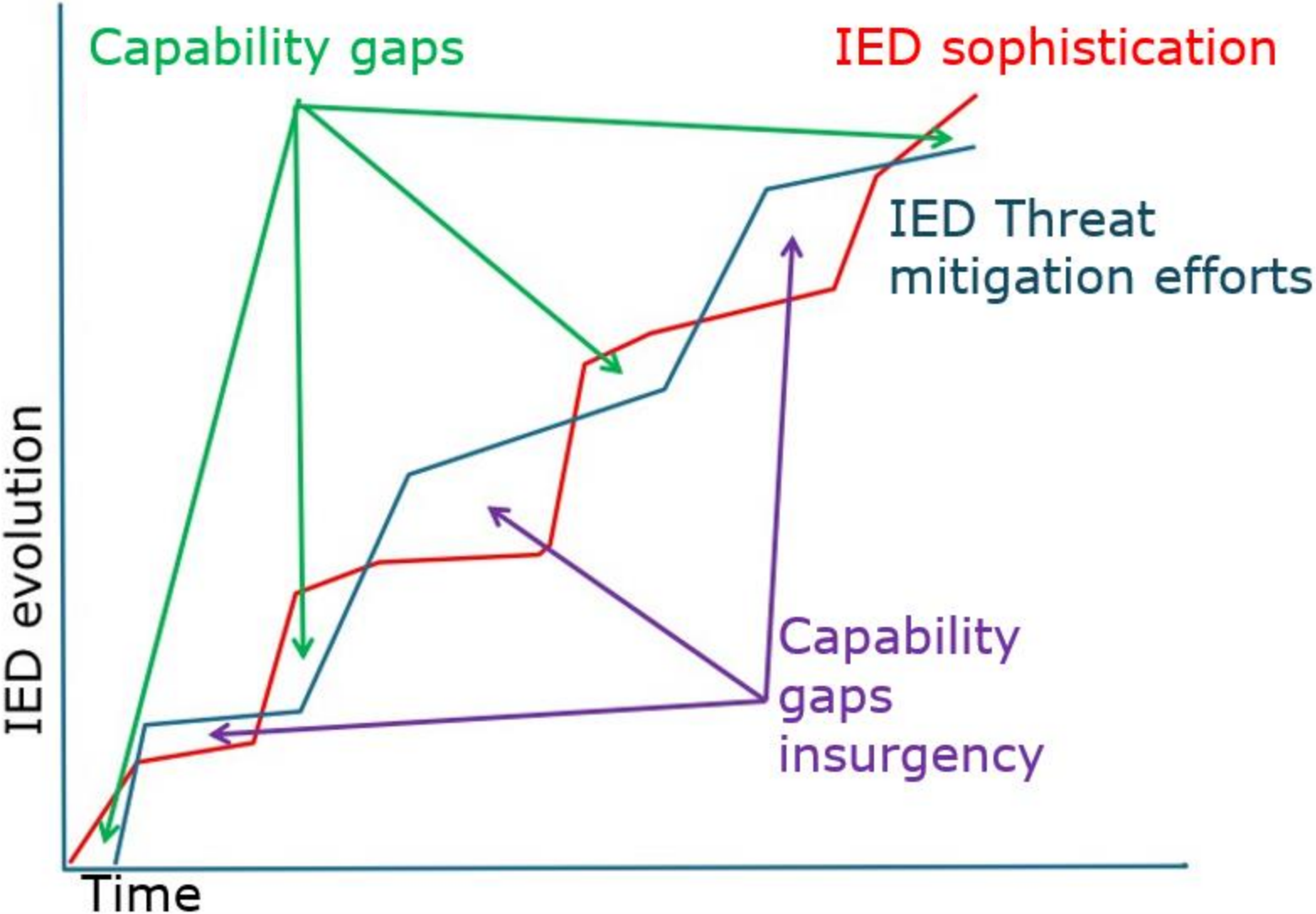


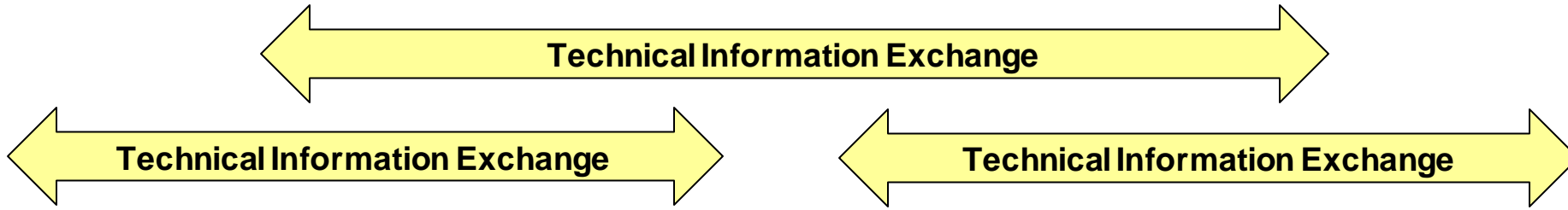
@homs_isis

Mine Action



IED Arms race





Continuum of Conflict

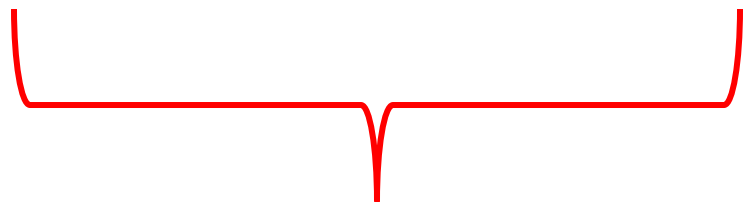
HUMANITARIAN SPACE

SECURITY

PEACEKEEPING

MILITARY CONFLICT

***Peace and Security
(non-humanitarian environment)***



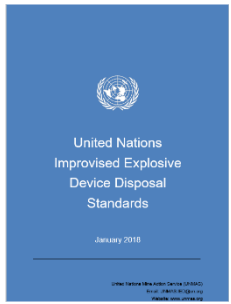
UN IEDD Standards

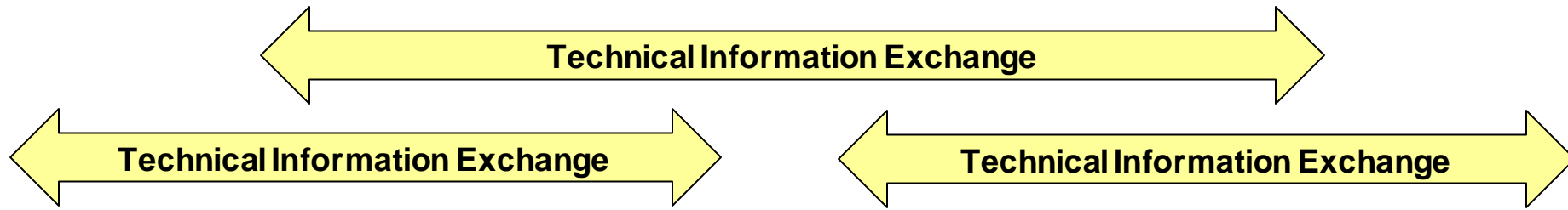
National Military Standards on IEDD.



2019

“Updated to include IEDD”





=

- Tool / Platform
- to share information
- to share best practice
- IED related TECHNOLOGY (threats & mitigation)

only
UNCLASSIFIED



≠

- Incident Data / Reports
- TTPs
- IED tutorial
- UN Endorsement of Products
- classified/sensitive information

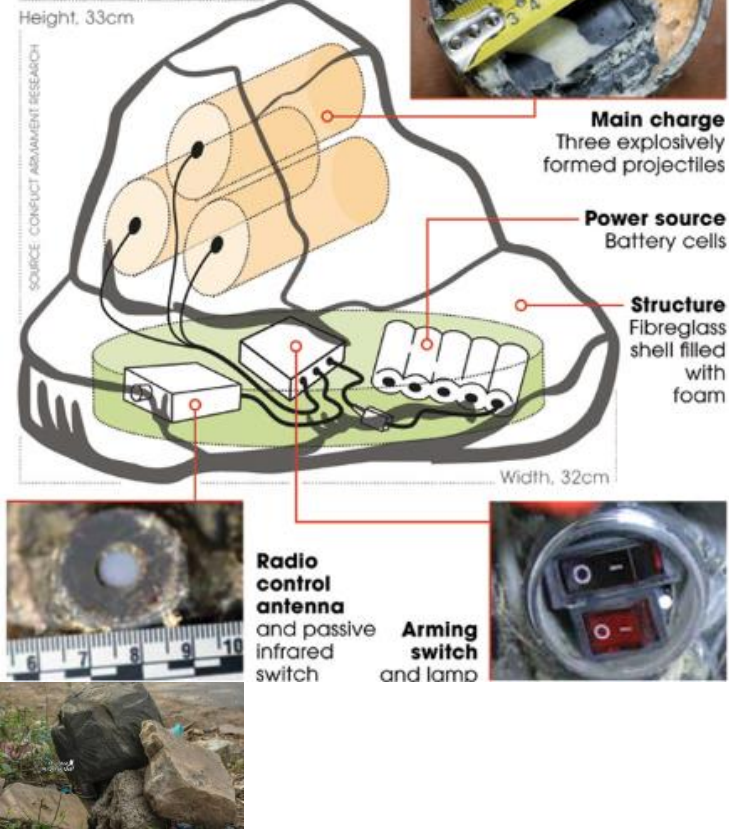


Understanding the Threat

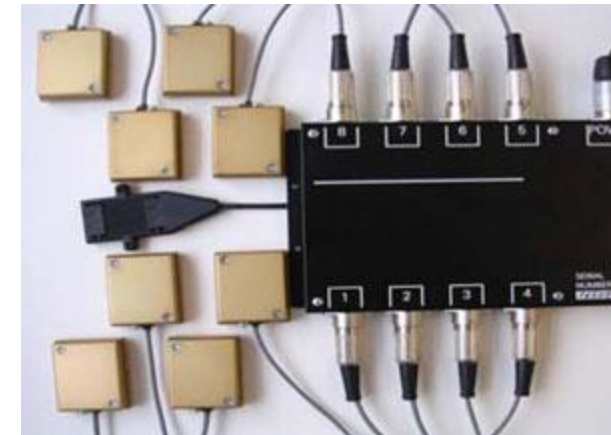
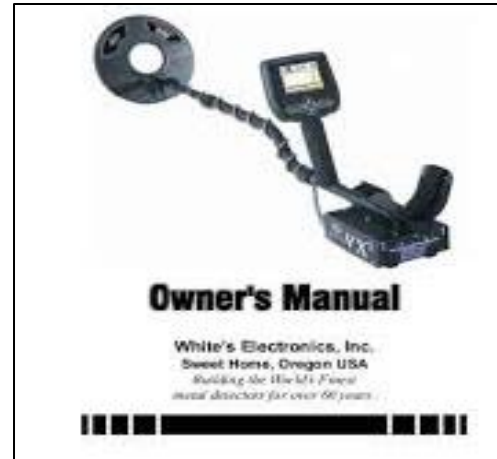


Hiding in plain sight

Houthi synthetic rock IEDs closely resemble devices recovered in Iraq and Lebanon which have been forensically linked to Iran



Knowing the Industry



SMITMiTR Contributors



UN IED Threat Mitigation ToE

+ ALL ACTORS in an IED Threat Environment

SMART IED Threat Mitigation Technology Roadmap (SMITMiTR)



Developing UN SMART IED Threat Mitigation Technology Knowledge and Information Management

What is SMiTMiTR
Knowledge Management?

Transforming consolidated IED Threat (mitigation) knowledge and information into an enduring value for the IED threat mitigation stakeholders

What are the SMiTMiTR
Knowledge Management
objectives?

Getting the right information, to the right people, at the right time to help them share experiences and insights to improve the safety in the IED threat (mitigation) working environment

What are the SMiTMiTR
priorities?

To enable collaboration and connecting people to information and expertise to get assistance in solving IED TM problems

What are the SMiTMiTR
benefits?

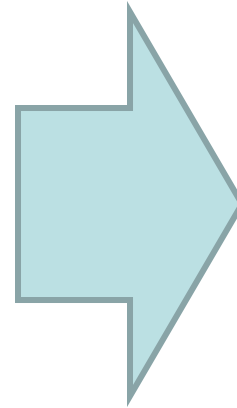
- Improve innovation through wider and broader collaboration
- Prevent organizations to “reinvent the wheel”.
- Reduce loss of know-how by capturing implicit and explicit knowledge

SMITMiTR – Web-Platform



NLD Database

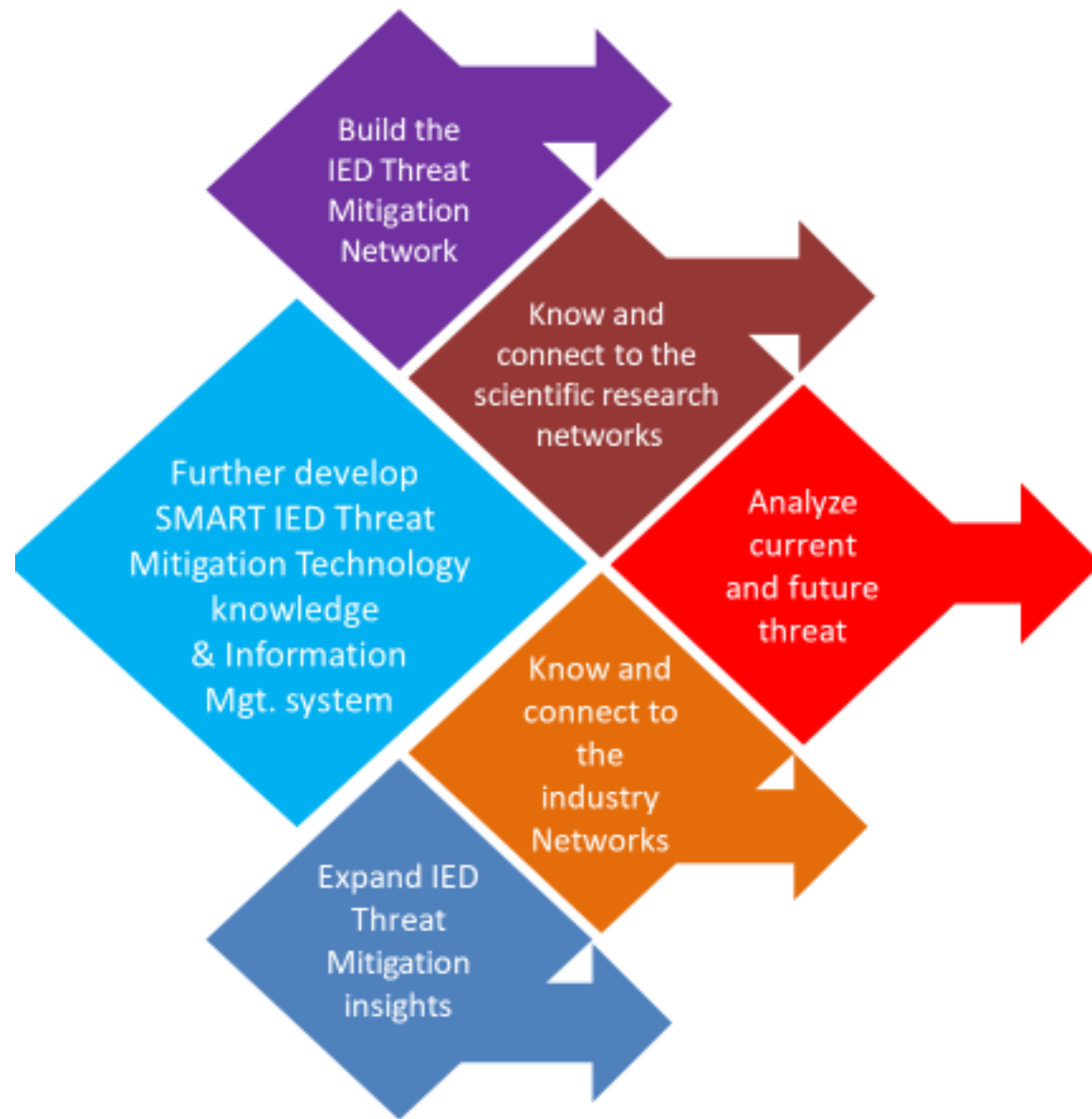
(offline)



UN Platform

(webbased)

SMIT
_MITR



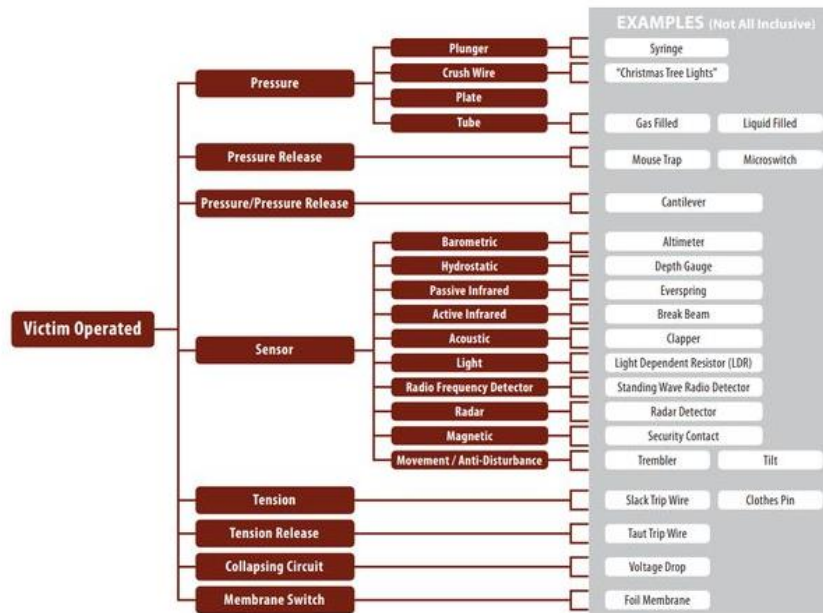
SMiTMiTR – Web-Platform

Status current

Description

Victim Operated IED (VOIED)

A type of switch that is activated by the actions of an unsuspecting individual. These instruments rely on the intended target to carry out some form of action that will cause it to function. (UNMAS IED Lexicon)



IED's

View Edit Delete

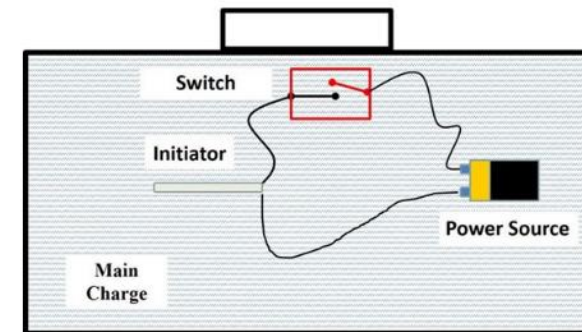
Available Tue, 07/23/2019 - 12:00

Status current

Description

Improvised Explosive Device (IED):

A device placed or fabricated in an improvised manner incorporating destructive, lethal, noxious; pyrotechnic or incendiary chemicals and designed to destroy, incapacitate, harass or distract. It may incorporate military stores, but is normally devised from non-military components. Refers to a type of IED incident that involves a complete functioning device. (UNMAS IED Lexicon)



[Home](#)

Threat

Title

<input type="checkbox"/>	Title	Status	Available
<input type="checkbox"/>	00 Test - Victim Operated IED (VOIED)	current	2019-01-01
<input type="checkbox"/>	000 Test Threat HME	current	2019-07-18
<input type="checkbox"/>	Ballistic	current	
<input type="checkbox"/>	Chemicals	current	
<input type="checkbox"/>	Command Wire IED	current	
<input type="checkbox"/>	Explosives	current	
<input type="checkbox"/>	IED's	current	2019-07-23
<input type="checkbox"/>	Mines	current	
<input type="checkbox"/>	Narcotics	current	
<input type="checkbox"/>	Radio Controlled IED	current	

▶ Selected 0 items in this view

Select / deselect all results in this view (all pages, 14 total)



Home

00 Test - Victim Operated IED (VOIED)

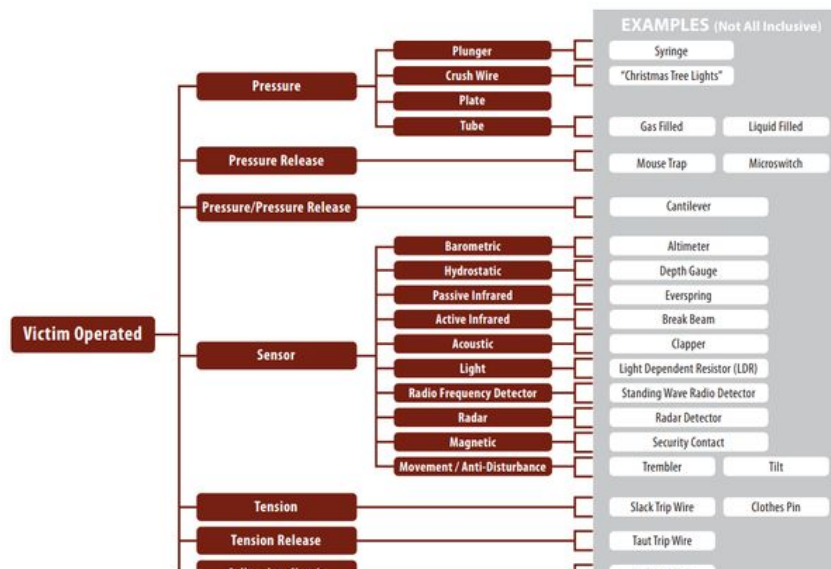
Available Tue, 01/01/2019 - 12:00

Status current

Description

Victim Operated IED (VOIED)



A type of switch that is activated by the actions of an unsuspecting individual. These instruments rely on the intended target to carry out some form of action that will cause it to function. (UNMAS IED Lexicon)



<https://smitmit.unmas.org>



Information / Input

	NORTH ATLANTIC TREATY ORGANIZATION SCIENCE & TECHNOLOGY ORGANIZATION		
<h2>TECHNICAL ACTIVITY REPORT</h2>			
Panel/Group	SCI	Activity Title	
Reference Number	SCI-ET-054	SMART IED Threat Mitigation Technology Assessments (SMITMITA)	
Activity Type	Exploratory Team		
Panel Approval Date 04 Oct 2019	Board Approval Date	Activity Start Date 01 Jan 2020	Activity End Date 31 Dec 2020

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To be filled!
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SMITMiTR needs YOUR INPUT and SUPPORT!

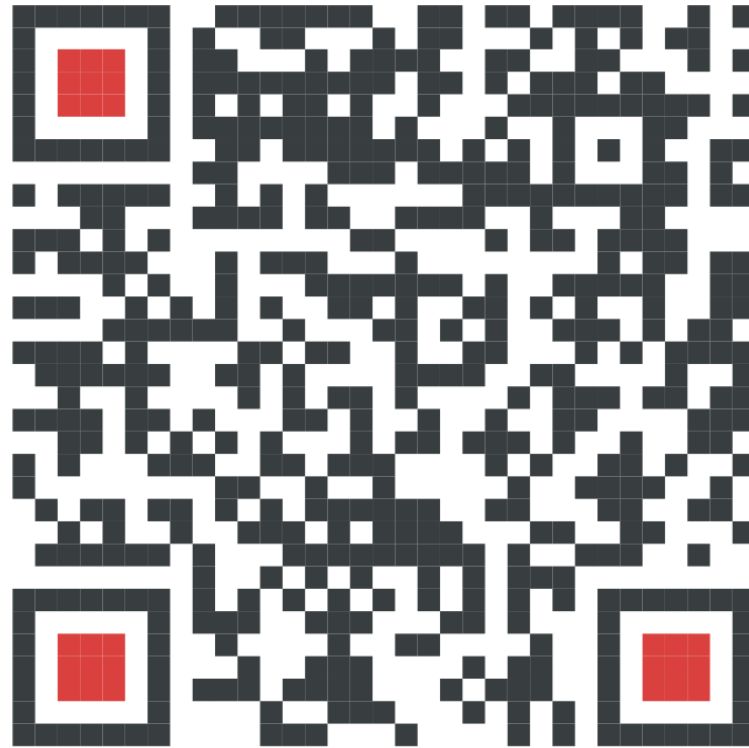
-> Official Release: Mine Action Week 2020

Contact: unmas.ied@un.org

Thank You!



SMART IED Threat Mitigation Technology Roadmap



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