



LEBANESE ARMY



Lebanon Mine Action Center /LMAC

CCM Inter-sessional - Geneva 17/04/2012



Presentation Overview

- 1.Scope of CBUs Problem**
- 2.Clearance Update, Operational teams & Clearance statistics.**
- 3.CBUs Types**
- 4.Technical and Non-Technical Survey**



Lebanon Mine Action Center

المركز اللبناني للأعمال المتعلقة بالألغام



| Location | Size of contaminated area (m ²) | Estimated or known date of contamination | Method used to estimate suspected area |
|-------------------------------------|---|--|--|
| South of Lebanon (Before July 2006) | 1.195.654 | March 1978 | Data collection from LAF, LMAC Community Liaison Officers (CLO), and reports of affected communities. The process was incremental and cumulative built through clearance activities. |
| Mount Lebanon (Before July 2006) | 284.466 | June 1982 | |
| Bekaa (Before July 2006) | 148.540 | October 2005 | |
| Total (Before July 2006) | 1.628.660 | | |
| South of Lebanon (Post July 2006) | 46.405.152 | July - August 2006 | |
| Mount Lebanon (Post July 2006) | 177.658 | | |
| Bekaa (Post July 2006) | 7.156.792 | | |
| Total (Post July 2006) | 53.739.602 | | |
| Grand Total | 55.368.262 | | |
| Total | 55.368.262 | | |



Statistics

Current Clearance achieved as of 1 April 2012

| Location # | Size of land cleared(m ²) | Date of release | Method of release (technical or non-technical survey) |
|--|---------------------------------------|-----------------------|--|
| South of Lebanon Mount Lebanon Bekaa | 37.963.500 | Between 2007 and 2012 | Technical Survey |



Lebanon Mine Action Center

المركز اللبناني للأعمال المتعلقة بالألغام





Lebanon Mine Action Center

المركز اللبناني للأعمال المتعلقة بالألغام

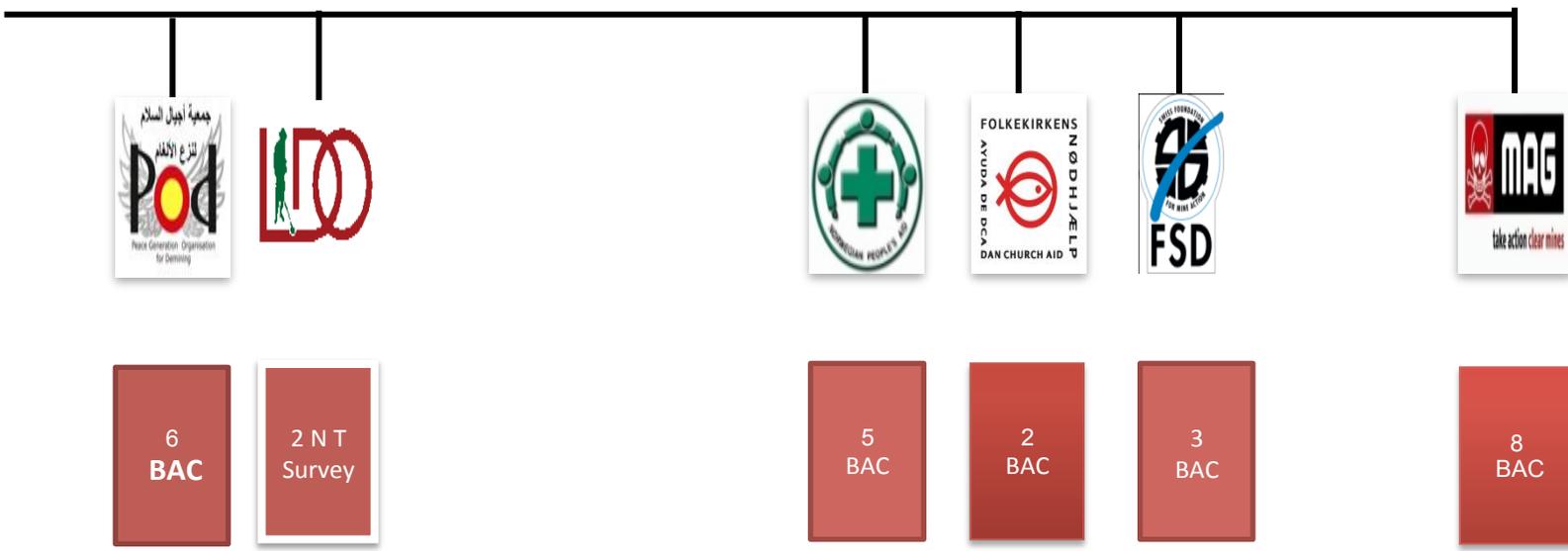


Current Capacity



National
NGOs

International
NGOs





Technical and Non Technical Surveys

- Supported by U.S. Department of States, Office of Weapons Removal and Abatement.
- The goal is to confirm the initial information about the contaminated land and release the non-contaminated areas.
- It reduces the dangerous areas to the actual hazard through and the Area Reduction process.
- Once defined, all Suspected Hazardous Areas will be marked fenced.
- The survey teams will develop the clearance plans for each surveyed site.
- All new information will be entered into IMSMA database.



Lebanon Mine Action Center

المركز اللبناني للأعمال المتعلقة بالألغام

The National Non Technical Survey

Result

165.3 km² have been tasked

185.2 km² have been surveyed

120.9 km² have been marked as Cancellation

21.2 km² have been scheduled for Area Reduction

43.1 km² have been scheduled for Clearance





Cluster Munitions



M 42

M 46

BLU 26

MK 118

M 43

BLU 18

M 77

M85

MZD2



| | | | | | | |
|---------------------------------------|--|--------------------------|---------------|---------------|---------------|---------------|
| Average Cost per Team (Monthly Basis) | \$30,000 | | | | | |
| | | | | | | |
| CBU Total Area Contaminated | Average Team/ Year | Number of Teams required | | | | |
| 18,749,181 | 120,250 | 156 | | | | |
| | | | | | | |
| CBU Teams Available | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
| Covered by EC | 25 | 24 | 6 | 6 | 6 | 6 |
| Total Available Teams | 0 | 0 | 7 | 7 | 7 | 0 |
| | 25 | 24 | 13 | 13 | 13 | 6 |
| | | | | | | |
| Teams Shortfall | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
| Shortfall of Solution 1 | 0 | 0 | 20 | 21 | 21 | 26 |
| Shortfall of Solution 2 | 0 | 0 | 21 | 21 | 19 | 26 |
| | | | | | | |
| Solution 1 | The shortfall of 11 Teams from Year 2011-2012 is divided over the 3 yrs 2013-2014-2015 | | | | | |
| Solution 2 | Increasing to full capacity in year 2013-2014 and then reducing it in year 2015-2016 | | | | | |
| | | | | | | |
| EC (75% out of 7.7 m Euro) | \$ Per Year | # of Teams | | | | |
| | \$ 2,502,500 | 7 | | | | |
| | | | | | | |
| Teams Required | 2012 | 2013 | 2014 | 2015 | 2016 | |
| Solution 1 | 24 | 33 | 34 | 34 | 32 | |
| Solution 2 | 24 | 34 | 34 | 32 | 32 | |
| | | | | | | |
| Fund Required | 2012 | 2013 | 2014 | 2015 | 2016 | Total |
| Solution 1 | \$ 8,640,000 | \$ 12,117,600 | \$ 12,734,496 | \$ 12,989,186 | \$ 12,469,618 | \$ 50,310,900 |
| Solution 2 | \$ 8,640,000 | \$ 12,484,800 | \$ 12,734,496 | \$ 12,225,116 | \$ 12,469,618 | \$ 49,914,031 |
| | | | | | | |
| Funds Shortfall | 2013 | 2014 | 2015 | 2016 | Total | |
| Solution 1 | \$ 7,344,000 | \$ 7,711,200 | \$ 7,711,200 | \$ 9,547,200 | \$ 32,313,600 | |
| Solution 2 | \$ 7,711,200 | \$ 7,711,200 | \$ 6,976,800 | \$ 9,547,200 | \$ 31,946,400 | |



Lebanon Mine Action Center



المركز اللبناني للأعمال المتعلقة بالألغام

**المركز اللبناني للأعمال المتعلقة بالألغام
Lebanon Mine Action Center-LMAC**

**ثكنة شكري غانم – Chekri Ghanem Casern-Fayadieh
الفيضية**

Tel : +961 5 956 143

Fax : +961 5 956 192

[Email : info@lebmac.org](mailto:info@lebmac.org)

[Website : www.lebmac.org](http://www.lebmac.org)

