



United Nations Mine Action Service (UNMAS)
In support of DMAC

دفتر خدمات ماین پاکی ملل متحد
د ماین پاکی د همغږۍ او انسجام د ریاست په ملاتړ کې

اداره ملی آمادگی مبارزه با حوادث
Afghanistan National Disaster Management Authority (ANDMA)
ریاست انسجام و هماهنگی تطهیر ماین
Directorate of Mine Action Coordination (DMAC)



The Pressure to clear: Clearance in Protracted Conflict Environment

21st National Mine Action Directors
and UN Advisors Meeting

13 – 16 Feb 2018

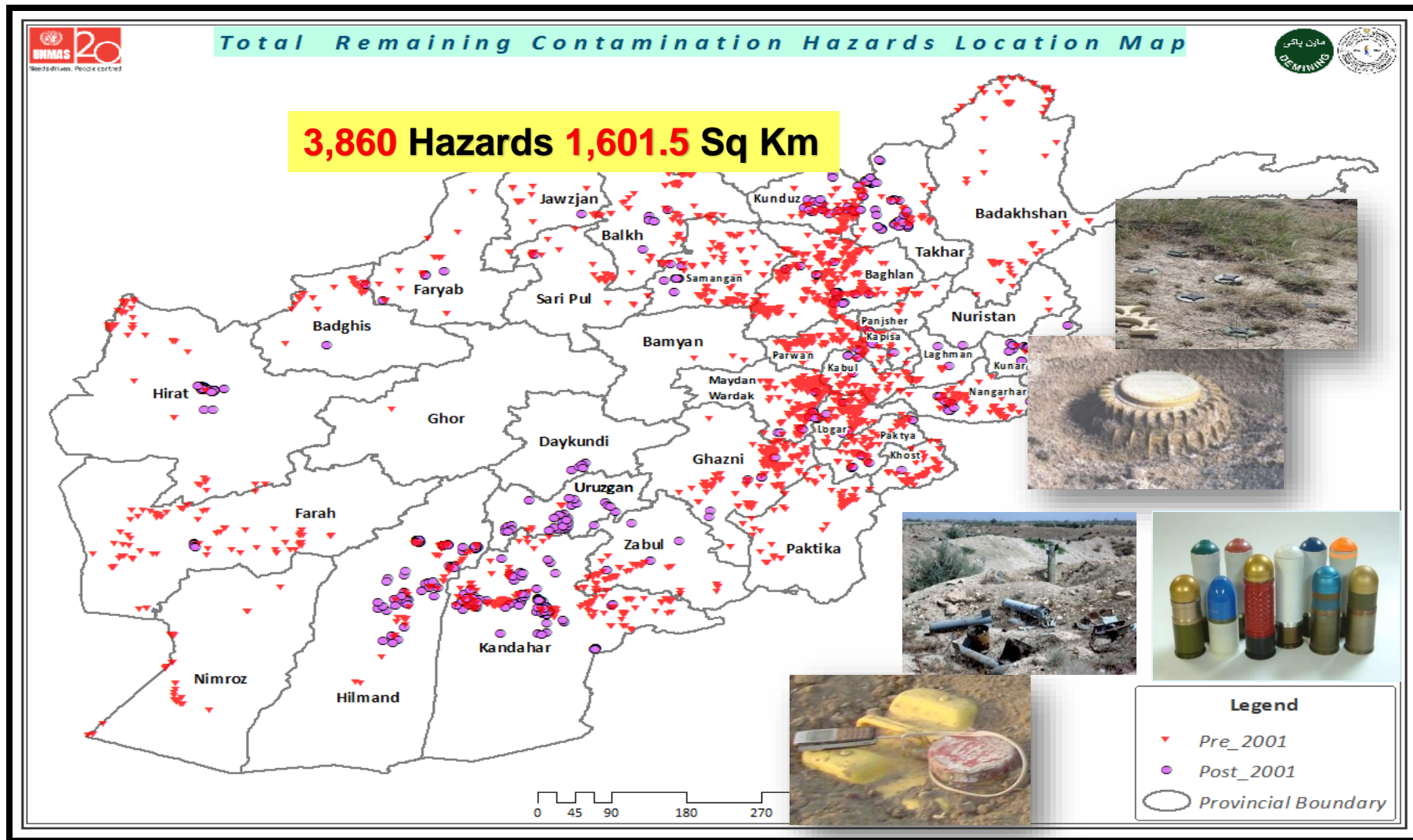
Presenter:

Mohammad Shafiq Yosufi

DMAC Director, Afghanistan

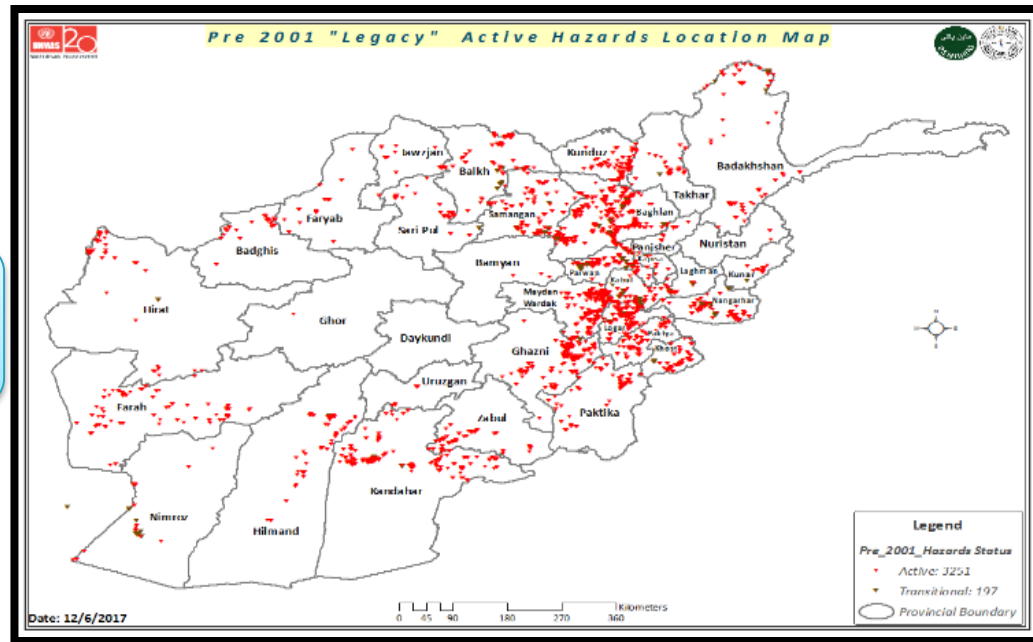
Scope of Current Contamination

(As of 31st Dec 2017)



Legacy and New Contamination (as of 31st Dec 2017)

Legacy contaminations
(571 Sq Km)

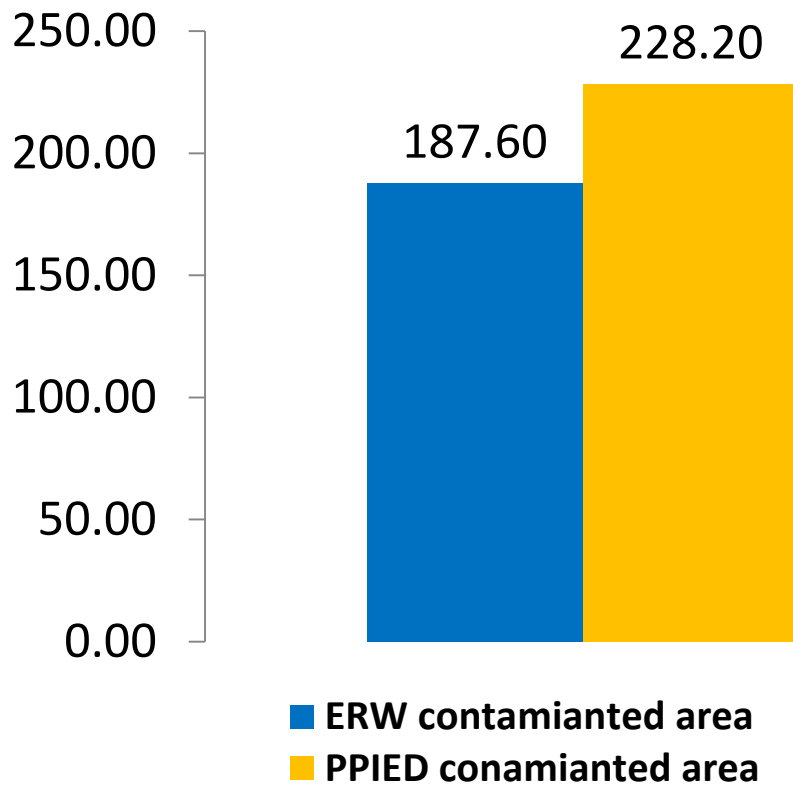


New contaminations -post 2001: (1,030 Sq Km)

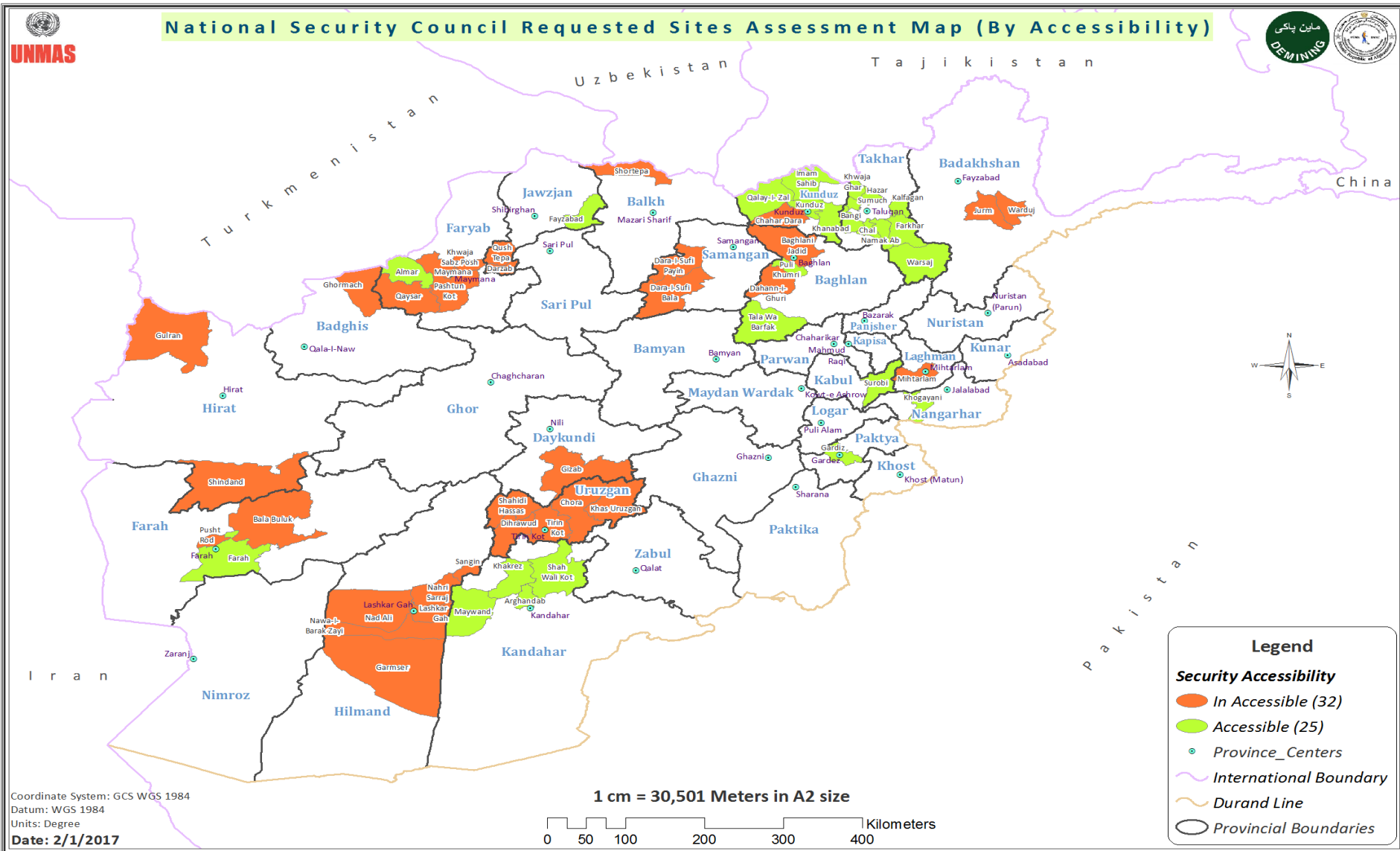
- MF/BF/AIM Surveyed & Recorded in IMSMA (69 Sq Km)
- Firing Ranges Surveyed & Recorded (540 Sq Km)
- MF/BF/AIM Assessed But Not Recorded in IMSMA (421 Sq Km)

Recent/New Contamination

In Total 270 hazards with a total size of 421 sq km area identified



:New contamination in terms of accessibility



Estimated budget needed for Survey & Clearance of new hazards

Estimated Budget in US Dollars				Type of Hazardous Area
Total	Areas With High Security Risk	Areas With Medium Security Risk	Areas with Low Security Risk	
5,522,400	260,000	5,158,400	104,000	AP Hazardous Area
58,500	26,000	-	32,500	AV Hazardous Area
22,177,700	16,557,982	5,482,983	136,736	ERW Hazardous Area
118,687,818	28,498,080	1,825,098	88,364,640	IED Hazardous Area
146,446,418	45,342,062	12,466,481	88,637,876	Total

Required Time and Resources for Demining Operations of the newly identified hazardous Areas

Number of Required Teams for 24 Months	Required DT/month	Average Monthly productivity/team (sqm)	Area (sqm)	Type of Hazardous Area
$e = (d/24)$	$d = (b/c)$	c	b	a
18	425	12,500	5,310,000	AP
0	5	20,000	90,000	AV
71	1,706	110,000	187,657,463	ERW
<u>380</u>	9,130	25,000	228,245,804	IED
469	11,265	167,500	421,303,267	Total

Effect of new contamination on the APMBC OPS Plan

Area in Sq Km:

279 Sq Km
(total cleared area)

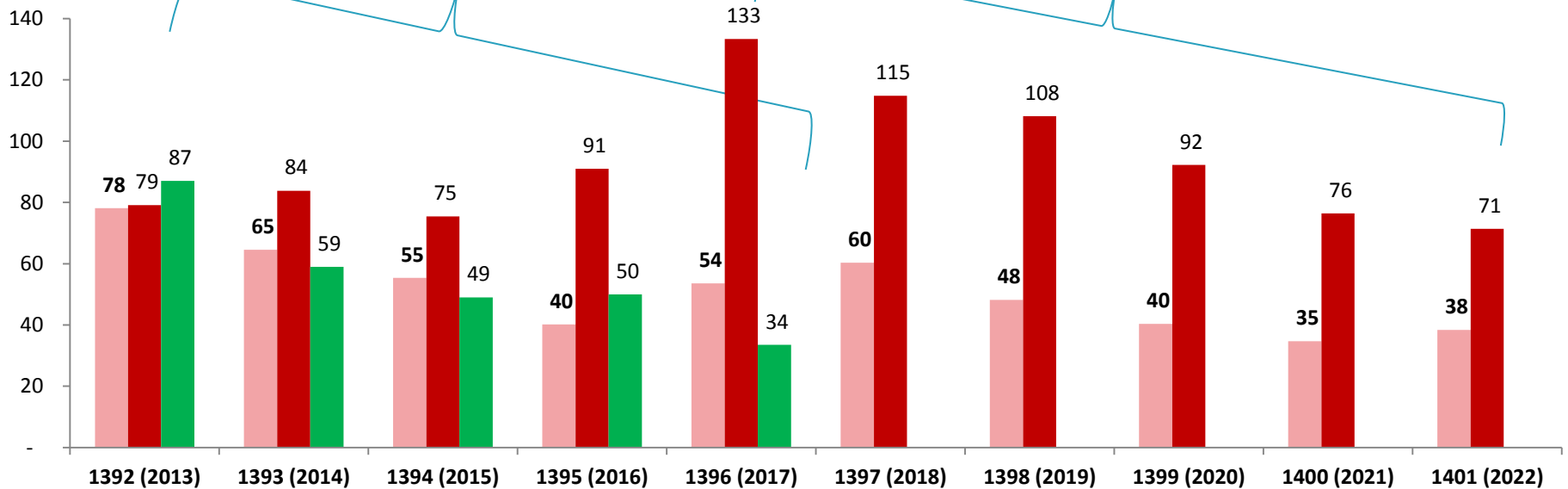
640 Sq Km
(MBT remaining recorded areas)

+

420 Sq Km
(initially assessed area)

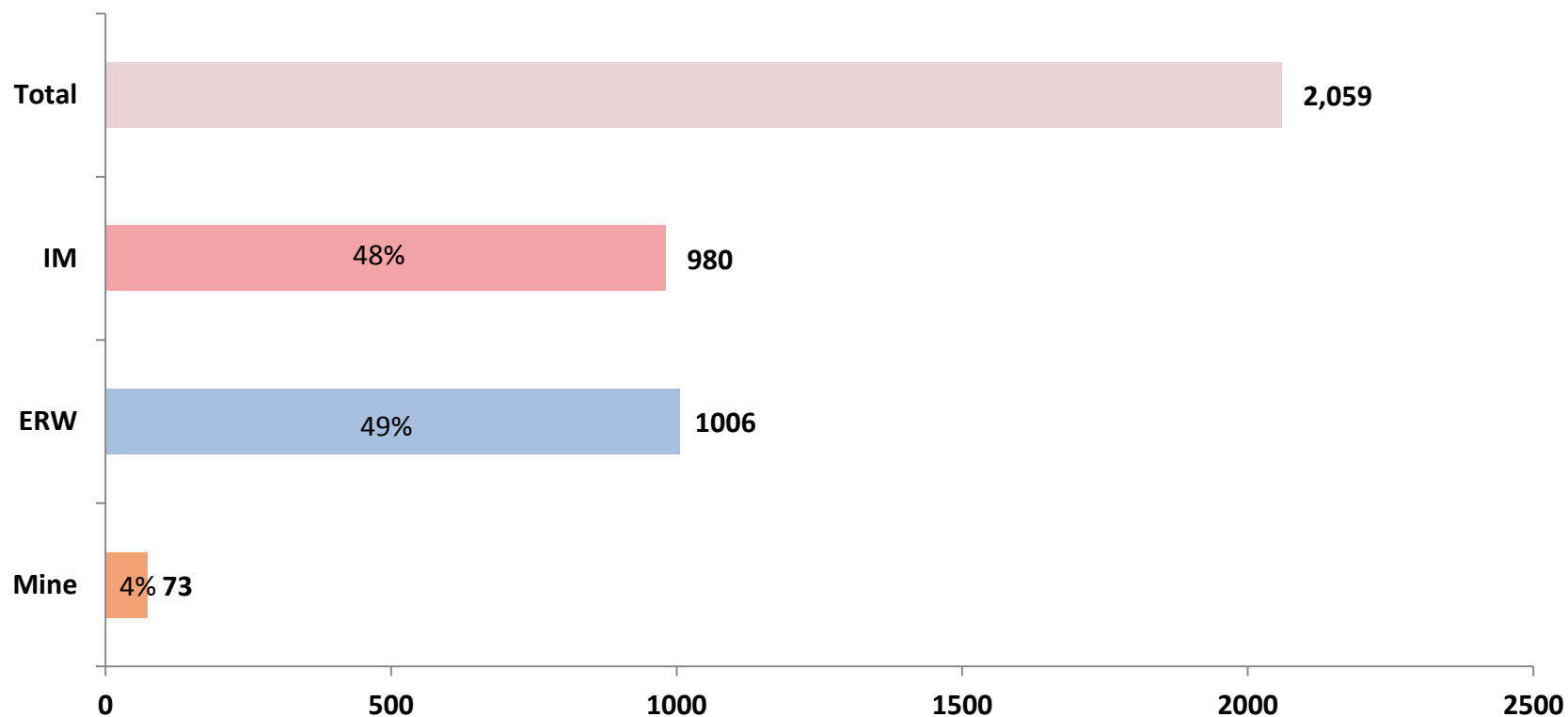
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1060 Sq Km
(to be cleared)



■ Baseline Target April 2013 in sq km ■ Updated Target Sep 2016 in sq km ■ Area Cleared in Sq. Km

Civilian Casualties (Mine, ERW & Abandoned Improvised Mine) Jan to Dec 2017



Average **171 casualties** /month

The most tragic incident in May 2017

Detonation of a Victim Activated Improvised on a vehicle carrying civilians to a wedding party in May 2017 killed all 11 members of one family in Logar Province



Victim Activated Improvised Mine

An Increasing Challenge in Afghanistan

Although MAPA policy is not to deal with any type of IED, but increased number of civilian casualties due to explosion of victim activated improvised mines raises urgent need for humanitarian demining interventions.



Need for Humanitarian Demining intervention



- New contamination
- Increasing civilian casualties
- Requests by locals
- Humanitarian demining obligation
- Local support

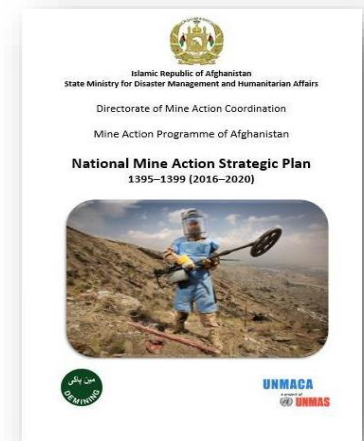
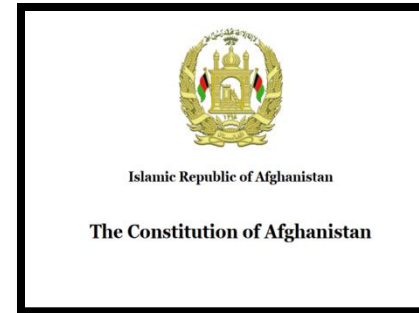
- Ongoing conflict
- Challenge of security for demining operations



Legal Framework

National Level Legal Framework:

- Disaster Management Law
- Afghanistan Constitution.
- The National Mine Action Strategic Plan



International Level Legal Framework:

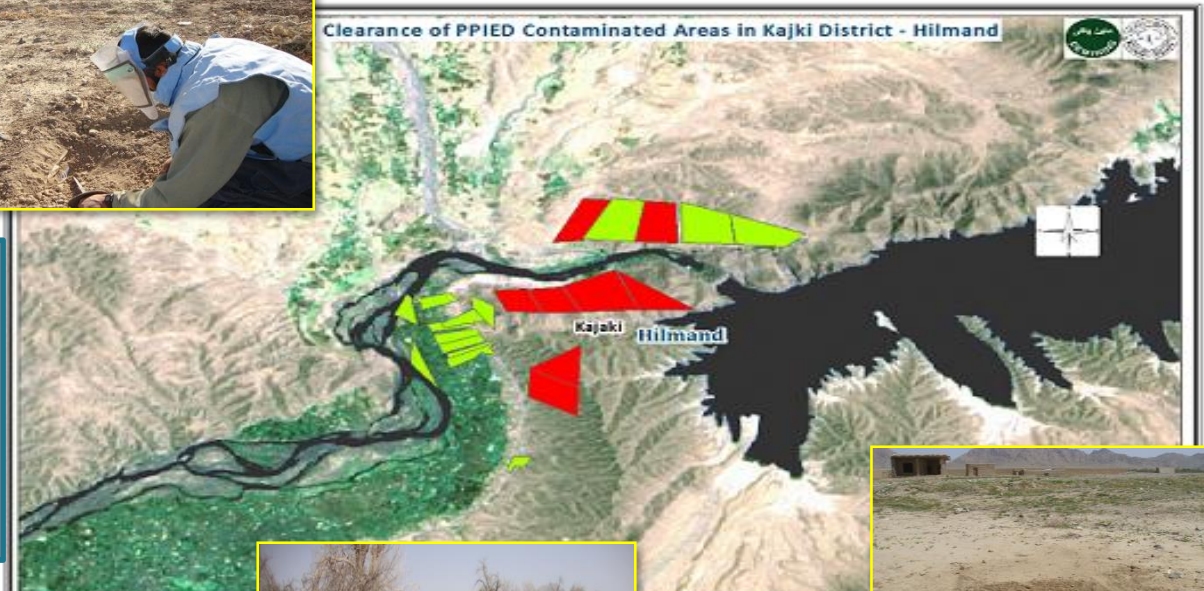
- Anti Personnel Mine Ban Treaty (APMBT)
- Convention on Certain Conventional Weapons (CCW)
- United Nations Security Council Resolution - 2365
- International Humanitarian Law



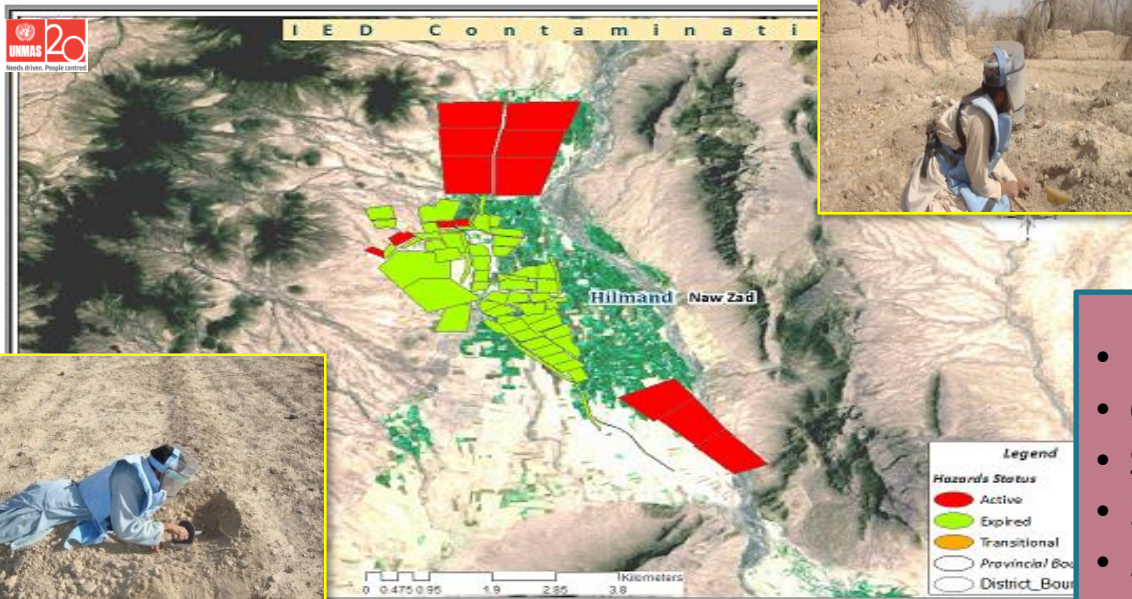
How to Maintain Neutrality & Humanitarian Space

- Clear Policy/strategy separate from C-IED Strategy
- The term 'Abandoned' to be agreed by both parties all parties in conflict
- Criteria for defining the AIM
- Work based on humanitarian necessity
- Close liaison with communities

Clearance of Abandoned Improvised Mine Sites in Helmand



- Tense security situation
- Several local requests
- 60 civilian casualties
- Roads, Residential and agricultural areas blocked



- Liaison with communities
- CBD teams hired and trained
- Survey of 12 sq km AIMF
- 3 sq km Area cleared
- 511 IEDs & 2,300 ERW destroyed



Abandoned Improvised Mine Current Status

From March 2010 to date:

- Cleared Fields: **85**
- Area: **5,8 sqm**
- **Devices destroyed:**
 - PPIED **752**
 - UXO **10,890**
- Remaining Abandoned PPIED Sites:
 - Number of Recorded hazards: **34**
 - Area: **7.8 Sq km**
 - Number of Assessed IED sites : **152**
 - Area: **228 Sq km**



Challenges

- Unavailability of Int. Standards on Victim Activated IED survey & clearance
- Lack of standardized training
- Fund
- Security
- Neutrality



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