The Pressure to clear: Clearance in Protracted Conflict Environment

21st National Mine Action Directors and UN Advisors Meeting

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Presenter:
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Scope of Current Contamination
(As of 31st Dec 2017)

3,860 Hazards 1,601.5 Sq Km
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)
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

<table>
<thead>
<tr>
<th>Total</th>
<th>Areas With High Security Risk</th>
<th>Areas With Medium Security Risk</th>
<th>Areas with Low Security Risk</th>
<th>Type of Hazardous Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>5,522,400</td>
<td>260,000</td>
<td>5,158,400</td>
<td>104,000</td>
<td>AP Hazardous Area</td>
</tr>
<tr>
<td>58,500</td>
<td>26,000</td>
<td>-</td>
<td>32,500</td>
<td>AV Hazardous Area</td>
</tr>
<tr>
<td>22,177,700</td>
<td>16,557,982</td>
<td>5,482,983</td>
<td>136,736</td>
<td>ERW Hazardous Area</td>
</tr>
<tr>
<td>118,687,818</td>
<td>28,498,080</td>
<td>1,825,098</td>
<td>88,364,640</td>
<td>IED Hazardous Area</td>
</tr>
<tr>
<td>146,446,418</td>
<td>45,342,062</td>
<td>12,466,481</td>
<td>88,637,876</td>
<td>Total</td>
</tr>
</tbody>
</table>
## Required Time and Resources for Demining Operations of the newly identified hazardous Areas

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

\[ 279 + 640 + 420 = 1060 \text{ Sq Km} \]

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

<table>
<thead>
<tr>
<th>Year</th>
<th>Baseline</th>
<th>Updated</th>
<th>Cleared</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>78</td>
<td>79</td>
<td>59</td>
</tr>
<tr>
<td>2014</td>
<td>65</td>
<td>84</td>
<td>55</td>
</tr>
<tr>
<td>2015</td>
<td>65</td>
<td>91</td>
<td>49</td>
</tr>
<tr>
<td>2016</td>
<td>40</td>
<td>50</td>
<td>40</td>
</tr>
<tr>
<td>2017</td>
<td>91</td>
<td>133</td>
<td>34</td>
</tr>
<tr>
<td>2018</td>
<td>115</td>
<td>108</td>
<td>48</td>
</tr>
<tr>
<td>2019</td>
<td>92</td>
<td>108</td>
<td>40</td>
</tr>
<tr>
<td>2020</td>
<td>76</td>
<td>92</td>
<td>35</td>
</tr>
<tr>
<td>2021</td>
<td>38</td>
<td>76</td>
<td>38</td>
</tr>
<tr>
<td>2022</td>
<td>71</td>
<td>71</td>
<td>71</td>
</tr>
</tbody>
</table>
Civilian Casualties (Mine, ERW & Abandoned Improvised Mine)
Jan to Dec 2017

Average 171 casualties/month

Source: IMSMA
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
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)
- 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
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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