



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

دفتر خدمات ماین پاکی ملل متحد  
د ماین پاکی د همغږی او انسجام دریاست په ملاتر کې



اداره ملي 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

21<sup>st</sup> National Mine Action Directors  
and UN Advisors Meeting

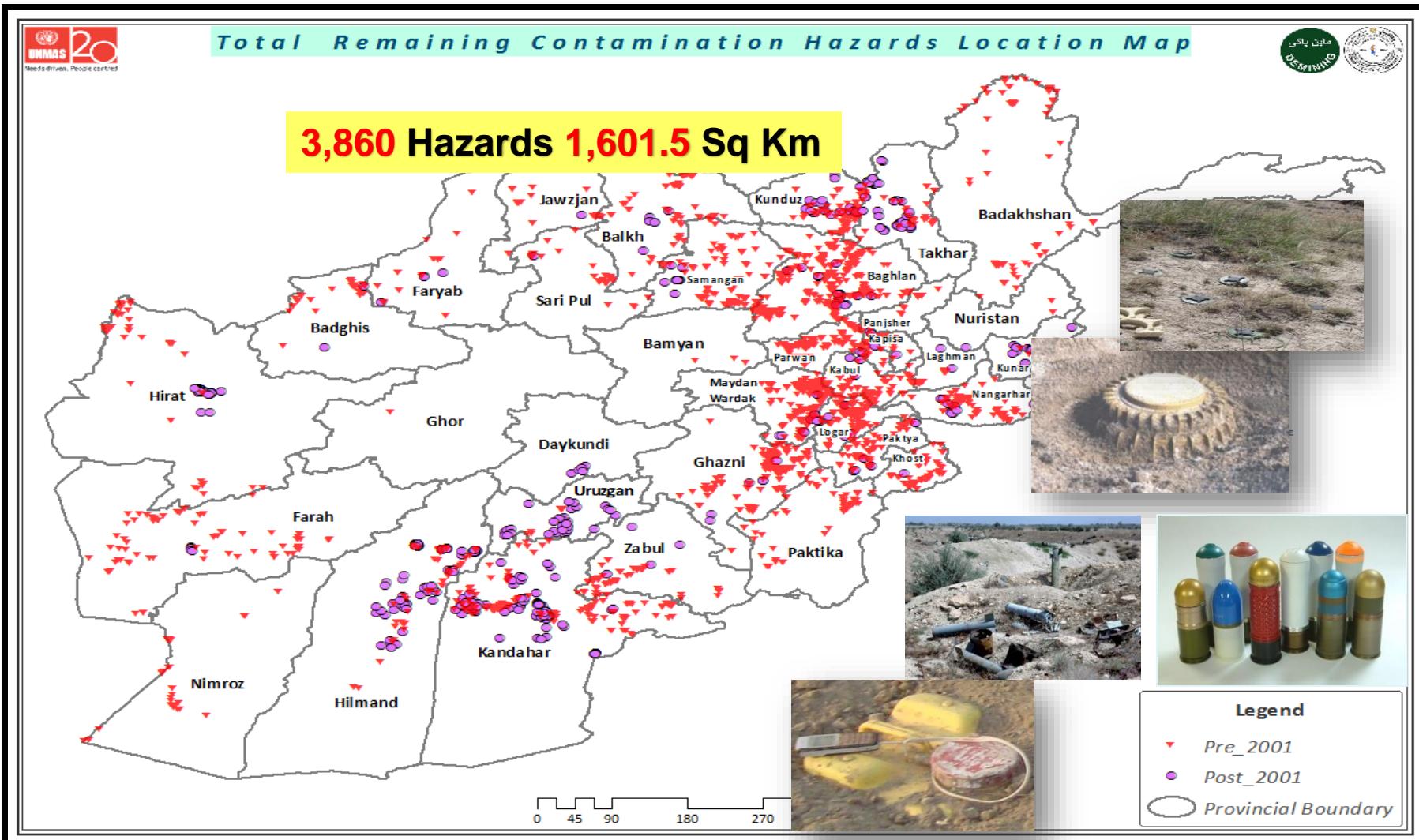
13 – 16 Feb 2018

Presenter:

Mohammad Shafiq Yosofi  
DMAC Director, Afghanistan

# Scope of Current Contamination

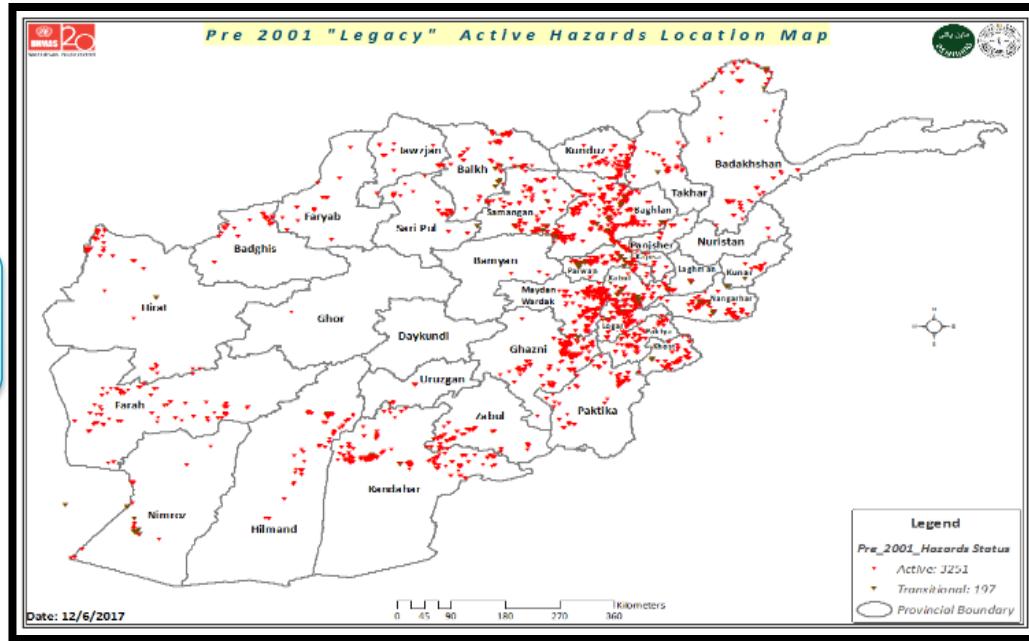
## (As of 31<sup>st</sup> Dec 2017)



# Legacy and New Contamination

*(as of 31<sup>st</sup> Dec 2017)*

Legacy contaminations  
**(571 Sq Km)**

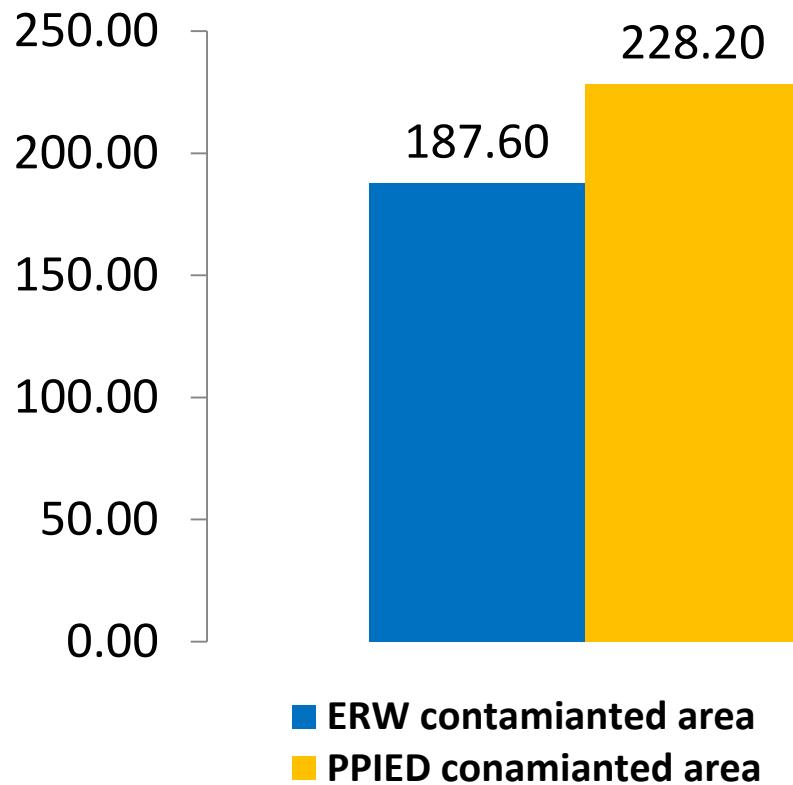


New contaminations -post 2001: (1,030 Sq Km)

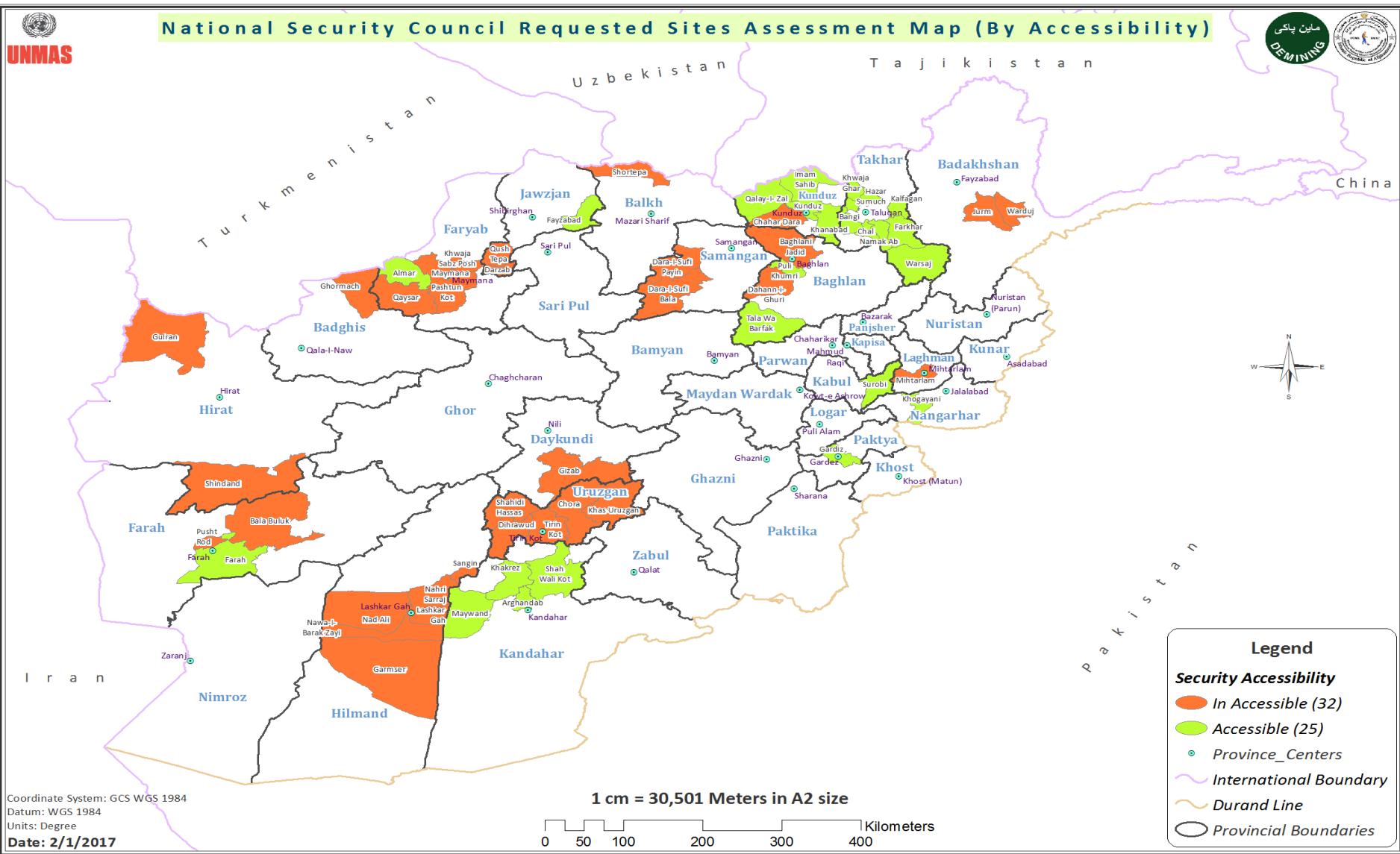
- MF/BF/AIM Surveyed & Recorded in IMSMA (69 Sq Km)
- Firing Ranges Surveyed & Recorded (540 Sq Km)
- MF/BF/AIM Assessed But Not Recorded in IMSMA (421 Sq Km)

# 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

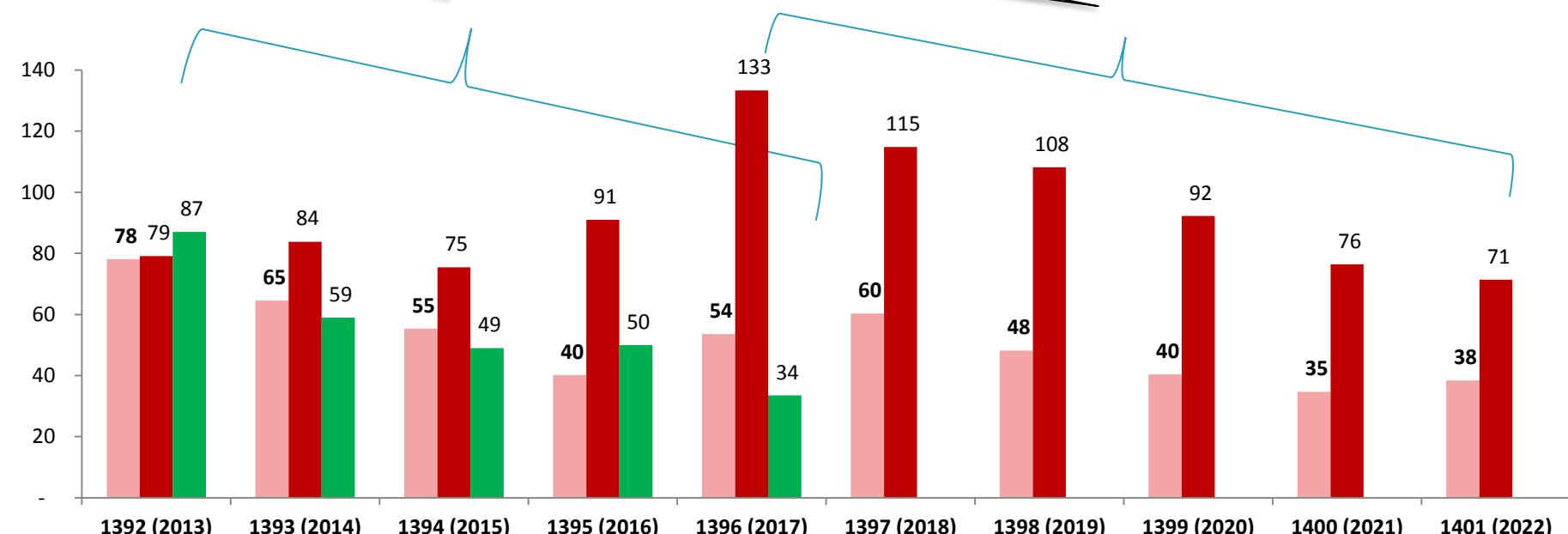
# Required Time and Resources for Demining Operations of the newly identified hazardous Areas

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:

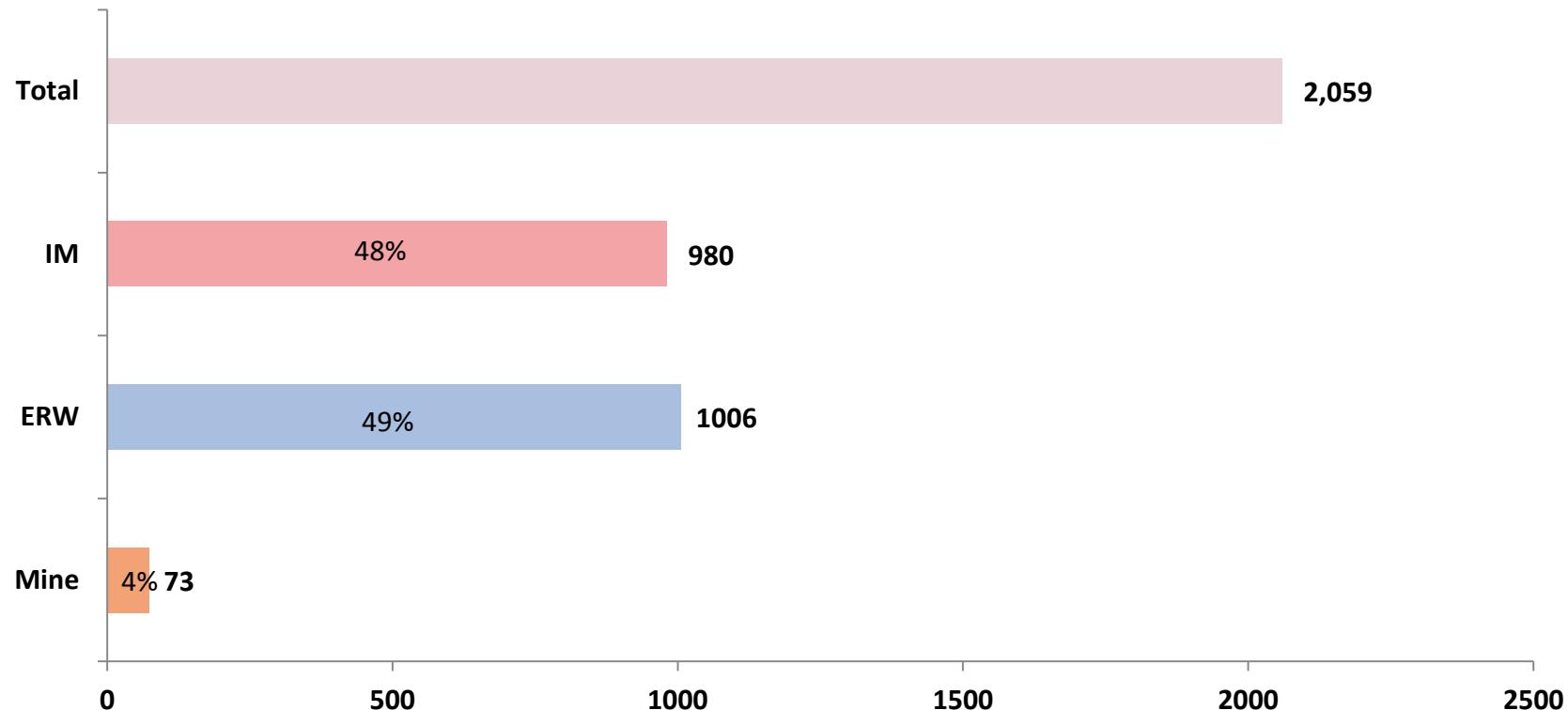
$$279 \text{ Sq Km} \text{ (total cleared area)} + 640 \text{ Sq Km} \text{ (MBT remaining recorded areas)} + 420 \text{ Sq Km} \text{ (initially assessed area)} = 1060 \text{ Sq Km} \text{ (to be cleared)}$$



■ 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

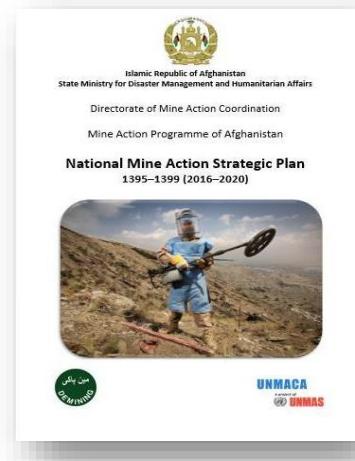
- Ongoing conflict
- Challenge of security for demining operations



# Legal Framework

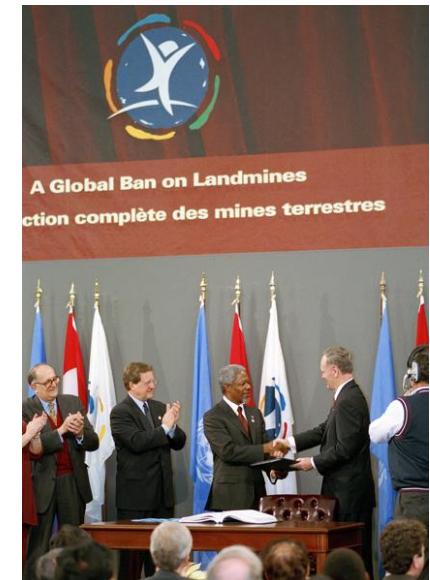
## National Level Legal Framework:

- 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

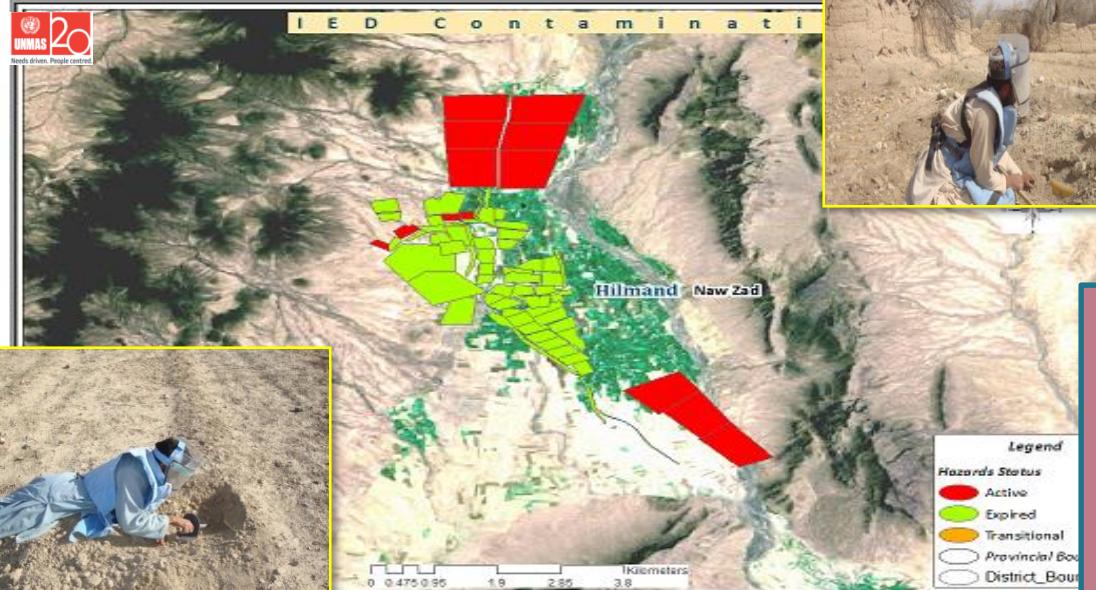
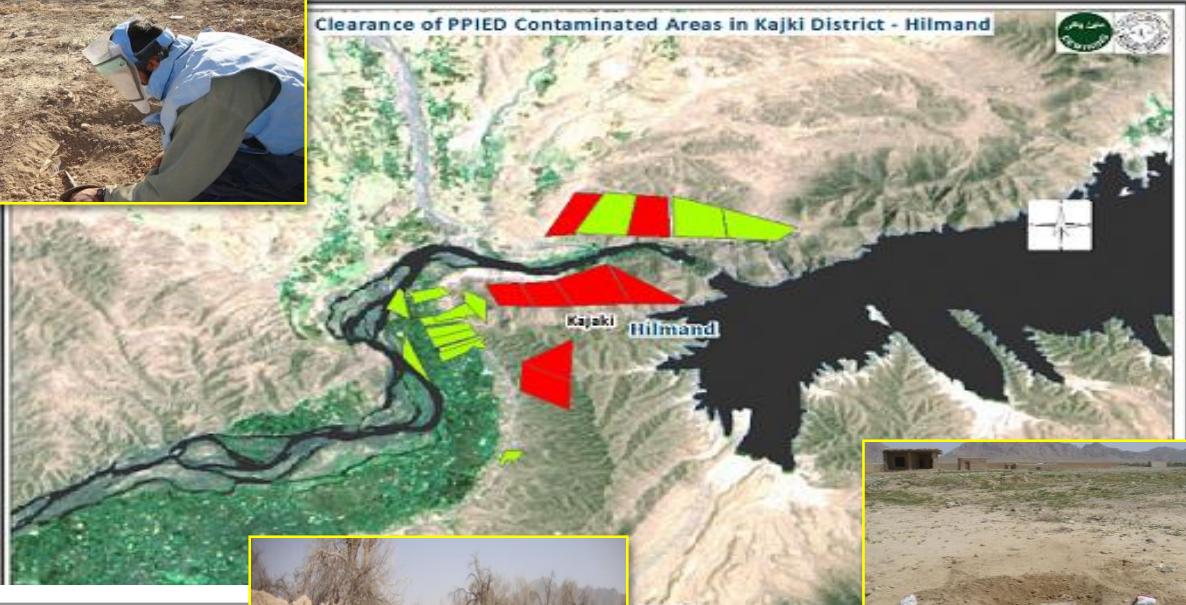


# How to Maintain Neutrality & Humanitarian Space

- 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



# DMAC/UNMAS Contacts

+93 708 606060

[info@dmac.gov.af](mailto:info@dmac.gov.af)

**Website:** [www.dmac.gov.af](http://www.dmac.gov.af)