



## Updating on the Cambodian implementing Article 5

### Standing Committee

Geneva, 27-31 May 2013

Presented by: H.E. PRUM Sophakmonkol  
-Deputy Secretary General  
-CFR Project Manager  
[Email: sophakmonkol@cmaa.gov.kh](mailto:sophakmonkol@cmaa.gov.kh)  
H/P: 855 (12) 922 239

1

### Outline of the Presentation

- Royal Government of Cambodia's efforts to implement Article 5;
  - Baseline Survey (BLS)
  - Land Release (LR)
  - National Mine Action Strategy (2010-19) implementation;
  - NPMEC Accreditation;
  - Planning and Prioritization
- Land Released through Technical Survey and Full Clearance
- Remaining contaminated areas (BLS)
- Annual Clearance Workplan
- Information Management
- Resources to implement Article 5.

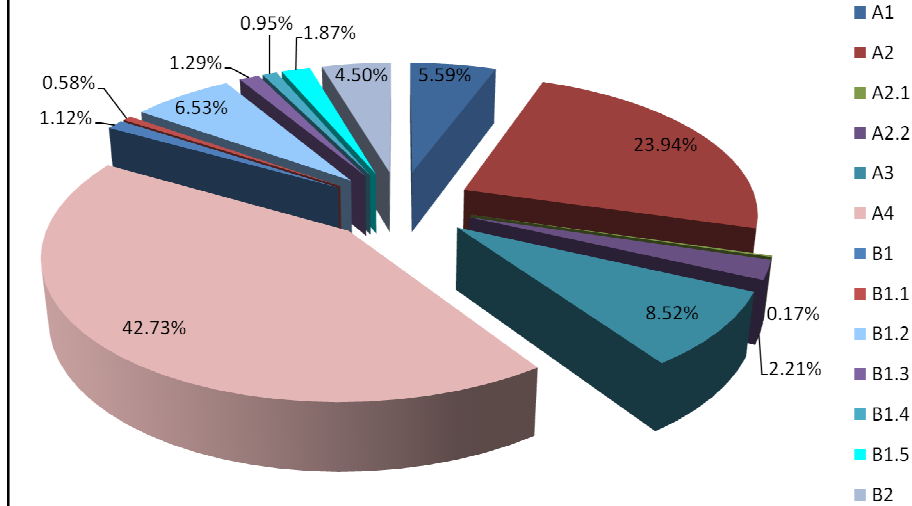


## Latest BLS Result

Land Classification	SHA	Area (Sqm)
A1	848	58,791,536
A2	3,630	264,725,686
A2.1	26	1,195,329
A2.2	335	30,195,644
A3	1,292	66,072,804
A4	6,479	650,818,925
Total A	12,610	1,071,799,923

Land Classification	SHA	Area (Sqm)
B1	170	30,130,824
B1.1	88	13,928,860
B1.2	990	489,217,041
B1.3	196	170,224,194
B1.4	144	11,135,872
B1.5	283	24,125,708
B2	682	61,385,729
Total B	2,553	800,148,227
TOTAL (A+B)	SHA (Polygon)	Area (M2)
	15,163	1,871,948,150

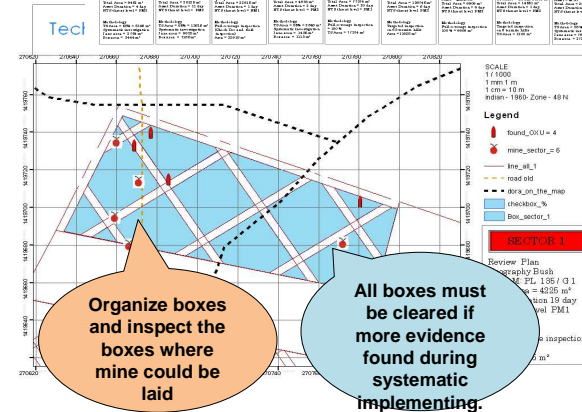
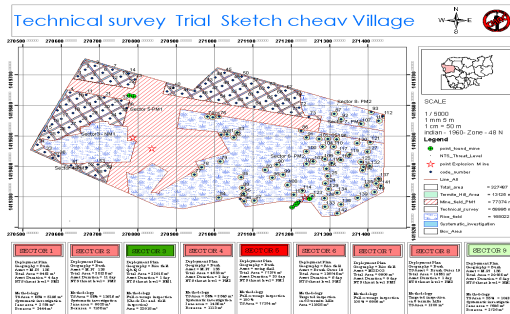
## Percentage by Land Classifications



Calculation of Projected Remaining Problem					
No	Source	Type of contamination	Size (km <sup>2</sup> )	Projected Area for Full Clearance Projected %	Area (km <sup>2</sup> )
1	CMAC:	Confirmed minefield:	468.5	70.0%	328.0
		Suspected minefield:	347.0	10.0%	34.7
		Residual minefield:	138.7	10.0%	13.9
2	Halo Trust:	Survey:	125.9	80.0%	100.7
3	L1S:	Remaining:	666.4	17.1%	114.0
4	Large Polygons				57.5
		Total:	1,746.5 KM2	Total for Clearance:	648.7 KM2
5	Extension Request:	Projected Clearance:	648.7 KM2		
6		Remaining area to be release through Survey:	1,097.8 KM2		
Source: Extension Request, Page 48)			The different from ER and BLS is 125.4 KM2		
BLS Result (Temporary)					
	Polygon	Contaminated Areas			
A Areas	12,610	1,071,799,923			
B Areas	2,553	800,148,227			
Total	15,163	1,871,948,150	or 1,871.9 KM2		

- Application
- Third year

- Third year of LR application,
- Focus on BLS polygons,
- Based on land classification
- Increases output about 45%.

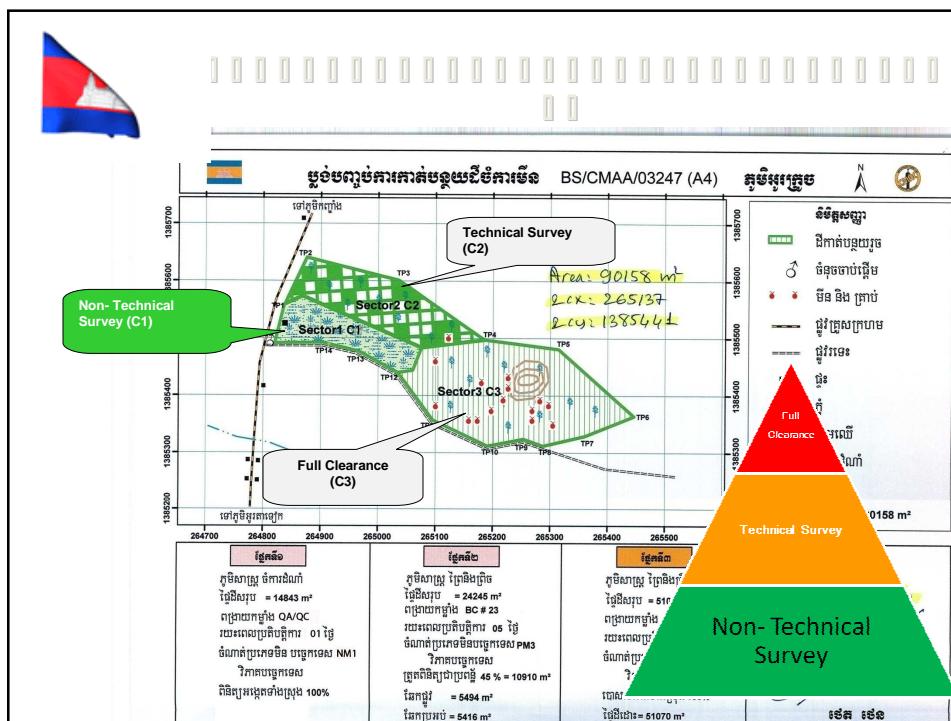


## Targeted Inspection

## Visual Inspection

## Full Coverage Inspection

## Systematic Investigation





## NMAS (2010-19) Implementation

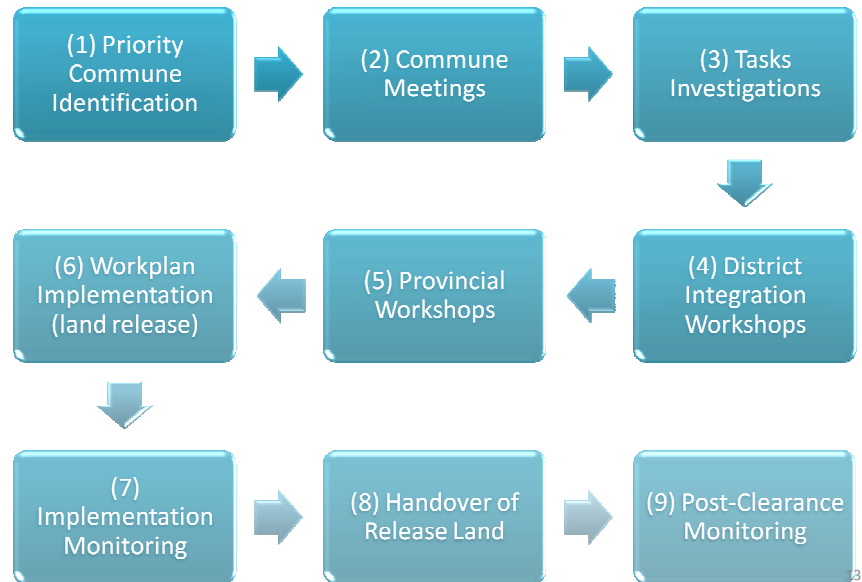
- 2013 is the third year of NMAS implementation:
  - All required agendas are mostly on track (BLS, LR, PP, Clearance, NPMEC Accreditation. etc.);
- The NMAS M&E framework with indicators have been developed and included in the NMAS.
- NMAS implementation have been evaluated in 2013 and the result will be soon available.



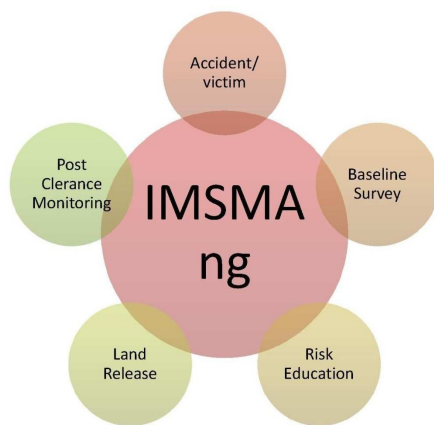
## NPMEC Accreditation

- 13 MPs & 2 EOD team from NPMEC have been accredited:
  - 4 MPs & 1 EOD in 2010;
  - 5 MPs & 1 EOD in 2011;
  - 4 MPs in 2012. (No more platoon accredited yet for 2013).
- All these teams are currently working under CMAA supervision;
- These teams will contribute to the achievement of NMAS;
- Cambodia encourages DPs to continue considering support to NPMEC at the same level as other operators for humanitarian works.

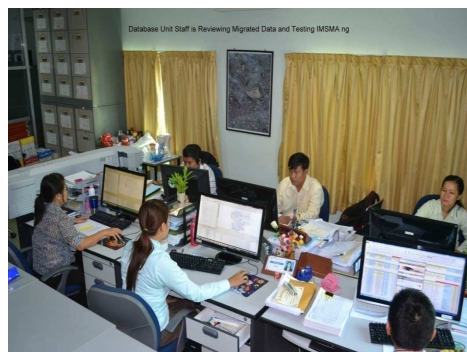
## Planning Prioritization & Process



## Planning and Database Management



Planned Mine Action Data Integration



# Mine Clearance Achievement

Achievement 1992-2012	
Total of Area (ha)	94,225
Total number of APM	959,830
Total number of ATM	22,543
Total number of ERW	2,300,357

Achievement 2010-2012(based on actual clearance polygons)											
2010				2011				2012			
Area(ha)	AP	AT	ERW	Area(ha)	AP	AT	ERW	Area(ha)	AP	AT	ERW
6,782	23,827	223	11,563	7,077	20,194	446	8,820	8,293	20,651	513	12,976

## The cost estimation required for releasing contaminated areas resulting from BLS

LCS	M2	MP			
		Productivity/month	# of month required	Cost/team/month	Total cost required (\$)
A1	58,791,536	58,140	1011	<b>13,284</b>	13,432,865
A2	296,116,659	54,400	5443		72,309,075
A3	66,072,804	82,000	806		10,703,794
A4	650,818,925	75,000	8678		115,273,048
B1	738,762,498	82,000	9009		119,679,525
B2	61,385,729	75,000	818		10,872,640
<b>Total</b>	<b>1,871,948,151</b>				<b>342,270,947</b>

Note: This will require around 77% of difference scale to other operators, 77% of areas discovered outside BLS, 77% for training and other relevant component (OA/OC, Depreciation, EOD MRE etc).



To achieve our targets set out during the ER, at least **450 Million USD** will be required.

Cambodia would not be able to shoulder it alone, so the DP's continuing contribution is highly appreciated. Special thanks to all DPs who have been and continuing to contribute fund to Cambodia.