

HUMANITARIAN DEMINING PLAN 2011

S U M M A R Y

INTRODUCTION

The Humanitarian Demining Plan 2011 (hereinafter: Plan 2011) is based on the Law on Humanitarian Demining, Narodne novine (Official Gazette) 153/05, 63/07 and 152/08, the National Mine Action Strategy of the Republic of Croatia, Narodne novine 120/09 and the Three-year Humanitarian Demining Plan 2009-2011 passed by the Government of the Republic of Croatia at the 89th session held on July 2, 2009.

The Plan is harmonized with the Strategic Plan of the Ministry of Interior and other institutions with the purpose of protection and rescue for the period 2011-2013 and it pertains to the reduction of contamination of the territory with landmines and explosive ordinances (UXO), stated in the Strategic Plan's special goal 2.3., proportionally to the funds available for 2011.

The Plan is drafted by the Croatian Mine Action Centre (CROMAC) with the consent of the Ministry of Finance, Ministry of Interior, Ministry of Defense, Ministry of Sea, Transport and Infrastructure, Ministry of Environment Protection, Physical Planning and Construction, Ministry of Regional Development, Forestry and Water Management, Ministry of Tourism and Ministry of Culture.

On January 1, 2011, the total mine suspected area (hereinafter: MSA) of the Republic of Croatia amounts to 815,3 km². The MSA extends through the territory of 101 towns and municipalities in 12 counties and it is marked with 15.666 mine warning signs.

Besides the precise calculation of mine suspected area until January 1, 2011, there was also the area of 6,9 km² established which refers to the area contaminated solely by unexploded ordinances (UXO). Such areas extend within the territory of 28 towns and municipalities in 8 counties. They are marked with 409 warning signs.

On January 1, 2011, the total mine suspected area and the area contaminated solely by unexploded ordinances (UXO) in the Republic of Croatia amounts to 822,2 km.

I BASIC TASKS OF THE PLAN 2011

Mine action in 2011 elaborated in the Plan implies all the activities to be undertaken with the aim to relieve the socio-economic, safety, ecological and other consequences of mine problem. Mine action will be implemented via direct removal of mine and UXO danger, creating the conditions for mine danger to stop posing an obstacle to the development of economy and the entire society, via ensuring constant

care for the needs of mine survivors and maintaining high level of awareness of the remaining mine danger.

Mine action in the Republic of Croatia in 2011 shall ensure the realization of the following basic goals:

1. Reduction of mine suspected area and UXO-contaminated areas for 71,9 km²;
2. To entirely remove mine danger from the areas intended for reconstruction and return of displaced persons;
3. Demining of 11,0 km² of ploughed land;
4. Maintenance of marking of the entire mine suspected area of the Republic of Croatia;
5. Coordination of mine risk education and mine victim assistance activities;
6. Positioning and promotion of the Croatian mine action system within the international mine action community.

II REDUCTION OF MINE SUSPECTED AREA AND AREA CONTAMINATED SOLELY BY UXO IN 2011

II.I TOTAL REDUCTION OF MINE SUSPECTED AREA AND AREA CONTAMINATED SOLELY BY UXO IN 2011

The implementation of the activities planned for 2011 will result in reduction of mine suspected area and area contaminated solely by UXO for 71,9 km².

Table 1 Total planned reduction of mine suspected area and area contaminated by UXO

No.	Type of activity	Planned execution	Share of planned reduction of contamination in relation to the total area planned
		(m ²)	(%)
1	<i>Demining</i> ⁽¹⁾	20.850.786	29,0
2	<i>Reduction</i> ⁽²⁾	21.000.000	29,2
a	<i>Demining with aim of reduction</i>	4.420.000	6,2
b	<i>General survey with aim of reduction</i>	16.580.000	23,1
3	<i>General survey</i>	30.000.000	41,8
TOTAL (1+2+3):		71.850.786	100,0

⁽¹⁾ The term "demining" hereinafter implies demining and mine search of mine suspected area (MSA)

⁽²⁾ Reduction is the process by which the initially defined mine suspected area is reduced and returned to the final beneficiaries by using methods of demining and cancellation from the MSA by general survey-all based on comprehensive analysis of data from Mine Information System (MIS).

II.II DEMINING OF MINE SUSPECTED AREA AND AREA CONTAMINATED SOLELY BY UXO

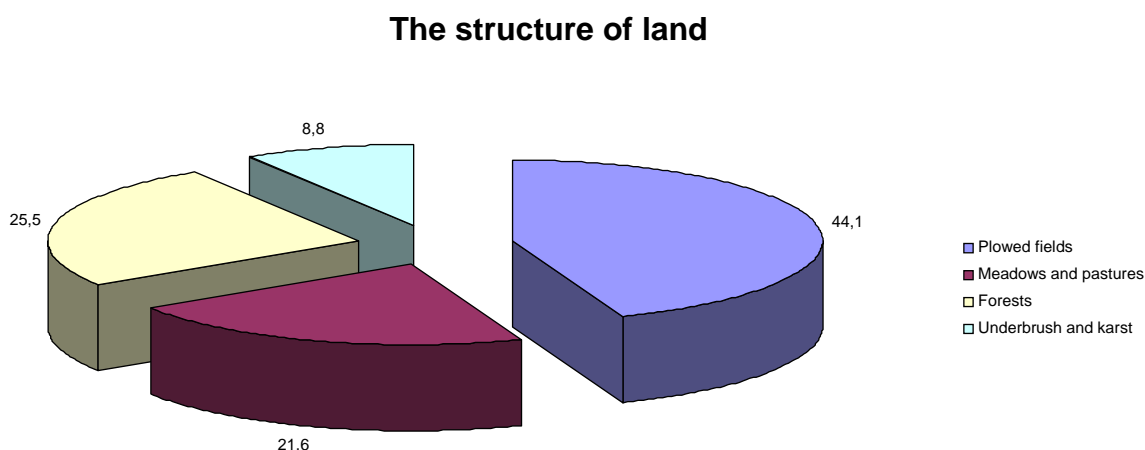
It is planned to demine the area of 25.270.786 m² in 2011.

Table 2: Planned scope of demining activities, per counties

No.	County	Planned area for demining (m ²)	Share of area planned for demining in relation to the total area planned (%)
1.	Osijek-Baranja	5.102.146	20,2
2.	Lika-Senj	4.404.573	17,4
3.	Sisak-Moslavina	3.681.905	14,6
4.	Vukovar-Srijem	3.229.241	12,8
5.	Zadar	2.140.254	8,5
6.	Šibenik-Knin	1.756.713	7,0
7.	Karlovac	1.738.666	6,9
8.	Požega-Slavonia	1.199.481	4,7
9.	Brod-Posavina	1.019.456	4,0
10.	Split-Dalmatia	342.384	1,4
11.	Dubrovnik-Neretva	341.453	1,4
12.	Virovitica-Podravina	314.514	1,2
TOTAL:		25.270.786	100,0

The Structure of Areas Planned for Demining

Graph 1: The share of areas planned for demining as per structure



With regard to the structure of areas planned for demining in 2011, agricultural areas have the biggest share. Bearing in mind the realization in the previous period, in 2011 as well, the county has established the restart of agricultural production as one

of the priorities. In 2011, 16,6 km² of priority agricultural areas will be returned for use. Within this structural group, plowed land is what shall be demined the most – the total of 11,1 km². Demining of plowed land shall be conducted in 9 mine-contaminated counties what is also the total number of counties facing the mine problem. Most of mined plowed land is in Osijek-Baranja, Vukovar-Srijem, Sisak-Moslavina and Lika-Senj County.

The remaining agricultural area i.e. 5,5 km² of meadows and pastures to be demined in 2011, are located in all mine-contaminated counties. The biggest volume of activities shall be undertaken in Lika-Senj County on the territory of Medački Džep in the Town of Gospić, along the Dabar community and Gostovača community in Perušić municipality.

Next demining priority in 2011, as per structure, is forests. The biggest realization is planned in Lika-Senj, Osijek-Baranja and Sisak-Moslavina County. The biggest investor in 2011 is the company Croatian Forests LLC that will be financing most of timber lots located within 10 Forestry Administrations.

At the end, demining of underbrush and karst in the southern counties is planned on priority areas defined as such by the state administration or regional self-administration taking into consideration the possibilities for economic development or implementation of fire-protection measures.

The Purpose of Areas Planned for Demining

Out of the total areas planned for demining in 2011, 36,2% refer to safety priorities, 60,1% to socio-economic development and 3,7% to ecological priorities.

Table 4: Illustration of areas planned for demining regardless of the land purpose

No.	PURPOSE OF AREAS FOR DEMINING	Share %
I.1.2.	House yards around inhabited houses	2,2
I.1.4.	Protective and wider zone along the road infrastructure	14,9
I.1.5.	Tourist destinations	1,9
I.1.7.	Water management facilities	3,6
I.1.8.	Territory around the cemeteries with access roads	0,3
I.1.10.	Areas needed for the supervision of the state boundary	2,8
I.1.12.	Locations of mass and individual tombs of victims of aggression on the Republic of Croatia	0,2
I.1.14.	Known minefields	5,4
I.1.15.	Area of increased concentration of UXO	1,4
I.2.2.	Infrastructure facilities of level I	1,2
I.2.3.	Agricultural land: areas of level I	39,5
I.2.4.	Forest land: areas of level I	17,6
I.2.5.	Territory included into level I management plans	1,5
I.3.1.	The remaining mine suspected area of the National Park Krka, Park of Nature Velebit... and other protected areas	3,1

I.3.3.	Existing and projected firebreaks with elements of roads and firebreaks; forests with high degree of endangerment from fires	0,6
II.1.1	The remaining mine suspected area within the communities	2,0
II.1.3.	Peripheral parts of meadows and pastures along the residential quarters and communities	1,5
II.2.2.	Agricultural land: level II	0,2
	TOTAL:	100,0

II.III REDUCTION OF MINE SUSPECTED AREAS

In 2011, it is planned to reduce mine suspected area for 21.000.000 m² using the method of reduction that consists of demining methods and general survey. Out of planned area, 4.420.000 km² will be demined with the purpose of reduction. 16.580.000 m² will be cancelled from the MSA by general survey, as presented in the Table 1 of this Plan. **The operations will be executed according to the Standard Operating Procedure SOP 01.04. REDUCTION OF AREAS IN THE MSA**

Table 6: Planned reduction volume, per counties

No.	County	Planned area for reduction (m ²)	Planned demining for the purpose of reduction		Planned cancellation by general survey	
			(m2)	(%)	(m2)	(%)
1	Osijek-Baranja	5.178.129	1.277.425	24,7	3.900.704	75,3
2	Lika-Senj	1.098.436	326.900	29,8	771.536	70,2
3	Sisak-Moslavina	3.586.260	520.055	14,5	3.066.205	85,5
4	Vukovar-Srijem	2.243.810	550.810	24,5	1.693.000	75,5
5	Zadar	3.103.895	604.479	19,5	2.499.416	80,5
6	Šibenik-Knin	2.013.764	344.232	17,1	1.669.532	82,9
7	Karlovac	483.885	165.639	34,2	318.246	65,8
8	Požega-Slavonia	234.364	70.310	30,0	164.054	70,0
9	Brod-Posavina	1.334.450	270.710	20,3	1.063.740	79,7
10	Split-Dalmatia	387.993	54.903	14,2	333.090	85,8
11	Dubrovnik-Neretva	362.000	0	0,0	362.000	100,0
12	Virovitica-Podravina	972.831	234.364	24,1	738.467	75,9
TOTAL (m²)		20.995.017	4.415.027	21,0	16.579.990	79,0

II.IV GENERAL SURVEY OF MINE SUSPECTED AREAS

In 2011, it is planned to reduce mine suspected area of the Republic of Croatia for 46,6 km² by general survey.

During 2011, parallel with demining operations to be performed by the commercial companies, survey teams of the Croatian Mine Action Centre shall be performing constant updating of mine suspected area. **It is planned to reduce mine suspected area for 30,0 km² after the realization of the above-mentioned operations in**

accordance with the criteria prescribed by Standard Operating Procedure SOP 01.01 GENERAL SURVEY OF MSA.

General survey for the purpose of updating mine suspected areas will be conducted in all mine contaminated counties.

In 2011, there will also be the cancellation of areas from the MSA conducted after demining for the purpose of reduction of 16,6 km². The cancellation will also be conducted by CROMAC staff in accordance with the criteria stipulated by Standard Operatin Procedure SOP 01.01. GENERAL SURVEY OF MSA

III. FINANCING

The amount of **299.714.000,00 HRK** has been planned for mine action in the Republic of Croatia in 2011 out of which **246.501.000,00 HRK** for humanitarian demining operations.

Table 7: Planned financial means for humanitarian demining

No.	Funding source	Amount (HRK)	Share (%)
1.	State Budget	178.751.000,00	72,6
a.	<i>Demining</i>	<i>175.401.000,00</i>	<i>71,2</i>
b.	<i>Share in IPA 2010</i>	<i>3.350.000,00</i>	<i>1,4</i>
2.	Legal entities - investors	41.950.000,00	17,0
3.	Donations	21.800.000,00	8,8
4.	EU IPA 2010	4.000.000,00	1,6
TOTAL:		246.501.000,00	100,0

State Budget

Total State Budget funds for 2011 including the share in IPA 2010 project, financial assistance, donations and grant support amount to **238.984.000,00 HRK**. This year, the State Budget participates with 72,6% in the total funds planned for the conduct of humanitarian demining i.e. with **178.751.000,00 HRK**. Out of this amount, direct transfer for demining operations amounts to **175.401.000,00 HRK**, and the share in the IPA project **3.350.000,00 HRK**.

IPA 2010

In spring this year, we expect signing the contract with the European Commission for the projects of demining of agricultural areas in the Eastern Slavonia. The total value of this project is 4,0 million € out of which 3,0 million € are EU funds and 1,0 million € is the share of the Republic of Croatia in the project. In accordance with the tender procedure, this year we expect to use funds in the amount of 1,0 mil. €.

In 2010, the Croatian Mine Action Centre (CROMAC) together with the Border police of the Hungarian province of Baranya drafted a project proposal for demining of the Croatian-Hungarian border for the funds from IPA 2007-2013 HR-HU – Cross Border Co-operation Programme in the amount of 3,5 million € out of which 1,8 million €

would be spent for demining operations on the Croatian side. The project has been submitted to the Joint Technical Committee in Budapest for consideration. The decision on project acceptance is expected in spring this year.

Legal entities - investors

Legal entities that fund demining of their own infrastructure and other owned areas plan to spend the amount of **41.950.000,00 HRK** in 2011 i.e. 17% of the total funds planned.

Table 7: Legal entities - investors

No.	Funding source	Amount (HRK)	Share (%)
1.	Croatian Forests LLC	40.000.000,00	95,3
2.	Croatian Waters	1.500.000,00	3,5
3.	CAR of Lika-Senj County	300.000,00	0,8
4.	HEP Ltd.	150.000,00	0,4
TOTAL:		41.950.000,00	100,0

The needs for demining operations in 2011 have been expressed by the Croatian Forests, Croatian Waters, County Administration for the Roads of Lika-Senj County and the Croatian Electric Power Industry. As well as in the past four years, the biggest investment plan was submitted by the Croatian Forests LLC. Their share in the total investors' funds is 95%.

Donations

At the moment of the preparation of Plan 2011, confirmed donor funds participate with 8,8% in the total funds planned for humanitarian demining in 2011 i.e. with **21.800.000,00 HRK**.

Table no. 8: Donations

No.	Funding source	Planned amount	Share (%)
1.	USA	10.000.000,00	45,9
2.	FR Germany	5.200.000,00	23,9
3.	Japan	1.500.000,00	6,9
4.	Fund of the Vukovar-Srijem County	1.000.000,00	4,6
5.	VIPnet LLC	700.000,00	3,2
6.	PBZ	700.000,00	3,2
7.	Principality of Monaco	550.000,00	2,5
8.	AMCHAM	500.000,00	2,3
9.	Pliva	500.000,00	2,3
10.	Karlovac County	400.000,00	1,8
11.	Croatian-American Golf Association	250.000,00	1,1
12.	Other	500.000,00	2,3
TOTAL		21.800.000,00	100,0

In 2011, we expect demining of several different areas using donor funds raised by the "Croatia without Mines" – Humanitarian Demining Trust Fund of Croatia.

IV. COMPREHENSIVE REMOVAL OF MINE DANGER FROM THE TERRITORY INTENDED FOR RECONSTRUCTION AND RETURN OF DISPLACED PERSONS

In accordance with the National Mine Action Strategy, in 2011, mine danger should be removed from the entire territory intended for reconstruction and return of displaced persons.

In the previous years, mine danger was removed from all areas intended for reconstruction and return of displaced persons whose demining was requested by the competent ministry, counties, towns and municipalities.

There are no requests from the competent ministry for 2011. Therefore, the Plan 2011 consists of the remaining areas requested by the counties. They refer to demining of house yards of inhabited houses.

In order to completely realize this task in 2011, parallel with the preparation of the Three-year humanitarian demining plan for the period 2012-2014, there will be meetings in all 12 mine-contaminated counties held as well as with the Administration for Reconstruction and Administration for Areas of Special State Concern at the Ministry of Regional Development, Forestry and Water Management. The purpose of the meetings will be to identify whether there are any mined areas that obstruct the reconstruction or directly influence the return of displaced persons.

V. DEMINING OF 11,0 km² OF PLOWED LAND

On January 1, 2011, there were still 200,5 km² of mine suspected plough fields in the Republic of Croatia. The area of 112,2 km² refers to the plough fields while the rest of 88,3 km² refers to meadows and pastures.

In accordance with the National Mine Action Strategy of the Republic of Croatia, mine danger should be entirely removed from the plough fields until 2015.

VI. MAINTENANCE OF MARKING SITUATION OF THE ENTIRE MINE SUSPECTED AREA OF THE REPUBLIC OF CROATIA

Parallel with the conduct of general survey and demining operations in 2011, there will be the control of marking situation conducted as one of the regular CROMAC activities. If needed, there will be additional marking of mine suspected area and UXO-contaminated areas performed in order to create a clear boundary between the safe and mine suspected area or UXO-contaminated area.

Information on the position of mine warning signs and possible detection of UXO are one of basic elements of mine information system available to all citizens of the Republic of Croatia and guests that visit our country through the Internet via CROMAC MISportal. The portal provides information on mine situation, UXO-contaminated areas and marking situation updated on a daily basis. CROMAC will

continue providing mine-contamination maps and maps showing only UXO-contaminated areas with data on precise locations of mine warning signs placed in the field to the state administration bodies, local administration and regional self-administration units, police administrations and other legal and actual entities upon request.

Marking will be continuously conducted by CROMAC survey teams based on criteria established by Standard Operating Procedures (SOP 01.02-Marking of mine suspected areas and SOP 01.02.01-Marking of possible UXO-contaminated areas).

VII. COORDINATION OF MINE RISK EDUCATION AND MINE VICTIM ASSISTANCE ACTIVITIES

During 2011, in accordance with the legal regulations, mine risk education and mine victim assistance activities will be conducted with the coordinative role of the Croatian Mine Action Centre and in cooperation with the responsible state administration bodies as well as domestic and foreign humanitarian organizations, associations and other institutions.

In the framework of all events at which the population is informed about mine danger, at the same time, they are being informed about the danger threatening from detection of unexploded ordnances.

In 2011, CROMAC will finish the preparation of the "Croatian Action Plan of Assistance to Mine and UXO Survivors 2010-2014" and "Agreement on cooperation in preparation and exchange of information about the victims involved in mine incidents on mined, mine suspected and shelled territory of the Republic of Croatia".

VIII. POSITIONING AND PROMOTION OF THE CROATIAN MINE ACTION SYSTEM WITHIN THE INTERNATIONAL MINE ACTION COMMUNITY

With the continuous development and constant investment and application of most modern techniques and technologies, the Croatian Mine Action Centre created its own models for all phases of complex demining process. Considering the fact that stated knowledge, techniques and supporting products surpass a great deal the needs of the Republic of Croatia, they will be offered to other mine-affected countries. With this approach of constant improvement of methodologies, equipment and machines used in humanitarian demining that could be applied in other mine-affected countries, it is CROMAC's intention to establish demining as the Croatia export product in the next three-year period.

June, 2011

