



REPUBLIC OF CROATIA
GOVERNMENT OF THE REPUBLIC OF CROATIA

2006 Humanitarian Demining Plan

Zagreb, January 2006

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INTRODUCTION

2006 Humanitarian Demining Plan (further on referred as Plan) is based on the Law on demining (National Gazette 153/05) and it will be the basis for the realization of 2006 Mine Action in the Republic of Croatia (further on referred as RH).

Mine action is decreasing and finally removing all social-economic, safety, ecological and other problems resulting from consequences of mined Croatian state territory and it will be implemented during 2006 through the following activities:

- Humanitarian demining, comprising general and technical survey, making of project proposal documentation, mine searching, mine clearance, quality assurance and quality control and other works adhering to this with the main goal to remove direct mine and UXO threat,
- Mine risk education of population in order to raise general mine and UXO awareness,
- Mine and UXO victims' assistance.

The financial resources secured for 2006 Mine Action Plan will be spent for removal of mine threat in the mine suspected areas directly impeding economic development of Croatia, those where environmental protection cannot be executed as well as on mine suspected areas where the safety of population is in question.

During 2006, mine threat will be removed from the priority areas set by local authorities, State administration and legal entities in Croatia, followed by marking of mine suspected areas and implementing mine risk education in order to create conditions for safer life of citizens living in the close vicinity of mine suspected areas.

Starting point for development of 2006 Plan is the mine suspected area covering 1.147 km² marked by approximately 10.000 large mine warning signs.

Out of overall mine suspected areas 28% that is 320 km represent areas defined as priorities for demining, structurally covering primarily agricultural areas, houses and yards, objects of infrastructure and a larger part of meadows and pastures.

Remaining mine suspected areas are related to hilly and mountain areas mainly covered by forests and other areas that do not present significant economic or development value and are located far from the inhabited areas.

1. BASIC TASKS IN 2006 PLAN

By execution of mine action activities in 2006, the following basic tasks will be realized:

1. **Contracting of mine clearance and mine searching works will enable the return of 28,0 km² of mine suspected areas back to community for safe usage.**
2. **Humanitarian demining Quality control system will be further improved.**
3. **Revision of the overall mine suspected areas of Croatia will be finalized.**
4. **Marking of mine suspected areas would be maintained.**
5. **Draft of Humanitarian Demining Program 2007-2009 will be prepared.**
6. **Mine information system will be finalized and operative.**
7. **Mine risk education and mine victims assistance programs will be implemented**
8. **International cooperation will be intensified.**

2. MINE CLEARANCE AND MINE SEARCHING OF MINE SUSPECTED AREAS

2.1 AREAS PLANED FOR MINE CLEARANCE AND MINE SEARCHING

Mine clearance and mine searching will reduce mine suspected areas in Croatia for 28.000.000 m².

Table no 1. Areas planed for mine clearance and mine searching by counties:

No	County	Mine suspected area in the Plan (m ²)	Portion of the Plan (%)
1	2	3	4
1	Lika-Senj	3.980.000	14,7
2	Osijek-Baranja	3.790.000	14,0
3	Sisak-Moslavina	3.480.000	12,9
4	Vukovar-Srijem	3.270.000	12,1
5	Zadar	2.770.000	10,3
6	Karlovac	2.200.000	8,1
7	Dubrovnik-Neretva	2.150.000	8,0
7	Požega-Slavonia	1.660.000	6,1
8	Split-Dalmatia	1.300.000	4,8
9	Šibenik-Knin	1.100.000	4,1
11	Brod-Posavina	740.000	2,7
12	Virovitica-Podravina	560.000	2,1
Total:		27.000.000	100,00
13	World Bank Loan*	1.000.000	
GRAND TOTAL:		28.000.000	

* In the course of 2006, the areas to be financed by the World Bank Loan will be nominated by the counties in accordance with the Regional Operational Plans, with the aim of economic and social recovery of the Republic of Croatia.

Explanation of Table no 1.

1. LIKA-SENJ COUNTY:

In the period from January to April 2006, a mine clearance of surroundings of the birth house of Nikola Tesla and his museum and accompanying infrastructure will be done in village of Smiljan, the area of Gospić Town. In respect to this, almost 2.000.000 m² of agricultural areas in the southern part of Gospić, defined as priorities for agricultural development by the county, will be returned to Lika-Senj County for the safe usage in accordance to 2006 Plan. During the year, a mine threat will be removed from power distribution network owned by HEP (Croatian power distribution operator Ltd) as well as from almost 400.000 m² of forest roads and paths owned by Croatian Woods Ltd.

2. OSIJEK-BARANJA COUNTY:

The largest portion of planed works will be executed in the area of Osijek Town as a precondition for the economic development of the town (mine clearance and mine searching of industrial zone Nemetin 3), improved safety in suburban area of Tenja and finalization of mine clearance and mine searching of the overall railway infrastructure of the town (railway Dalj-Varaždin, part Sarvaš-Nemetin). In the other parts of the county, the main demining activities will be implemented on agricultural areas on the northern part and forest roads and paths owned by Croatian Woods Ltd. covering the area of over 700.000 m². During the current year the mine threat will be removed from the complete power distribution network owned by HEP (Croatian power distribution operator Ltd.), from the pipeline owned by PLINACRO Co. and railway infrastructure in the county.

3. SISAK-MOSLAVINA COUNTY:

The biggest number of houses and yards situate in mine suspected area is found in this county. Based on this fact, the priorities for humanitarian demining are the houses and yards in Sunja Municipality covering the area over 500.000 m². The next priority are the agricultural areas in Towns of Glina and Petrinja, especially mine clearance and mine searching of the areas situated on the northern part of Petrinja Town, in between Kupa River, Gavrilović meat production factory and the town itself, financed by the European Union program CARDS 2003, covering the area of 1.000.000 m².

4. VUKOVAR-SRIJEM COUNTY:

Priority for 2006 is cancellation of areas needed for initiation of economy and restarting of agricultural production from the mine suspected areas. In accordance to this, priorities are entrepreneur zone Jošine in Vinkovci Town and almost 2.000.000 m² of agricultural areas in towns of Vukovar, Vinkovci and Ilok, and municipalities of Markušica, Nuštar, Nijemci and Trpinja. Increased interest for humanitarian demining in this county is expressed by the European Union, through its Delegation in Zagreb, financing border belt between Croatia and Serbia and Montenegro, and by the Government of United States of America, through its Embassy in Zagreb, financing demining of mine fields surrounding the Town of Vukovar and mine searching of vineyards in Pajzoš in Ilok Municipality. As in previously described counties, during 2006, the mine threat will be removed from the complete power distribution network owned by HEP (Croatian power distribution operator Ltd.) and construction and reconstruction of the infrastructure in the vicinity of the border crossing Bajakovo will be enabled.

5. ZADAR COUNTY:

Priority of 2006 is the humanitarian demining of forest area Musapstan in the Town of Zadar, since this will enable construction of the Memorial park, new city graveyard and remove the mine threat from the part of road shoulder of the State road D8 that is used by the most of tourists entering Zadar which is one of the tourist centers of the Central Adriatic. Following the activities of the previous years, NGO Norwegian People's Aid, financed by the Kingdom of Norway, will execute humanitarian demining of the areas larger then 1.100.000 m² constituting of houses and yards and agricultural areas in Municipalities of Zemunik Donji and Poličnik. What is to be stressed is that resources from the Fund for Environmental Protection and Energy Efficiency will be used for demining the area for future windmills and wind farms in the Municipality of Jasenice, enabling usage of the new mode of producing electro energy.

6. KARLOVAC COUNTY:

More then half of planed areas for humanitarian demining in the County during 2006 are located in the Town of Karlovac. This is a result of joint action of the Rotary Clubs form Austria and Karlovac, Austrian Development Agency, the Government of the United States of America (matching funds of previously mentioned investors) and the Government of Croatia (through the State budget) called "Town of Karlovac Without Mines" in 2006. This year, the complete railway infrastructure of the county will be mine searched and cleared.

7. DUBROVNIK-NERETVA COUNTY:

It is planed to completely remove mine threat from the area of the Town of Dubrovnik, as the most important tourist destination on the Adriatic during 2006. Humanitarian demining in Dubrovnik will be executed in the area of Srđ hill in order to enable the construction of the golf course set as a project of a great importance by the City Council as well as on the island of Lopud (area near the largest beach in the County) and island of Šipan that has the great importance in the area of nautical tourism. In accordance to the tourist orientation of Croatia, and Dubrovnik-Neretva County, the mine threat will be removed from the road shoulders of the Adriatic Highway and the state road and county roads on the Ston peninsula during 2006. In addition to this, the remaining mine threat will be removed from the areas in the vicinity of shores and in the vicinity of the crossing border Debeli Brijeg. Realizing the 2006 Demining Plan, the remaining mine suspected areas in the County will be

the one in the remote, inaccessible areas bordering with Bosnia and Herzegovina and Serbia and Montenegro as well as the areas situated far away from the tourist destinations. During 2006, the mine threat will be removed from the complete power distribution network owned by HEP (Croatian power distribution operator Ltd.) and power transmission network owned by HEP (Croatian power transmission system operator Ltd).

8. POŽEGA-SLAVONIA COUNTY:

Priorities for humanitarian demining in the county during 2006 are large agricultural areas in the villages of Kusonje and Dragović, as well as the forest areas of south side of Čukur hill, which is the continuation of the narrower city belt of Pakrac Town. This area is leaned to already demined areas of Kalvaria hill. As in 2005, it is planed to demine areas under jurisdiction of the Croatian Forest Company Ltd, covering over 500.000 m² of the forest section lines and roads in forests administered by Towns of Pakrac and Lipik, and municipalities of Velika and Brestovac.

9. SPLIT-DALMATIA COUNTY:

Humanitarian demining in the County will be entirely focused to ensure safety of national and international guests in tourist destinations and accompanying tourist infrastructure. It will be executed on the island of Vis, areas of Towns of Vis and Komiza, in the vicinity of ex military objects, owned by the Croatian Army and given to the County for usage. Also, the humanitarian demining will be executed near the State road D1, shores of Peruća Lake and access road to the hydropower plant Peruća in Hrvace Municipality.

10. ŠIBENIK-KNIN COUNTY:

Emphasis of the humanitarian demining will be placed on demining of the hinterlands of the Town of Vodice, that is villages of Čista Velika, Čista Mala and Dragišići. Beside already stated, entire mine problem of the narrower city area of Šibenik Town will be solved as well as of the complete power distribution network owned by HEP (Croatian power distribution operator Ltd.) and power transmission network owned by HEP (Croatian power transmission system operator Ltd).

11. BROD-POSAVINA COUNTY:

Priorities to be demined in 2006 set by the County are agricultural areas in and by the protective belt of Zagreb –Lipovac Highway, part between Novska and Nova Gradiška in the Municipality of Dragalić. Since the realization of this job depends on possibility of closing the traffic in the highway, County has been informed that, if this is not possible, the State budget funds will be spent for the second priority of the County.

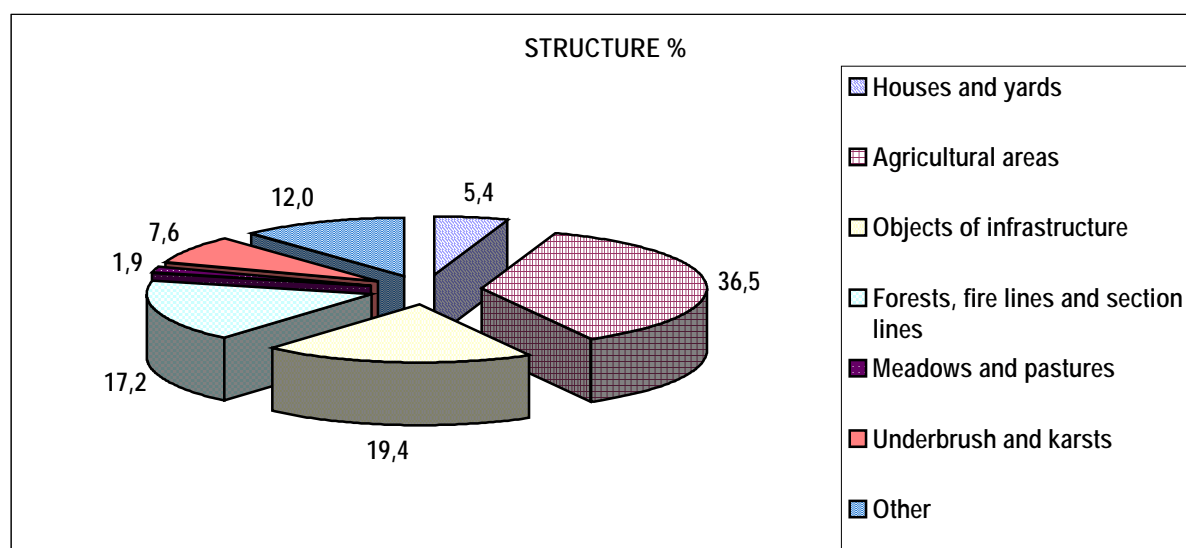
12. VIROVITICA-PODRAVINA COUNTY:

97,5 % of the County mine suspected areas are forests, fire lines and forest section lines. The emphasis of the humanitarian demining will be placed on such areas owned by the Croatian Forest Company Ltd. The demining will be also executed on the border of forest areas in the Voćin Municipality.

Table no 2. Structure of the areas planned for mine clearance and mine searching:

No.	County	Plan (m ²)	Area structure													
			Houses and yards		Agricultural areas		Objects of infrastructure		Forests, fire lines and section lines		Meadows and pastures		Underbrush and karsts		Other	
			(m ²)	(%)	(m ²)	(%)	(m ²)	(%)	(m ²)	(%)	(m ²)	(%)	(m ²)	(%)	(m ²)	(%)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	Lika-Senj	3.980.000	163.457	4,1	2.696.067	67,7	299.731	7,5	720.745	18,1	100.000	2,5	0	0,0	0	0,0
2	Osijek-Baranja	3.790.000	27.044	0,7	634.073	16,7	782.463	20,6	708.053	18,7	0	0,0	0	0,0	1.638.367	43,2
3	Sisak-Moslavina	3.480.000	512.300	14,7	1.540.663	44,3	1.018.851	29,3	385.439	11,1	0	0,0	0	0,0	22.747	0,7
4	Vukovar-Srijem	3.270.000	12.597	0,4	1.776.202	54,3	637.574	19,5	269.242	8,2	0	0,0	0	0,0	574.385	17,6
5	Zadar	2.770.000	452.152	16,3	600.000	21,7	437.482	15,8	727.498	26,3	196.824	7,1	0	0,0	356.044	12,9
6	Karlovac	2.200.000	30.000	1,4	1.372.286	62,4	415.214	18,9	382.500	17,4	0	0,0	0	0,0	0	0,0
7	Dubrovnik-Neretva	2.150.000	0	0,0	0	0,0	253.982	11,8	200.830	9,3	0	0,0	1.695.188	78,8	0	0,0
8	Požega-Slavonia	1.660.000	90.000	5,4	454.869	27,4	315.678	19,0	699.453	42,1	100.000	6,0	0	0,0	0	0,0
9	Split-Dalmatia	1.300.000	0	0,0	0	0,0	170.000	13,1	150.000	11,5	29.735	2,3	350.000	26,9	600.265	46,2
10	Šibenik-Knin	1.100.000	130.310	11,8	370.000	33,6	479.382	43,6	98.726	9,0	0	0,0	0	0,0	21.582	2,0
11	Brod-Posavina	740.000	50.000	6,8	428.500	57,9	261.500	35,3	0	0,0	0	0,0	0	0,0	0	0,0
12	Virovitica-Podravina	560.000	0	0,0	0	0,0	165.000	29,5	306.592	54,7	75.000	13,4	0	0,0	13.408	2,4
TOTAL (m ²):		27.000.000	1.467.860	5,4	9.872.660	36,5	5.236.857	19,4	4.649.078	17,2	501.559	1,9	2.045.188	7,6	3.226.798	12,0

Graph no 2. Structure of the areas planned for mine clearance and mine searching as per counties:



For 2006, the largest portion of areas planned for humanitarian demining represent the agricultural areas. The largest planned areas are situated in the southern part of Gospić Town, eastern Slavonia, in the Ilok Town and municipalities of Markušica and Nijemci and by the river belt of Kupa River in the towns of Petrinja and Karlovac. The demined area, which will be returned back to community for the safe usage, totals 10.000.000 m² (1000 ha).

The investments of Croatian Power Distribution Company Ltd, Croatian Railways Ltd., PLINACRO Co. (Croatian Gas line) and JANAF Co. (Croatian Pipeline) for demining in 2006 should secure mine clearance and mine searching of the entire power transmission network, larger part of the power distribution network and railways network of the Republic of Croatia, as well as the entire network of existing gas lines and pipelines and also the Zagreb-Split pipeline that is planned to be built. Croatian Highways Ltd. are planning to invest the final works for mine searching of Lipovac junction and highway interchange on the highway part Županja-Lipovac and corridor V/c, in the area where the future bridge over the river Drava will be built.

Croatian Forests Ltd. will finance mine clearance and mine searching of forest sections in Đardanske, Kopačevske and Jagodnjačke forests in the municipalities of Bilje, Jagodnjak and Darda in Osijek-Baranja County, areas in the western Psunj and Papuk mountain in Požega-Slavonia County and border belt with Bosnia and Herzegovina in the municipality of Dvor. The State budget funds will be used for mine clearance and mine searching of the entire area of forest Musapstan in the town of Zadar, Zadar County.

Table no.2 contains a category OTHER with portion of 70,0 % including the industrial zone Nemetin 3 in the Town of Osijek and the entrepreneur zone Jošine in the Town of Vinkovci. Both zones were set as the utmost priorities for 2006 in the respective counties. Another important projects placed in that category are mine clearance and mine searching of areas suspected to contain mortal remains of victims of an aggression to the Republic of Croatia and areas of ex military objects given to the local authorities of Vis island to be used.

Almost 80 % of all mountain areas in Dubrovnik-Neretva County are areas of Srđ hill covered with underbrush and karsts and areas of the shore in the islands of Lopud and Šipan in the Town of Dubrovnik. These areas are defined as important for tourist development in the County.

Aiming at the safe and possible return of refugees and displaced persons to Croatia during 2006, it is planned to remove mine threat from almost 1.500.000 m² of mine suspected areas in the village of Sunja in Sisak-Moslavina County, the municipalities of Novigrad, Zemunik Donji and Poličnik in Zadar County, towns of Skradin and Vodice in Šibenik-Knin County, and all other counties where there are houses and yards contaminated by mines and UXOs.

Humanitarian demining of meadows and pastures during 2006 will be executed in removing of antipersonnel mine fields in the Municipality of Zemunik Donji and removal of UXOs in the Town Of Gospić.

"2006 Military Objects Demining Plan" that is composed by the Ministry of Defense is an integral part of this Plan.

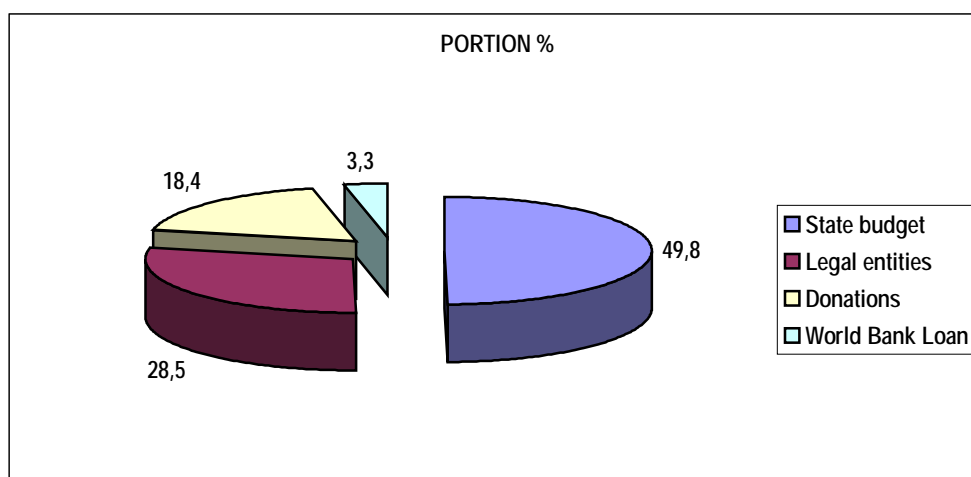
2.2 FINANCING

Financial funds needed for execution of stated activities are secured and they total **302.000.000 kn**.

Table no 3. Financial resources planned for mine clearance and mine searching

No.	Financial source	Amount	Portion
1.	State budget	150.300.000	49,8
2.	Legal entities and state administration bodies and local authorities (Public companies and other legal persons)	86.000.000	28,5
3.	Donations	55.700.000	18,4
4.	World Bank Loan	10.000.000	3,3
TOTAL:		302.000.000	100,0

Graph no 2: Portion of financing humanitarian demining as per sources of financing



State budget

This year, State budget participates with 49,8 % in planed funds needed for humanitarian demining, which totals **150.300.000,00 kn.**

Table no 4. List of mine action resources covered by the State budget

No.	Activity	Description	Planned
1.	A672000	Management and administration	40.721.455
2.	A672007	Humanitarian demining	150.300.000
		Medical services and mine warning signs	750.000
		Transportation allowances and per diems for deminers	500.000
		Demining – donations	20.000.000
3.	A672020	Unique topographical data base	5.000.000
4.	K672008	Informatisation	430.000
5.	K672009	Equipping	380.000
6.	K672025	Fees for CROMAC-CTDT and education of CROMAC employees	400.000
7.	K672011	Maintenance and renewal of vehicles	1.500.000
TOTAL:			219.981.455

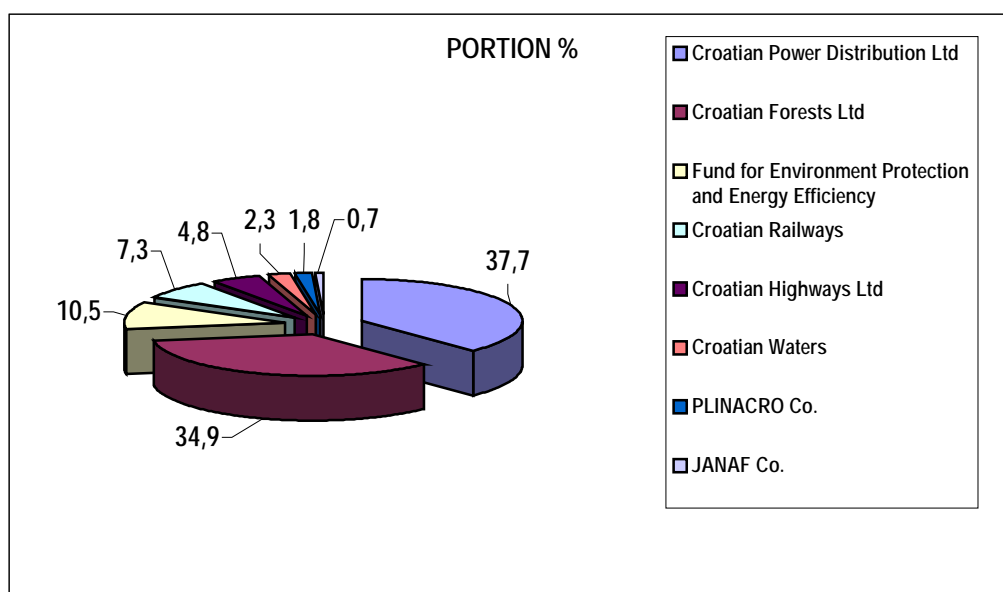
Legal entities and state administration bodies and local authorities

Legal entities that are financing demining of the objects of their infrastructure and other areas owned by them plan to spend **86.000.000 kn** during 2006, which represents 28,5% in the overall financing funds.

Table no 5. Legal entities and state administration bodies and local authorities

No.	Financial source	Amount	Portion
1.	Croatian Power Distribution Company Ltd.	32.400.000	37,7
2.	Croatian Forests Ltd.	30.000.000	34,9
3.	Fund for Environmental Protection and Energy Efficiency	9.000.000	10,5
4.	Croatian Railways	6.300.000	7,3
5.	Croatian Highways Ltd.	4.100.000	4,8
6.	Croatian Waters	2.000.000	2,3
7.	PLINACRO Co. (Croatian Gas line)	1.600.000	1,8
8.	JANAF Co. (Croatian Pipeline)	600.000	0,7
TOTAL:		86.000.000	100,0

Graph no 3. Legal entities and state administration bodies and local authorities



Croatian Power Distribution Company will spend the largest portion of these funds in order to demine the most of their own objects that cannot be maintained, reconstruction or similar due to the mine problem. The second public company that will spend their funds for economic development are Croatian Forests Ltd that will demine forest areas where there is a great danger of degradation and possible deterioration of forest economy due to the disabled implementation of cultivating and protective measures.

Fund for Environment Protection and Energy Efficiency will finance, through the local authorities, those projects in which the humanitarian demining is one of the prerequisites for realization projects from their field of work, such as recovery of illegal waste depots, implementation of environment protection in the national parks and parks of nature and similar projects.

Donations

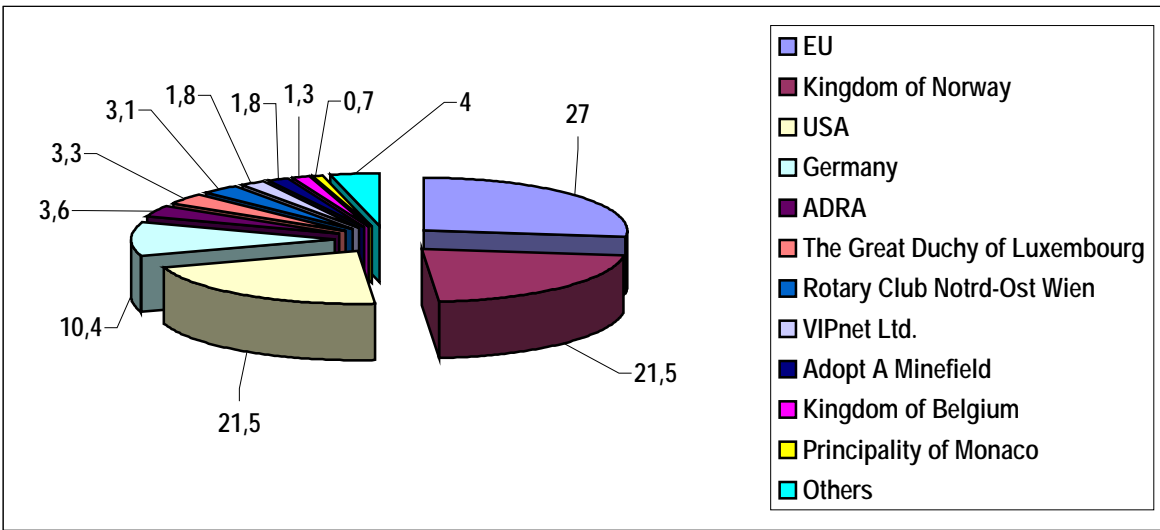
During the preparation of 2006 Humanitarian Demining Plan, donor's resources are earmarked for projects of mine clearance and mine searching with 18,4% of the total planned funds, that is, in the amount of **55.700.000 kn**. There is a possibility of increasing of these funds during this year through the funds of European Union and utilization of pre-admission funds.

Table no 6. Donations

No.	Financial Source	Amount	Portion
1.	EU	15.000.000	27,0
2.	Kingdom of Norway	12.000.000	21,5
3.	USA	12.000.000	21,5
4.	Germany	5.800.000	10,4
5.	ADRA	2.000.000	3,6
6.	The Great Duchy of Luxembourg	1.850.000	3,3
7.	Rotary Club Notrd-Ost Wien	1.700.000	3,1
8.	VIPnet Ltd.	1.000.000	1,8
9.	Adopt A Minefield	1.000.000	1,8
10.	Kingdom of Belgium	750.000	1,3
11.	Principality of Monaco	370.000	0,7
12.	Others	2.230.000	4,0

TOTAL	55.700.000	100,00
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Graph no 4. Donations



As in previous years, the largest portion of donors' funds is planned to come from the European Union, the United States of America and the Kingdom of Norway. Donated funds of Norway are realized through the nongovernmental organization Norwegian Peoples Aid that is executing mine searching and mine clearance of mine suspected areas in Zadar and Vukovar-Srijem County. Other donor funds are realized through the public tender and contracting the commercial demining agencies (legal persons and tradesmen).

World Bank Loan

It is planned to use 10.000,00,00 kn from the World Bank Loan, which represents 3,3 % of the entire demining funds for 2006. This amount will be spent in the areas prioritized during 2006 in accordance with the regional operational plans of contaminated counties that fit in programs for using the Loan.

3. FURTHER IMPROVEMENT OF HUMANITARIAN DEMINING QUALITY CONTROL SYSTEM

During 2006 humanitarian demining Quality Control and Quality Assurance shall be complied with the Law on Humanitarian Demining (National Gazette153/05).

This Law introduces a new category of the authorized person – a deminer supervisor – whose task is daily monitoring of mine clearance or mine searching works on the demining site and Quality Control of cleared or searched areas every third working day. For realization of this legal obligation, it is necessary to choose, equip and train 24 deminers supervisors and to involve them in their daily activities.

In addition to this, the complete implementation of standard operational procedures (SOPs) based on the results of test done by CROMAC-CTDT Ltd. is planned for the following:

- Sampling- for inspection and control of depth of soil treatment by demining machines,
- Sampling- for inspection and control of the area demined or searched by metal detector.

Beside these tasks, it is planned to permanently monitor the work of authorized legal persons in Quality Control field and urgent action in case of any deviations influencing the quality and safety of mine clearance and mine searching works.

4. FINALIZATION OF REVISION OF THE ENTIRE MINE SUSPECTED AREAS IN CROATIA

Execution of a general survey (activities of data collecting regarding mine suspected areas, data processing, analysis, integration and conclusions about the current status and recommendation of future actions) during 2004-enabled CROMAC to define complete mine suspected areas in Croatia. During 2005, CROMAC started a revision of the defined mine suspected areas in order to maintain updated information in respect of mine suspected areas, that is to have actual data of the area. During 2006 it is planned to finalize the revision of the general survey regarding the entire mine suspected areas in the Republic of Croatia that started last year.

It is expected that the starting 1.147 km² of mine suspected area would be reduced based on data, analyzed until now, deriving from the current revisions of mine suspected areas.

The process of updating data on mine suspected areas will go simultaneously with the process of updating mine contamination maps that were delivered to local authorities and police administrations in order to timely and regularly introduce all citizens to the existing mine problem.

5. MAINTENANCE OF THE LEVEL OF MARKING OF MINE SUSPECTED AREAS

The activities of general survey, mine clearance and mine searching during previous years as well as the activities of general and technical survey planned for 2006 will be paralleled with implementation of the control of the level of marking and additional marking of mine suspected areas, if needed, for creation of clear line between safe and unsafe, mine suspected area.

The location of mine warning signs is one of the basic elements in the mine information system and it is marked and visible on the mine contamination maps delivered to local authorities in municipalities and counties, police administrations and to other individuals or legal persons upon their requests.

6. DEVELOPMENT OF THE HUMANITARIAN DEMINING PROGRAM 2007-2009 DRAFT

Croatian Mine Action Center will develop and submit a three-year Humanitarian demining plan 2007-2009 to the Government of Croatia for approval. This draft will be based on the results achieved until today regarding defining mine suspected areas and on the results of the revision of general surveys implemented in the entire mine suspected areas of Croatia. It will also be based on the planning of the State budget for 2007 and 2008 as well as other available financial resources.

The Humanitarian demining plan will define basic emphasized tasks for the period from 2007-2009 taking into consideration everything above mentioned and points of view of all interested and responsible for mine action in Croatia.

7. COMPLETION OF MINE INFORMATION SYSTEM AND PLACEMENT INTO OPERATION

The realization of the project CROMAC GIP – unique topographic database started in 2005 as an integral part of CROMAC mine information system (phases 1 and 2a are finalized). In addition to this, a SCAN Center I started working in the springtime, employing four mine victims.

It is expected to complete 2nd phase of SCAN center (donated by the Kingdom of Norway) by the end of 2006. This project is comprised of two parts: the first is the hardware and software improvement of the basic project, the second one will cover a development of a Digital Orthophoto in color, scale 1:2 000 and accuracy of 20 cm for the entire mine suspected area in Croatia. This project is on going and the completion is planned for the end of June 2006, for the first part, and the end of December 2006, for the second part of the project.

Full 2nd phase of the CROMAC GIP project will be finalized by the end of 2006, under condition that the topological geo-spatial database is finalized (this should be done by the State Geodetic Administration as per signed agreement with CROMAC). Finalization of this project will enable the creation of the central geo-spatial database of high quality and actual topographic and cadastral data functioning within the mine information system.

Planned completion of MIS upgrade in 2006 and finalization of SCAN center project and CROMAC GIP project as well as installed program solution and database will secure:

- Qualitative and fast scanning of all information placed on sketches and maps, that is the basic tool for transferring existing analog mine information into digital form adequate to be inserted into CROMAC MIS,
- Visualization of data stored in topological database,
- Accessibility of data and topological database to all users of system regardless of the access location,
- Making of maps in different scale, format and content, when needed.

Completion of mine information system presents CROMAC as regionally important center for provision of services in the field of the humanitarian demining.

8. MINE RISK EDUCATION AND MINE VICTIMS ASSISTANCE

Croatian Mine Action Center will coordinate and implement Mine Risk Education and Mine Victims Assistance activities in cooperation with relevant ministries, national and international humanitarian organization, associations and other institutions through following programs:

- Strengthening the role of county mine action bodies,
- Development of National Mine Risk Education Strategy according to the new Law on humanitarian demining,
- Participation in panels "Children in mine environment" and similar lectures for endangered population,
- Execution of educational campaign "April - Month of Protection of Mines",
- Participation in educational TV or radio shows with the subject on mine action,
- Involvement in various humanitarian actions: "Bracelets of Friendship", "Paper man removes mines – Paper man plants new trees" etc. in order to collect funds for demining and raise mine awareness,
- Participation in organization and development of the Pilot project "Children for safer world" prepared by Regional Center for Assistance and Disaster Relief from Split,
- Introduction of Mine Risk Education programs into extra curriculum of elementary and secondary schools through interesting events – strengthening of civil society,
- Making of an epidemiological study of mine incidents and mine victims in cooperation with National Center for Disease Control from USA and publish it in medical and other magazines,
- Participation in organization and preparation for seminars for county representatives of Croatian Mine Victims Association as a part of capacity building of CMVA,
- Keep stimulating engagement of mine victims in mine action system, their employment in CROMAC SCAN Center,
- Initiate and encourage engagement of celebrities, public persons and media aiming at raising funds for mine victims' assistance.

9. INTERNATIONAL COOPERATION

In the period from February 1st to March 9th, 2006 there will be testing of highly sophisticated mine detection machines developed in Japanese universities, institutes and companies. Testing will be held on Benkovac test field and it is based on the Memorandum on Cooperation signed by CROMAC-Center for testing, development and training Ltd. (HCR-CTRO) and Japan Science and Technology Agency – JST. The very testing, results analysis and other related activities will be done by the scientists coming from the Japanese universities, who are the holders of development projects for specific instruments, CROMAC experts, experts from various world organizations and institutions from this field of expertise such as Federal Institute for Materials Research and Testing (BAM - Berlin), Geneva International Center for Humanitarian Demining (GICHD) and International Test and Evaluation Program for Humanitarian Demining (ITEP).

Croatian Mine Action Center, together with CROMAC-Center for testing, development and training Ltd. will organize the third international symposium "Humanitarian Demining 2006" in Šibenik during the month of April this year. The subject of this symposium is "Mine and UXO Detection".

It is planned to continue with already existing good cooperation CROMAC has with embassies and diplomatic and consular representative bodies in Croatia, international organizations, non-governmental organizations and individuals during 2006. Especially, the current cooperation with the Delegation of the European Commission and the Office of the World Bank will be intensified with the aim of using funds for the pre-access funds of the European Union within the next two years. Also, CROMAC would like to use funds by realizing World Bank Loan for Project of Social and Economic Development of the Republic of Croatia.

In addition to the mentioned activities, it is planned to intensify the cooperation with the leading international organizations and institutions from the mine action field as well as with the national mine action centers of the countries facing mine problem in order to further promote Croatian humanitarian demining system, which has been recognized as one of the most qualitative and the most efficient one. The goal of all these activities is creating better opportunities for placement of our knowledge and technologies at the higher mine action level in the world.