Mine Action in Chad

General presentation, June 2011
Introduction
Chad – Overview

- Population: 11.2 million
  - Area: 1,284,000 km²
  - 95% living on 30% of the national territory
  - Population in urban zone: 25%
  - Literacy rate: 32%
  - Girls at school: circa $\frac{1}{4}$
  - Food insecurity conditions: 40%
  - Access to a protected water source: 48%
  - Access to basic sanitary services: less than 40%

- Road network
  - 4,600 Km of paved roads

- Poverty
  - Chad is one of the poorest countries (HDI)

- Economy (data 2008, source World Bank)
  - Agriculture: 13.6% GDP
  - Industry: 48.8% GDP
  - Service: 37.5% GDP
Mines and Explosive remnants of war in Chad

- As a result of decades of armed conflict, vast stretches of Chad national territory are contaminated by mines and explosive remnants of war.

- 50% of the population is living in a region affected by mines and ERW contamination. + 200,000 persons are directly affected.

- The presence of ERW represents a permanent danger for the population. The contamination obstructs freedom of movement, access to pasture land, water points, road network, economic hubs. The risks are worsened by the type of soil and climate conditions.

- Mine and UXO contamination has multi-sectoral implications:
  - Humanitarian
  - Social
  - Economic
  - Environment

- This contamination is a constraint on socio-economic development efforts in the affected regions.

- The Government of Chad considers mine action as a national priority, to support recovery, development and economic growth initiatives.
Progress and projection
MINE ACTION IN CHAD
Survey operations | UNDP/MAG | 2010-2011

- Not covered by the project
- Ongoing and planned
- To be funded and planned
- Done

Fig. 1 | Oct. 2010 - Jan. 2011
Fig. 2 | Feb. 2011 - May 2011

Data CND, IMSMA database
Analysis UNDP
Map MAG

Mine Action in Chad 06/2011
Survey – Illustration

Meeting of Chief of district, Faya (preliminary survey)

Sub-munition Type PETAB 2.5 M Chicha area

Mine Action in Chad 06/2011
Survey & clearance – Illustration

Extreme temperatures: 35 to 52 °C
Wind and sandstorm: +/- 5 days per months
Transport constraints: 100 km = 2 hours

Rest of destroyed vehicles, Wadi Doum area
Mine Action in Chad

Mined areas | UNDP/MAG | 2010-2011

Technical survey June 2010 - June 2011

Survey
- Not covered by the project
- Ongoing and planned
- To be funded and planned
- Done

Mined areas
- Confirmed mined areas
- Suspected mined areas remaining to be surveyed
- Number of confirmed / suspected mined areas
- Mined areas to be cleared

Data CND, IMSMA database

Analysis

Map

Not covered by the project

Ongoing and planned

To be funded and planned

Done

Suspected mined areas remaining to be surveyed

Confirmed mined areas

16

11

1

18

10

TOTAL MINED AREAS

28

Data

Analysis

Map

UNDP

MAG

MINED AREAS

TOTAL MINED AREAS (28)

18

10

Republique du Tchad
Ministere de l'Economie et du Plan
Haut Commissariat National au Déminage
Centre National de Déminage

Centrafricaine
Cameroun
Nigeria
Niger
N'Djamena

BORKOU (16)

ENNEDI (11)

WADI FIRA

Guera

MAG

UNDP

Programme des Nations Unies pour le Développement (PNUD)

Programme financé par le Japon

Mine Action in Chad 06/2011
**Mine Action in Chad**

Demining operations, Wadi Doum | UNDP/MAG | 2010-2011

**Fig. 1 | Wadi Doum Mine Field**

**MF-03 Mine Field**

- **Low Risk Area**
  - Length: 2,520 m
  - Perimeter: 5,230 m
  - Surface: 240,000 m²

- **High Risk Area**
  - Length: 2,550 m
  - Perimeter: 5,120 m
  - Surface: 53,990 m²

**Fig. 2**

MF-03 Mine Field

**Fig. 3 | Mines removed**

- **AP**: 970
- **AT**: 984

- **MF-01**: 2004-2005
- **MF-02**: 2005
- **MF-03**: 2011-2012

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Data CND, IMSMA database
Analysis UNDP
Map MAG
Clearance in Wadi Doum – Illustration

Daily security briefing

Manual clearance

Collected mines storage before destruction

Emergency medical support

Mine Action in Chad 06/2011
Survey and clearance site - Illustration

Am-Dam

Kouba Oulanga

Mangueigne

Mangueigne
Technical survey and clearance

Within the framework of the UNDP survey and clearance project, funded by Japan, the results of the operations carried out from October 2010 to May 2011 are as follows:

- 28 mined areas are located: 24 in Borkou region, 3 in Ennedi and 1 in Sila.
- 32,743,108 m² (32.74 km²) of dangerous area have been located.
- 49,170,283 m² (49.17 km²) area marked
- 1,027,506 m² (1 km²) have been cleared.
- 2,559 mines (1,298 antipersonal) and 5,445 UXO have been collected and destroyed.

The operator (MAG) was contracted until June 2011. To ensure the continuation of the survey and clearance operations, a US$ 5 million contribution is required for 2011-2012. A rapid re-launching of the operations is crucial.

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<thead>
<tr>
<th>Période - Period</th>
<th>From 01/10/10 To 31/05/11</th>
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<tbody>
<tr>
<td>Recorded areas</td>
<td>m²</td>
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<tr>
<td>ZSD / ZD SHA / DA</td>
<td>32,743,108</td>
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<tr>
<td>Superficie déminée ou dépolluée Cleared area</td>
<td>1,027,506</td>
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<tr>
<td>Superficie marquée Marked area</td>
<td>49,170,283</td>
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<table>
<thead>
<tr>
<th>ENE / Mines UXO/Mines</th>
<th>Détruits Destroyed</th>
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</thead>
<tbody>
<tr>
<td>Type de munitions Type of munition</td>
<td>Quantité Quantity</td>
</tr>
<tr>
<td>UXO/AO</td>
<td>5335</td>
</tr>
<tr>
<td>MINES</td>
<td>2,559</td>
</tr>
<tr>
<td>Mines AP/ AP mines</td>
<td>1,298</td>
</tr>
<tr>
<td>Mines AC/AT mines</td>
<td>1,261</td>
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<tr>
<td>TOTAL</td>
<td>7,894</td>
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</table>
Priorities 2011 - 2012
Ottawa Convention – Art.5
A two-phase extension request

- **Phase 1** Assessing the scale of the contamination and the needs
  - Technical survey
    - Objectives
      - To define with accuracy the remaining scale of the contamination
      - To design an action plan based on reliable data
    - Launching clearance operations in the north and east of the country
    - Review of the land release process
    - Designing an action plan based on the results of the technical survey

- **Phase 2** Action plan implementation
  - Clearance of the residual contamination
    - Objective
      - To eliminate all AP mines from the national territory (1st phase Tibesti is not included)
National priorities

- Continuation of the technical survey
- Continuation of mine/UXO clearance operations
  - Mine clearance in the north
  - UXO clearance in the east and south-east
  - Rapid response teams
- Information management (IMSMA)
  - Maintaining and strengthening the database management
- Quality control
  - Capacity strengthening
- Land release process
  - Capacity strengthening
- Victim assistance
  - National strategy for victim assistance design
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Mine action in Chad has benefited from the support and commitments of a broad set of partners.