

Progress Report on Mine Action Programme As end of March 2013



**National Mine Action Center (NMAC)
Ministry of Economic Development**

Ministry of Economic Development

First Quarter Progress Report on National Mine Action Programme –Year 2013

NARRATIVE SUMMARY

During the three decade aged civil conflict, Sri Lanka has experienced that varied kinds of explosives including land mines of Anti Personal, Anti Tank Unexploded Ordnances (UXO), etc. The conflict has resulted in instability in the country's socio culture, economic, environment and political bodies of the country.

Even though the mines are deployed in combat areas, the vulnerable group of civilians and children are victims who are exposed to such explosives. Impacts of the land mines could be mentioned accordingly as constraints or injuries on persons, delaying of resettlement of the displaced persons, physical, psychological and economic consequences to inhabitants, loss of agricultural lands, destruction and disruption to infrastructure eased in the areas of transportation, irrigation and drinking water supplying, exhaustion of medical and rehabilitation services, economic cost for de-mining and so on.

Though the National Mine Action programme was commenced in 2002, de-mining programme was not able to properly be implemented as planned due to escalation of conflict situation until May 2009. Since June 2009, Sri Lanka National Mine Action Programme has been implemented showing a remarkable progress. The National Steering Committee for Mine Action (NSCMA) set in the Ministry of Economic Development acts as the supreme body of the decision making for the National Mine Action Programme while National Mine Action Center (NMAC) coordinating and monitoring the programme with the support of UNDP and UNICEF.

As per the initial survey carried out by the Information Management System on Mine Action IMSMA it is estimated that there may be about one million land mines and UXOs in the abandoned battle fields. In addition, it was estimated that **6,215 Km²** of land area is contaminated with mines and UXOs. **4,269 Km²** have been identified as safe areas out of the total estimated contaminated areas and the other balance of **2,064 Km²** were confirmed as Hazard Areas (CHA) by Survey . Removal of mines and other objects cannot be done in isolation and coordinated effort is required for de-mining, mine risk education, mapping and victim assistance etc.

At present, six mine clearing organizations are functioning in Sri Lanka with the generous corporation of the donor community. They are Sri Lanka Army (SLA) & HDU, Halo Trust, Danish De-mining Group (DDG), Mines Advisory Group (MAG), Swiss Foundation for De-mining (FSD), and Delvon Assistance for Social Harmony (DASH). Several other national organizations are in operation on mine risk education under the UNICEF umbrella.

The quarterly Progress report on mine action has been prepared only based on the IMSMA and all the data and information associated with Sri Lanka National Mine Action Programme should be obtained only from source of IMSMA.

In the first quarter of year 2013, area cleared by Battle area Clearance (**BAC**), Mine Field Clearance (**MF**) and Mechanical Verification is **993,410 (0.9km²)** and **12,401** of all types of devices (**AT, AP and UXOs**) have been recovered. The cumulative figure of area clearance by deploying three methods of BAC, MF & Mech.V from 2002 to March 2013 is **883,789,941M² (883.78Km²)** and devices recovered are **961,447**. In addition, the areas of **1,084,579,611M² (1084Km²)** have been released by Survey too. Accordingly, total area cleared since the inception to end March 2013 is **1,968,369,553M² (1968 Km²)** and the remaining confirmed hazardous areas (CHA) to be cleared is **96,368,302M² (96.36Km²)**

Scope of the problem - As end of March 2013

De- Mining Progress

Districts	Confirmed Hazardous Areas (CHA) in Sqm	Area Cleared in Sqm (BAC & MF & Mech V)	Areas released by Survey in Sqm	Total Area Cleared in Sqm	Areas to be cleared in Sqm
Jaffna	51,935,532	34,718,616	13,291,640	48,010,257	3,925,275
Killinochchi	597,375,765	31,378,773	547,801,326	579,180,099	18,195,666
Mullaitivu	230,331,444	163,457,843	47,286,259	210,744,102	19,587,342
Vavuniya	223,251,300	80,985,698	135,503,406	216,489,104	6,762,196
Mannar	314,669,910	195,487,153	95,791,256	291,278,409	23,391,501
sub total	1,417,563,950	506,028,083	839,673,887	1,345,701,970	71,861,980
Trincomalee	101,651,963	95,275,807	-	95,275,807	6,376,156
Batticaloa	495,262,449	235,669,352	244,905,724	480,575,076	14,687,373
Ampara	46,627,261	46,571,726	-	46,571,726	55,535
sub total	643,541,672	377,516,885	244,905,724	622,422,609	21,119,064
Anuradhapura	3,547,971	196,695	-	196,695	3,351,276
Polonnaruwa	84,262	48,279	-	48,279	35,983
Sub Total	3,632,233	244,974	-	244,974	3,387,259
Total	2,064,737,856	883,789,942	1,084,579,611	1,968,369,553	96,368,303

Source : IMSMA

Note: Confirmed Hazardous Areas (CHA) is always determined based on the None Technical Survey (NTS).

Accordingly, the remaining CHA could be varied, as NTS is continuous process of Sri Lanka Mine Action Programme

**Ministry of Economic Development
Summary of Mine Clearance Progress**

District	Physical Progress												
	Area Cleared in Sqm												Areas to be cleared in Sqm
	Year 2013 (As end of March)			Year 2012 (As at 31 December 2012)			From Year 2002 to 2011			Total	Areas released by Survey in Sqm	Cumulative (2002 to March 2013)	
	BAC/Mech. v Sqm	MF/Mech. v Sqm	Sub Total	BAC/Mech. v Sqm	MF/Mech.v Sqm	Sub Total	BAC/Mech. v Sqm	MF/Mech.v Sqm	Sub total				
Jaffna	7605	69,763	77368	22,040	578,820	600,860	28,849,298	5,191,091	34,040,389	34,718,616	13,291,640	48,010,257	
Killinochchi		247,231	247231	760,422	1,896,384	2,656,806	22,793,313	5,681,423	28,474,736	31,378,773	547,801,326	579,180,099	18,195,666
Mullaitivu		595,068	595068	5,699,619	10,766,945	16,466,564	132,961,027	13,435,184	146,396,211	163,457,843	47,286,259	210,744,102	19,587,342
Vavuniya		57,970	57970	74,043	1,054,012	1,128,055	69,472,295	10,327,378	79,799,673	80,985,698	135,503,406	216,489,104	6,762,196
Mannar		14,406	14406		1,077,589	1,077,589	174,716,828	19,678,330	194,395,158	195,487,153	95,791,256	291,278,409	23,391,501
Trincomalee			0		18,645	18,645	92,985,664	2,271,498	95,257,162	95,275,807	0	95,275,807	6,376,156
Batticaloa			0		189,242	189,242	232,143,149	3,336,961	235,480,110	235,669,352	244,905,724	480,575,076	14,687,373
Ampara		1367	1367		2,279	2,279	46,564,058	4,022	46,568,080	46,571,726	0	46,571,726	55,535
Anuradhapura			0			-	70,393	126,302	196,695	196,695	0	196,695	3,351,276
Polonnaruwa			0			-		48,279	48,279	48,279	0	48,279	35,983
Total	7,605	985,805	993,410	6,556,124	15,583,916	22,140,040	800,556,025	60,100,467	860,656,492	883,789,942	1,084,579,611	1,968,369,553	96,368,303

Source: IMSMA

Note:

1. BAC- Battle Area Clearance, MF - Mine Field, Mech.v- Mechanical verification

**Ministry of Economic Development
Summary of Mine Clearance Progress**

Devices Recovered by Districts

District	Physical Progress															
	Devices Recovered															
	Year 2013 (As end of March)				Year 2012 (Asat 31 December 2012)				From Year 2002 to 2011				Cumulative (2002 to March 2013)			
	AP	AT	UXO	Sub Total	AP	AT	UXO	Sub Total	AP	AT	UXO	Sub Total	AP	AT	UXO	Total
Jaffna	2260	40	315	2615	9,430	293	38,182	47,905	113,599	255	103,932	217,786	125,289	588	142,429	268,306
Killinochchi	1773	64	2254	4091	12,782	67	34,884	47,733	46,301	90	175,513	221,904	60,856	221	212,651	273,728
Mullaitivu	3533	1	687	4221	26,399	16	13,318	39,733	76,663	272	21,763	98,698	106,595	289	35,768	142,652
Vavuniya	1388	7	14	1409	22,181	50	328	22,559	99,650	245	11,797	111,692	123,219	302	12,139	135,660
Mannar	32			32	5,307		100	5,407	87,801	51	14,641	102,493	93,140	51	14,741	107,932
Trincomalee				0	1,040		9	1,049	4,760	2	913	5,675	5,800	2	922	6,724
Batticaloa				0	215	1	5	221	5,891	5	16,992	22,888	6,106	6	16,997	23,109
Ampara	15		18	33	29			29	22		449	471	66	-	467	533
Anuradhapura				0				-	2,718		71	2,789	2,718	-	71	2,789
Polonnaruwa				0				-	8		6	14	8	-	6	14
Total	9001	112	3288	12401	77,383	427	86,826	164,636	437,413	920	346,077	784,410	523,797	1,459	436,191	961,447

Source: IMSMA

Note:

1. **BAC**- Battle Area Clearance, **MF** - Mine Field, **Mech.v**- Mechanical verification

**Ministry of Economic Development
Progress of National Mine Action Programme**

Area Cleared by Organizations

Clearing Organization	Area cleared by Organization in Sqm											
	Year 2013 (As end of March)			Year 2012 (As at 31 December 2012)			From Year 2002 to 2011			Cumulative (2002 to March 2012)		
	BAC/Mech.v Sqm	MF/Mech.v Sqm	Sub Total	BAC/Mech.v Sqm	MF/Mech.v Sqm	Sub Total	BAC/Mech.v Sqm	MF/Mech.v Sqm	Sub Total	BAC/Mech.v Sqm	MF/Mech.v Sqm	Total
SLA	7,605	457,774	465,379	5,246,126	9,435,545	14,681,671	580,672,040	20,886,496	601,558,536	585,925,771	30,779,815	616,705,586
HALO Trust		287,157	287,157	198,972	1,943,875	2,142,847	15,661,916	4,780,972	20,442,888	15,860,888	7,012,004	22,872,892
DDG		38,872	38,872	4,852	477,195	482,047	20,494,712	2,800,350	23,295,062	20,499,564	3,316,417	23,815,981
FSD			-	1,051,794	1,896,230	2,948,024	21,049,926	11,295,581	32,345,507	22,101,720	13,191,811	35,293,531
MAG		87722	87,722		800,439	800,439	18,818,889	4,202,991	23,021,880	18,818,889	5,091,152	23,910,041
Horizon			-	54,380	205,441	259,821	90,493,628	2,748,443	93,242,071	90,548,008	2,953,884	93,501,892
Sarvatra			-		385,478	385,478	40,502,872	8,788,529	49,291,401	40,502,872	9,174,007	49,676,879
MMIPE			-		18,645	18,645	962,843	314,304	1,277,147	962,843	332,949	1,295,792
DASH		114,280	114,280		421068	421,068		328,797	328,797	-	864,145	864,145
NPA			-			-	11,899,199	3,861,505	15,760,704	11,899,199	3,861,505	15,760,704
JCCP			-			-		92,499	92,499	-	92,499	92,499
Total	7605	985805	993,410	6,556,124	15,583,916	22,140,040	800,556,025	60,100,467	860,656,493	807,119,754	76,670,188	883,789,942

Source: IMSMA

1. BAC- Battle Area Clearance, MF - Mine Field, Mech.v- Mechanical Verification,

Survey by Joing Effort	1,084,579,611
BAC Total	807,119,754
MF Total	76,670,188
Grand total	1,968,369,553

**Ministry of Economic Development
Progress of National Mine Action Programme**

Devices Recovered by Demining Organizations

Agency	Type of Device	Devices Recovered			
		From Year 2002 to 2011	Year 2012	Year 2013	Cumulative (From 2002 to end of March 2013)
SLA	AP	41329	5291	107	46,620
	AT	96	5	1	101
	UXO	25235	10608	165	35,843
	Total	66,660	15,904	273	82,564
FSD	AP	80,370	17435	0	97,805
	AT	117	0	0	117
	UXO	19,838	1306	0	21,144
	Total	100,325	18,741	-	119,066
DDG	AP	49571	13,958	1,388	63,529
	AT	277	10	7	287
	UXO	33482	6,108	14	39,590
	Total	83,330	20,076	1,409	103,406
HALO Trust	AP	101,906	18654	4263	120,560
	AT	62	360	103	422
	UXO	215,456	66169	1634	281,625
	Total	317,424	85,183	6,000	402,607
MAG	AP	19051	1995	1155	21,046
	AT	131	45	0	176
	UXO	11567	1210	37	12,777
	Total	30,749	3,250	1,192	33,999
Horizon	AP	43413	459	0	43,872
	AT	46	-	0	46
	UXO	3956	54	0	4,010
	Total	47,415	513	-	47,928
MMIPE	AP	9212	1040	0	10,252
	AT	50	-	0	50
	UXO	167	9	0	176
	Total	9,429	1,049	-	10,478
Sarvatra	AP	61894	16014	0	77,908
	AT	117	7	0	124
	UXO	5477	252	0	5,729
	Total	67,488	16,273	-	83,761
DASH	AP	478	2,537	2,088	3,015
	AT	0	-	1	-
	UXO	22825	1,110	1,438	23,935
	Total	23,303	3,647	3,527	26,950
JCCP	AP	282	-	-	282
	AT	-	-	-	-
	UXO	11	-	-	11
	Total	293	-	-	293
NPA	AP	29907	-	-	29,907
	AT	24	-	-	24
	UXO	8063	-	-	8,063
	Total	37994	0	0	37994
Grand Total	AP	437,413	77,383	9,001	523,797
	AT	920	427	112	1,459
	UXO	346,077	86,826	3,288	436,191
	Grand Total	784,410	164,636	12,401	961,447

Source: IMSMA

Note: AP- Anti Personal, AT- Anti Tank, UXO- Unexploded Ordnance

Civilian Casualty Breakdown (From 2002- end of March 2013)

District	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Grand Total
Ampara	1	0	0	5	0	0	0	1	0		2		9
Anuradhapura		13	4	0	0	4	0	4	0				25
Badulla	2	1	1	0	0	0	0	0	0				4
Batticaloa	3	2	7	0	26	7	0	6	2		1		54
Colombo		2	0	0	0	0	0	0	0				2
Gampaha	4	0	0	0	0	0	0	0	0				4
Hambantota	1	0	1	0	0	0	0	0	0				2
Jaffna	77	50	19	23	9	2	5	12	21	8	2	4	232
Kalutara		2	0	0	0	0	0	0	0				2
Kegalle	2	0	0	0	0	0	0	0	0				2
Kilinochchi	15	21	8	6	2	1	0	0	11	6	11		81
Kurunegala	4	0	0	0	0	0	0	0	0				4
Mannar	4	3	4	2	0	0	0	0	3		1		17
Matara	4	0	1	0	0	0	0	0	0				5
Monaragala	2	0	2	0	0	0	0	0	0				4
Mullaitivu	12	1	4	1	2	0	0	2	3	6	12		43
Nuwara Eliya	6	0	0	0	0	0	0	0	0				6
Polonnaruwa	2	6	1	0	0	0	0	0	0		2		11
Puttalam	4	1	0	0	7	0	0	0	1				13
Trincomalee	7	2	4	0	14	10	0	0	5		1		43
Vavuniya	4	7	0	2	3	0	1	1	1	3	1		23
Grand Total	154	111	56	39	63	24	6	26	47	23	33	4	586

