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C.M.A.A



# CAMBODIAN MINE ACTION & VICTIM ASSISTANCE AUTHORITY

STANDING COMMITTEE ON MINE CLEARANCE, MINE  
RISK EDUCATION  
AND MINE ACTION TECHNOLOGIES  
GENEVA, 21 MAY 2012

**PROGRESS IN IMPLEMENTING THE ARTICLE  
5 EXTENSION REQUEST**

# 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;
  - Royal Cambodian Armed Forces Accreditation;
  - Planning and Prioritization
- Square Meters Released through Technical Survey and Full Clearance
- Remaining contaminated areas (BLS)
- Annual Clearance Workplan
- Information Management
- Resources to implement Article 5.

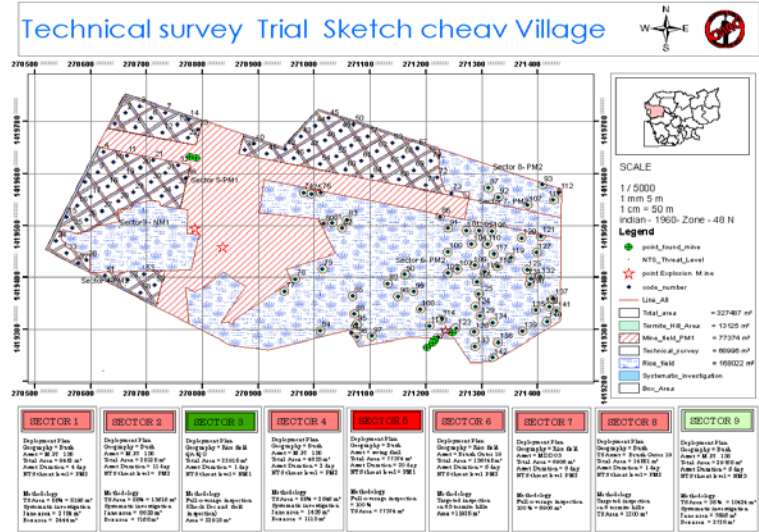
# Baseline Survey updated



Period	Operators	Achievement	Total
August 2009- December 2011	CMAC		67 Districts have been surveyed
	HALO Trust		
	MAG		

Period	Operators	Planned	Remark
Jan 2012- Oct 2012	CMAC	36 Districts	<b>15 Districts remain unfunded</b>
	HALO Trust	4 districts	
	MAG	2 Districts	

# Land Release Application



- Second year of LR application:
  - CMAC (2 years)
  - NPMEC ( Starting this year);
  - MAG (SOP almost approved and conducted trial this year),
- Land Release only through BLS Polygons
- Release through Technical Survey on the scattered mined areas
- Release through Full Clearance mostly on dense mined areas;
- Achieved 45% increase in productivity

# NMAS (2010-19) Implementation



- 2012 is the third year of NMAS implementation:
  - All required agendas are mostly on track (BLS, LR, PP, Clearance, RCAF/NPMEC Acc. etc.);
- CMAA is developing a NMAS M&E framework;
- NMAS indicators will be evaluated in 2013.

# **NPMEC Accreditation**



- **9 MPs & 2 EOD team from NPMEC have been accredited:**
  - **4 MPs & 1 EOD in 2010;**
  - **5 MPs & 1 EOD in 2011;**
- **All these teams are currently working under CMAA supervision;**
- **These teams will contribute to the achievement of NMAS;**
- **Cambodia encourage DPs to continue consider support to NPMEC the same level as other operators for humanitarian works.**

# Planning and Prioritization



- New guidelines on Planning & Prioritization have been developed and approved
- PP will be based on two criteria to identify priority communities: BLS polygons & casualty rate in the last 5 years;
- MAPU, PMAC and Operators have been briefed on new guideline
- The full implementation on this guideline is starting this year and the clearance next year will follow this new mechanism;
- Cambodia expects to reduce more casualties if this guideline are properly applied;

# M<sup>2</sup> Released thru TS & Full Clearance



Period	Operator	S.q. Meter	APM	ATM	UXO
1992-2011	CMAC	392,986,781	457,262	9,012	1,727,649
	HALO	73,299,687	247,006	3,199	148,229
	MAG	33,328,456	62,209	994	181,809
	RCAF/NPMEC	284,756,325	164,148	8,365	126,589
	<b>TOTAL</b>	<b>784,371,249</b>	<b>930,625</b>	<b>21,570</b>	<b>2,184,276</b>

Period	Operator	S.q. Meter	APM	ATM	UXO
2010-2011	CMAC	123,778,311	32,732	808	224,454
	HALO	14,751,756	25,264	488	11,550
	MAG	3,410,336	5,091	316	20,037
	RCAF/NPMEC	896,237	209	10	21,703
	CSHD	582,441	278	2	934
	<b>TOTAL</b>	<b>142,836,640</b>	<b>63,574</b>	<b>1,624</b>	<b>278,678</b>



# Areas remained contaminated by Mine/UXO up to March 2012



	<b>Polygons</b>	<b>Contaminated areas</b>
<b>A1</b>	<b>819</b>	<b>49,176,619</b>
<b>A2</b>	<b>3,651</b>	<b>265,739,438</b>
<b>A3</b>	<b>1,010</b>	<b>44,519,246</b>
<b>A4</b>	<b>5,749</b>	<b>565,560,439</b>
<b>B1</b>	<b>173</b>	<b>30,163,185</b>
<b>B2</b>	<b>645</b>	<b>58,512,246</b>
<b>Total</b>	<b>12,047</b>	<b>1,013,671,173</b>

# Annual Clearance WorkPlan



- 75% of assets will be allocated to the priority communes identified through the Planning and Prioritization process led by MAPUs
- 25% of assets will remain available for other needs.
- Full picture on the demining plan will be developed by the end of this year and SPs will be informed.

# Information Management



- Successful deployment of IMSMA ng as national database management tool at CMAA
- Installing IMSMA ng and supporting to all accredited demining organizations (NPMEC included)
- Main MA information was integrated into the national database: BLS, accident, Land Release...
- Planning to further integrate other data: MRE, PCM, Victim Assistance and QA/ QC
- Using information from IMSMA ng for various reporting

# Resources needed to implement Art.5



Years	Clearance Productivity (sq. meter)		Costs (USD)			
	Annual	Cumulative	BLS Annual (A)	Clearance Annual (B)	ER Request Annual A + B	ER Request Cumulative
2009	38,627,620		1,550,502	20,464,675	22,015,177	
2010	39,400,173	78,027,793	1,581,512	21,897,202	23,478,714	45,493,891
2011	40,188,176	118,215,969	1,613,142	23,430,006	25,043,148	70,537,039
2012	40,991,940	159,207,909	1,645,405	25,070,107	26,715,512	97,252,551
2013	41,811,778	201,019,687		26,825,014	26,825,014	124,077,565
2014	42,648,014	243,667,701		28,702,765	28,702,765	152,780,330
2015	43,500,974	287,168,676		30,711,959	30,711,959	183,492,289
2016	44,370,994	331,539,670		32,861,796	32,861,796	216,354,085
2017	45,258,414	376,798,083		35,162,122	35,162,122	251,516,207
2018	46,163,582	422,961,665		37,623,470	37,623,470	289,139,677
2019	47,086,854	<b>470,048,519</b>		40,257,113	40,257,113	<b>329,396,790</b>