



HRVATSKI CENTAR ZA RAZMINIRANJE

**The Convention on the Prohibition of the Use,
Stockpiling, Production and Transfer of Anti-
Personnel Mines and on Their Destruction**

REQUEST

**for an extension of the deadline for
completing the destruction of anti-
personnel mines in mined areas in
accordance with Article 5,
paragraph 1**

Contents of request

1. **Origins of the Article 5 implementation challenge**
2. **Nature and extent of Croatia's challenge: quantitative aspects**
3. **Nature and extent of Croatia's challenge: qualitative aspects**
4. **Methods used to identify areas containing AP mines and reasons for suspecting the presence of AP mines in other areas**
5. **National demining structures**
6. **Nature and extent of progress made: quantitative aspects**
7. **Nature and extent of progress made: qualitative aspects**
8. **Methods and standards used to release areas known or suspected to contain anti-personnel mines**
9. **Methods and standards of controlling and assuring quality**
10. **Efforts undertaken to ensure the effective exclusion of civilians from mined areas**
11. **Resources made available to support progress made to date**
12. **Circumstances that impede compliance in a 10 year period**
13. **Humanitarian, economic, social and environmental implications**
14. **Nature and extent of the remaining Article 5 challenge: quantitative aspects**
15. **Nature and extent of the remaining Article 5 challenge: qualitative aspects**
16. **Amount of time requested and a rationale for this amount of time**
17. **Detailed work plan for the period of the requested extension**
18. **Institutional, human resource and material capacity available**

1. Origins of the Article 5 implementation challenge

- Origins of the problem
 - War between 1991-1995
 - II World War
 - 14 out of 21 county

- Mine Ban Convention
 - signed December 4, 1997
 - Entered into force March 1, 1999
 - deadline March 1, 2009

2. Nature and extent of Croatia's challenge: quantitative aspects

- 1996 – UNMAC estimation 13.000 km²
- 1998 – CROMAC established 5.980 km² (11.228 minefield records)
- 2000 – National Plan 4.000 km²
- 2003 – CROMAC SOP's 1.350 km²
- 2005 – General survey 1.147 km²
- 2007 – Revision of GS 997 km² (14.526 warning signs)

3. Nature and extent of Croatia's challenge: qualitative aspects

- Mine incidents
 - 1991-1995
 - 1996-1998
 - 1999-2007

- Priorities in previous periods
 - houses for reconstruction
 - infrastructure
 - turistic destinations
 - agricultural land

4. Methods used to identify areas containing AP mines and reasons for suspecting the presence of AP mines in other areas

- CROMAC database + data collected from MoD, MoI, AKD Mungos, UNMAC
 - General Survey
 - Technical Survey
 - Demining

- Result of these activities
 - The size and dispersion of MSA
 - The structure of MSA
 - Information on minefields placed
 - The structure of MSA according to method of conducting demining activities

5. National demining structures

- 1991-1995 – Croatian Army, MoI
- 1996-1998 – UNMAC, AKD Mungos (Law on demining)
- 1998 – CROMAC
 - collecting and processing data
 - planning of demining operations and organizing public tenders,
 - MSA marking,
 - drafting of demining and technical survey projects,
 - quality assurance and quality control,
 - issuance of demining certificates,
 - co-ordination of MRE and MVA activities,
 - international co-operation.
- 2000 – National Mine Action Program

6. Nature and extent of progress made: quantitative aspects

- Demined
 - 1991-1997 – 40 km²
 - 1998-2007 – 226,5 km²
- Destroyed 1999-2007
 - APM 26.570
 - ATM 19.860
 - UXO 202.166
- Reduced with General & Technical Survey
 - 583,1 km²

7. Nature and extent of progress made: qualitative aspects

- 40 road and railway bridges
- 200 km of highway
- 350 km of state and county roads
- 200 km of railway lines with 21 railway stations
- 300 km of channels and dikes
- Water supply system
- Electro-distribution network
- Oli pipelines
- Telecommunication facilities
- Turistic destinations
- Parts of the National Parks and Parks of Nature
- 14.500 big warning signs
- 187 mine victims

8. Methods and standards used to release areas known or suspected to contain anti-personnel mines

- General Survey
- Technical Survey
- Demining
 - Mine clearance
 - Manual mine detection
 - Using mine clearance machines
 - Using mine detection dogs
 - Mine searching
 - Manual mine detection
 - Using mine clearance machines
 - Using mine detection dogs

9. Methods and standards of controlling and assuring quality

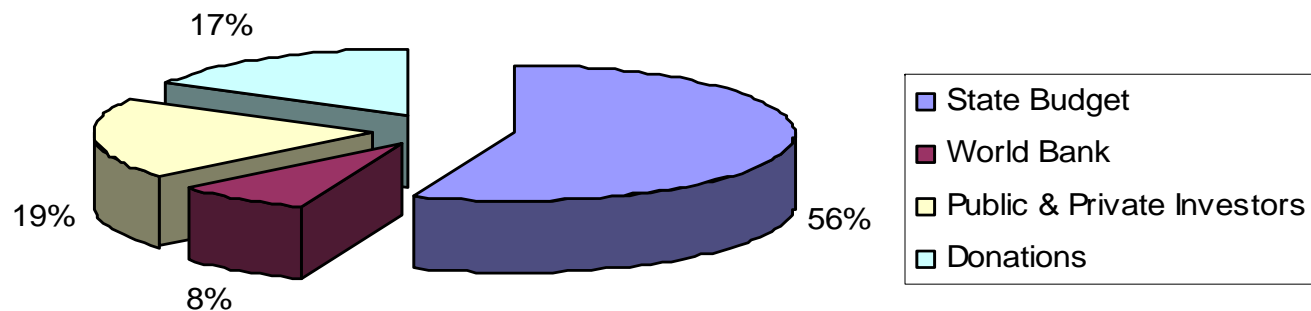
- CROMAC
 - 1998 – 5 QA inspectors (sampling 0,5%)
 - 2003 – 9 QA inspectors, 9 QA officers
 - 2007 – 11 QA inspectors, 23 QC monitors (sampling 1%)
 - Company accreditation
- CROMAC CTDT
 - Testing and certification of:
 - Demining machines
 - MDD
 - methaldetectors
 - Protective equipment
- Ministry of Interior
 - Administrative and inspection supervision

10. Efforts undertaken to ensure the effective exclusion of civilians from mined areas

- Marking and fencing of MSA
 - CROMAC
- Mine risk education
 - CROMAC
 - Ministry of Foreign Affairs
 - Croatian Red Cross
 - International organizations (UN, ICRC, UNHCR)
 - NGO's
 - Other ministries

11. Resources made available to support progress made to date

- State budget €183.8 mill.
- Private investors €63.7 mill.
- Donors €55.7 mill.
- World Bank loans €27.8 mill



12. Circumstances that impede compliance in a 10 year period

- 1999 - size of mine problem 5.980 km²
- Average price 1,86 €/m²
- 11,1 billion €
- No minefield records
- Big UXO problem
- Prime task – setting the priorities

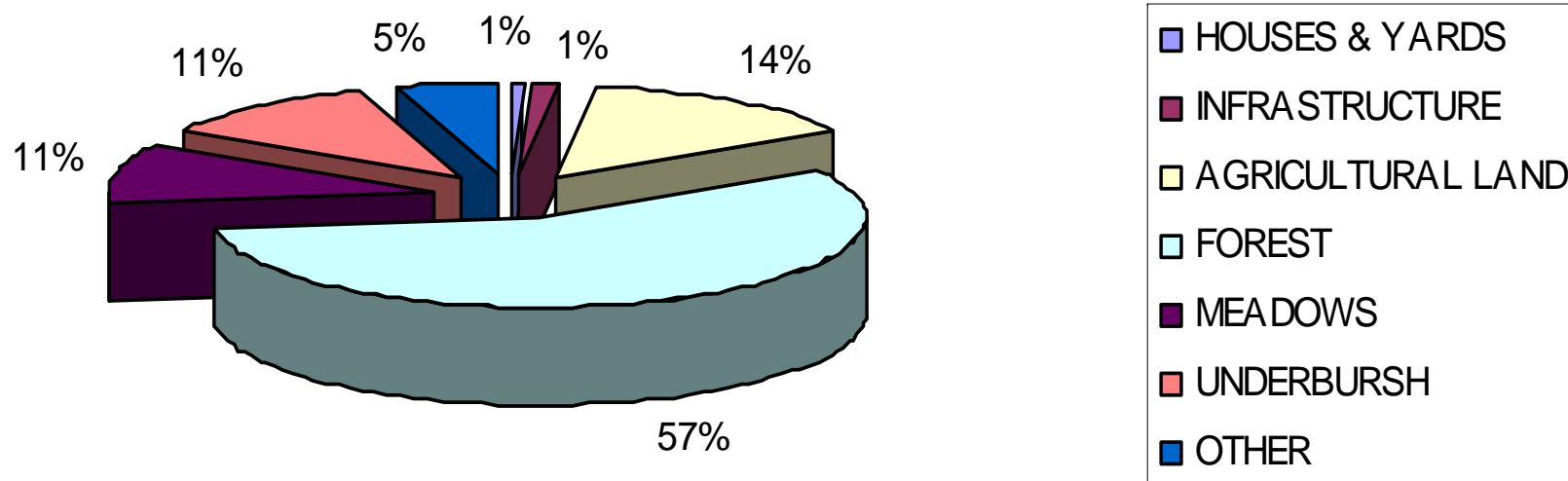
13. Humanitarian, economic, social and environmental implications

Group	I Subgroup	II Subgroup	III Subgroup
SAFETY	Schools, hospitals, playgrounds	Areas near settlements	Forests near settlements
	Settlements		
	Turistic destinations		
	Safety area near factories		
	All known minefields		
SOCIO-ECONOMIC	Houses for reconstruction	Agricultural land II category	Agricultural land III category
	Agricultural land	Infrastructural objects II category	Infrastructural objects III category
	Infrastructural objects	Parts of forests	Parts of forests
	Parts of forests		
ECOLOGY	Nacional parks	Parts of parks of nature	Parts of parks of nature
	Wild depos	Forests for special puropses	
	Fire protection		

14. Nature and extent of the remaining Article 5 challenge: quantitative aspects

- MSA 997 km²
- 12 counties – 112 municipalities
- 834.000 affected citizens
- 7.247 minefield records
- 237.939 mines
- Unknown number of UXO

15. Nature and extent of the remaining Article 5 challenge: qualitative aspects



16. Amount of time requested and a rationale for this amount of time

- Size of MSA
- Available financial resources
- Demining capacities
- 10 years

17. Detailed work plan for the period of the requested extension

- Demining of all registered minefields and the ones yet to be discovered in the future period,
- Completely remove mine danger from areas for the reconstruction of houses and infrastructure, agricultural areas, meadows and pastures,
- Maintain marking of mine suspected area through all phases,
- Mine risk education programs should cover the entire population living and/or working in mine suspected areas or gravitate towards them,
- Continue providing care and rehabilitation including psycho-social rehabilitation and economic reintegration to all mine victims.

18. Institutional, human resource and material capacity available



✓ 29 Commercial companies

✓ 1 NGO

✓ Deminers – 568

✓ Demining machines - 45

✓ Mine detection dogs – 76

✓ Metal detectors - 708