



HRVATSKI CENTAR ZA RAZMINIRANJE

Croatian Mine Action Centre

**CROATIA'S EFFORTS TO CLEAR MINED AREAS
AND DESTROY OTHER EXPLOSIVE REMNANTS OF
WAR**

Mirko Ivanušić
Deputy Director

Sisak-44000, A. Kovačića 10
P.O.Box. 8 – CROATIA
Phone: ++385 44 554 100
Fax: ++385 44 554 111

E-mail: hcr@hcr.hr
URL: <http://www.hcr.hr>

The Tirana Workshop on Achieving Mine-Free South Eastern Europe
7 October - 9 October 2009

Year 1996, MSA=13 000 km²

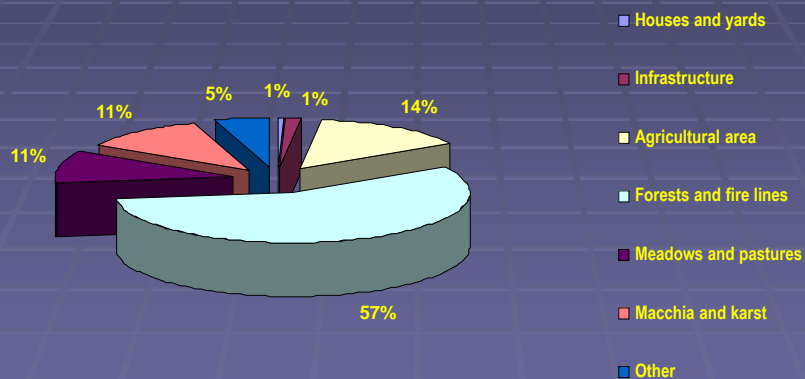




ACHIEVEMENTS 1998-2008

- *Invested 380.000.000 EUR in demining operations*
- *Destroyed more than 80.000 mines and 200.000 UXOs*
- *Mine hazardous area marked with 15.000 warning signs*

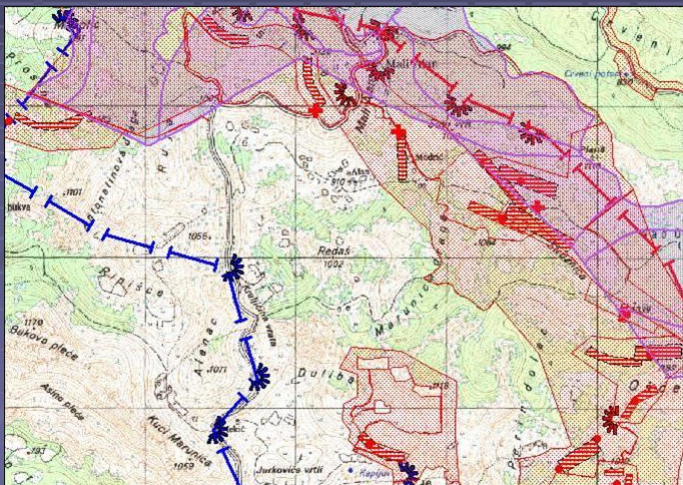
Structure of mine problem



DIGITAL ORTOPHOTO map



DEFINED MINE SUSPECTED AREA



Other data

Locations of mine incidents

Reconstructed minefield record

Locations of minefield records

Data from the military maps

Topographic map of the area

Priorities

SAFETY ISSUES

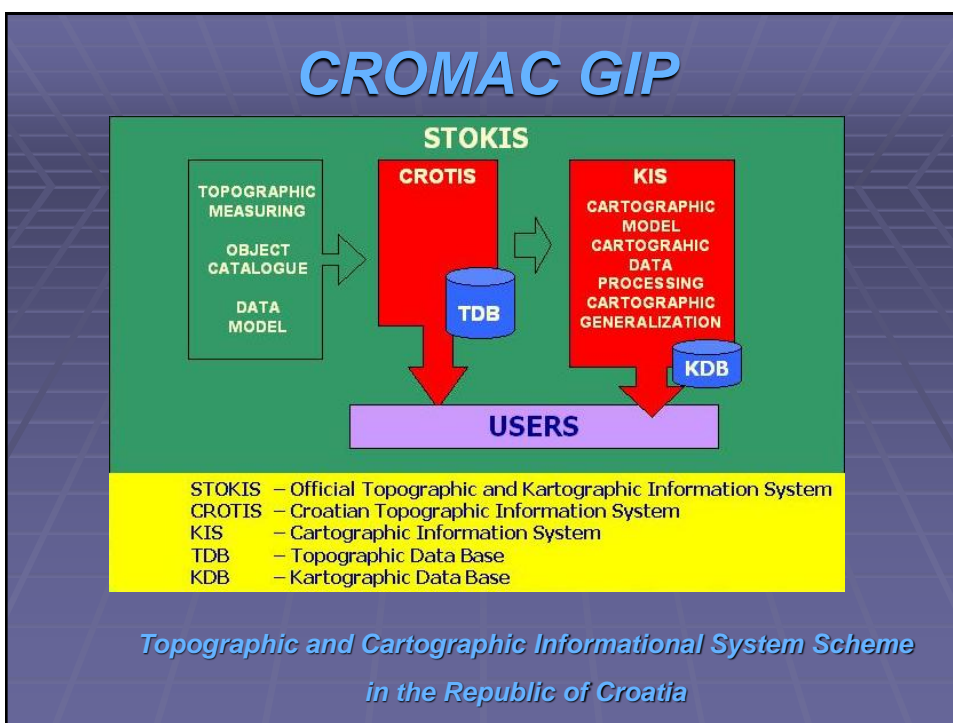
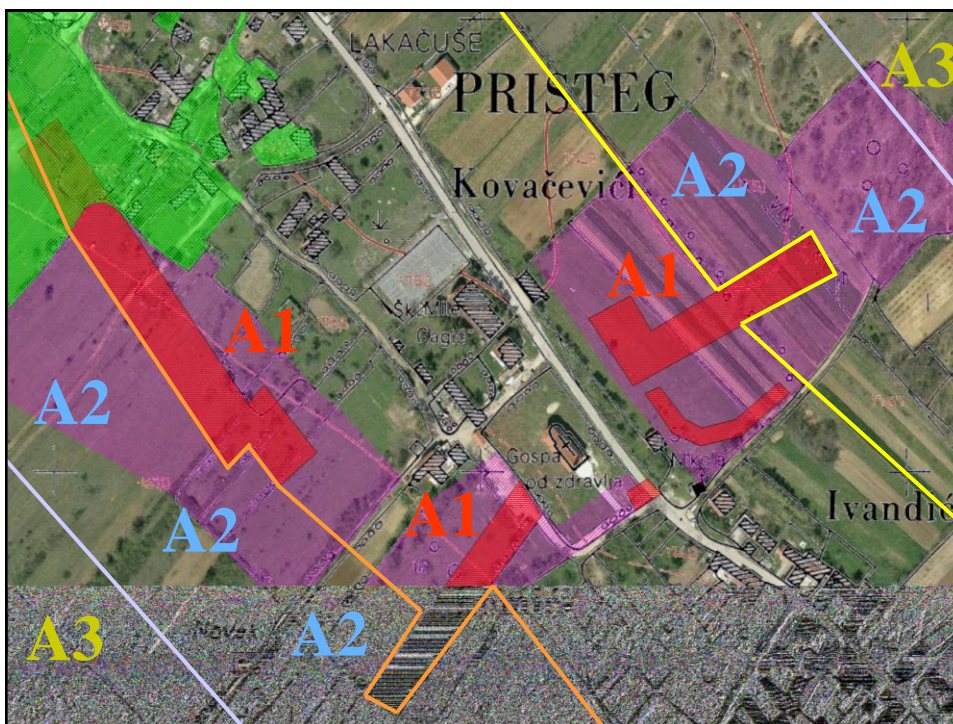
- Schools, hospitals, playgrounds
- Settlements
- Turistic destinations
- Safety area near factories
- All known minefields
- Areas near settlements
- Forests near settlements

SOCIO-ECONOMIC ISSUES

- Houses for reconstruction
- Agricultural land
- Infrastructural objects
- Parts of forests

ECOLOGY

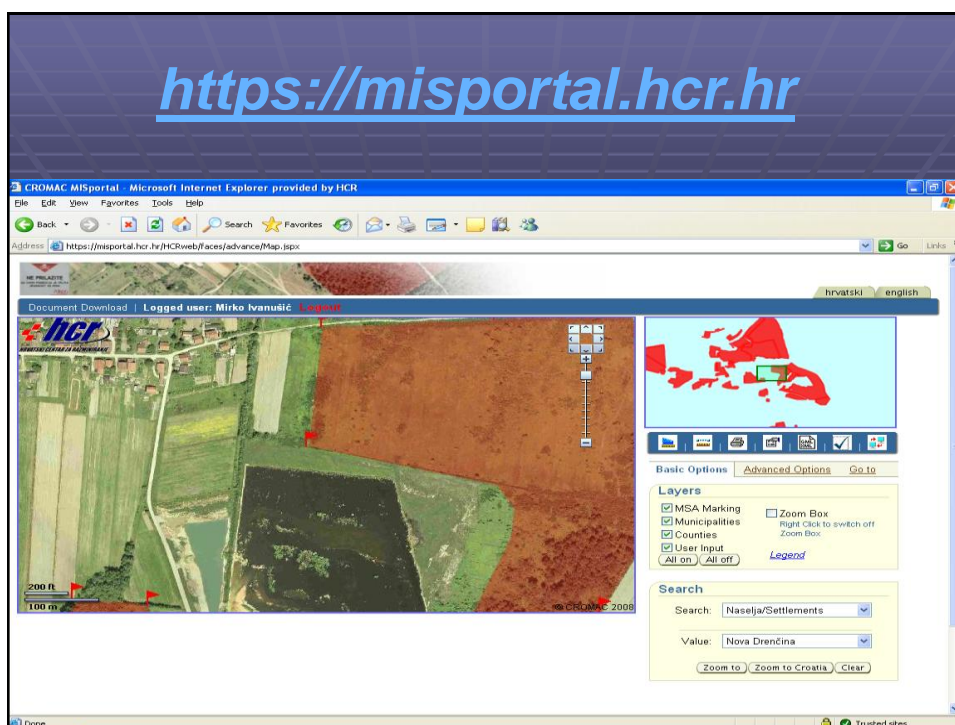
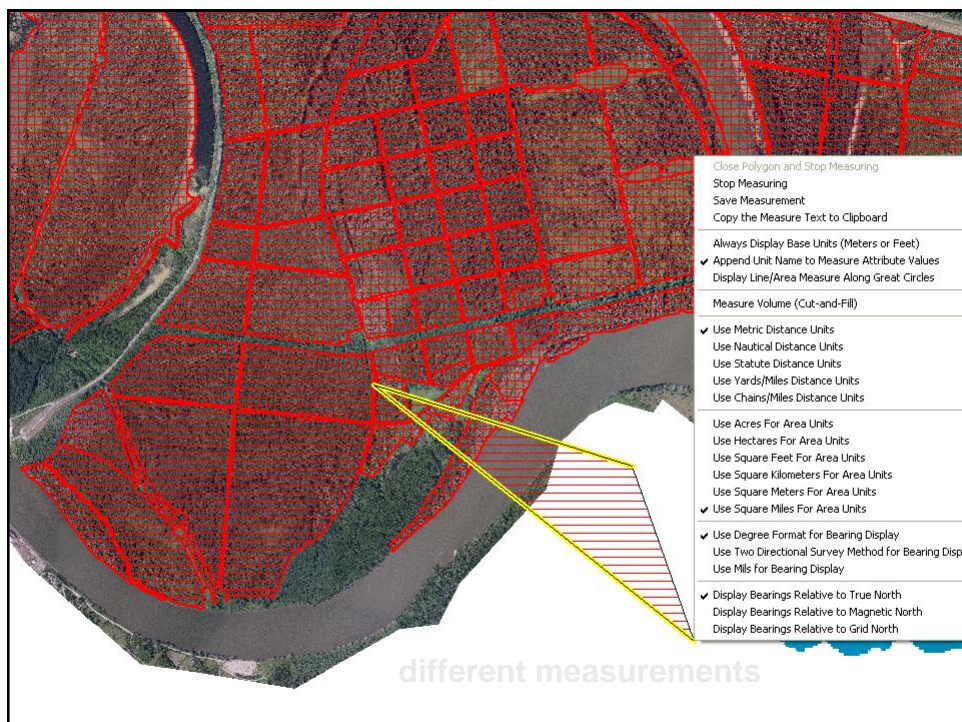
- National parks
- Parks of nature
- Wild depos
- Forests for special purposes
- Fire protection



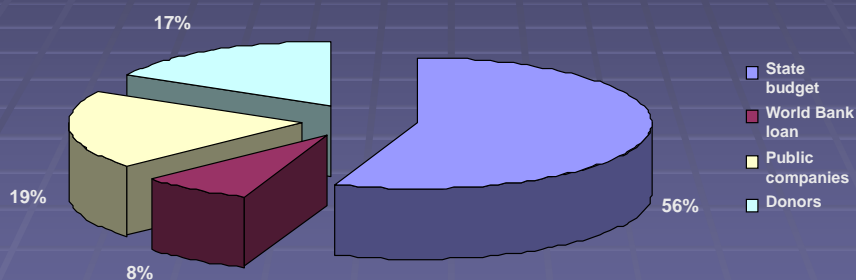
CROMAC SCAN CENTRE



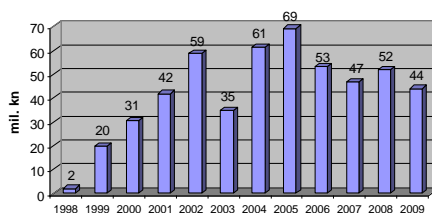
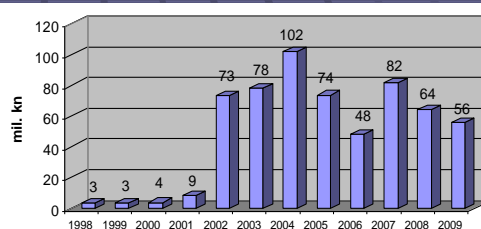
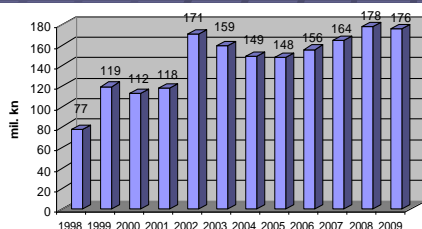
3D Model



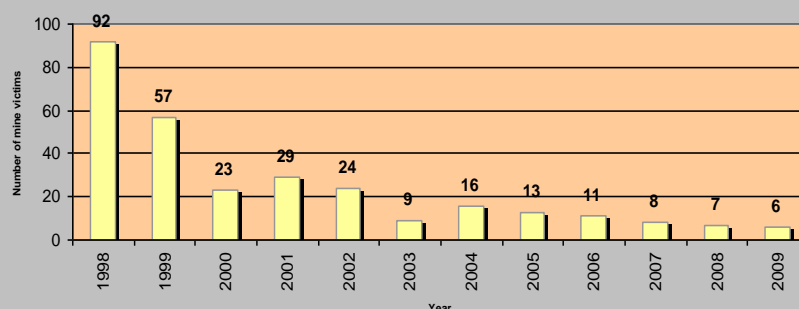
FUNDING SOURCES from 1998 – 2008



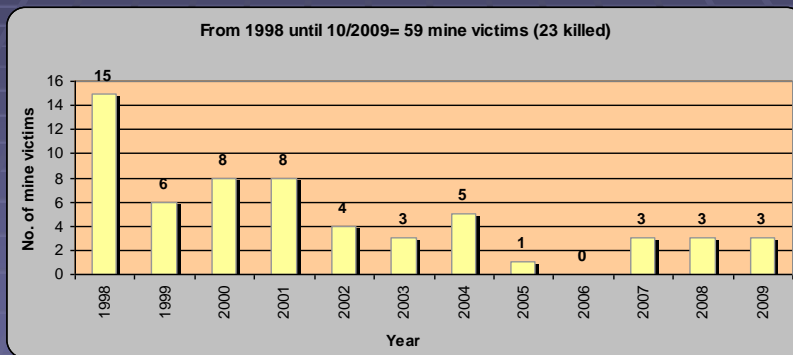
TREND OF DEMINING INVESTMENTS BY SOURCES – State Budget-Public companies- Donations



MINE VICTIMS
From 1998 until 10/2009= 295 mine
victims(109) killed



MINE VICTIMS - DEMINERS



Regional cooperation – scientific projects-seminars-symposiums



- ARC
- SMART
- MEDS-NOMADICS
- FIDO
- BIOSENS
- PELAN
- PROJECT - BEES
- 5 INTERNATIONAL SYMPOSIUMS - ON HUMANITARIAN DEMINING; 2004, 2005, 2006, 2007, 2009
- CEN WG 126 WORKSHOPS
- TESTING OF METAL DETECTORS
- ITEP-PROJECTS
- SEEMACC activities
- JOINT DEMINING PROJECTS- CROSSBORDER
- UNMAS-ITF-CROMAC-11th MEETING OF MAC DIRECTORS AND UN ADVISORS- LJUBLJANA-SIBENIK 2008

CROMAC - CTDT Ltd.



Founder – CROMAC

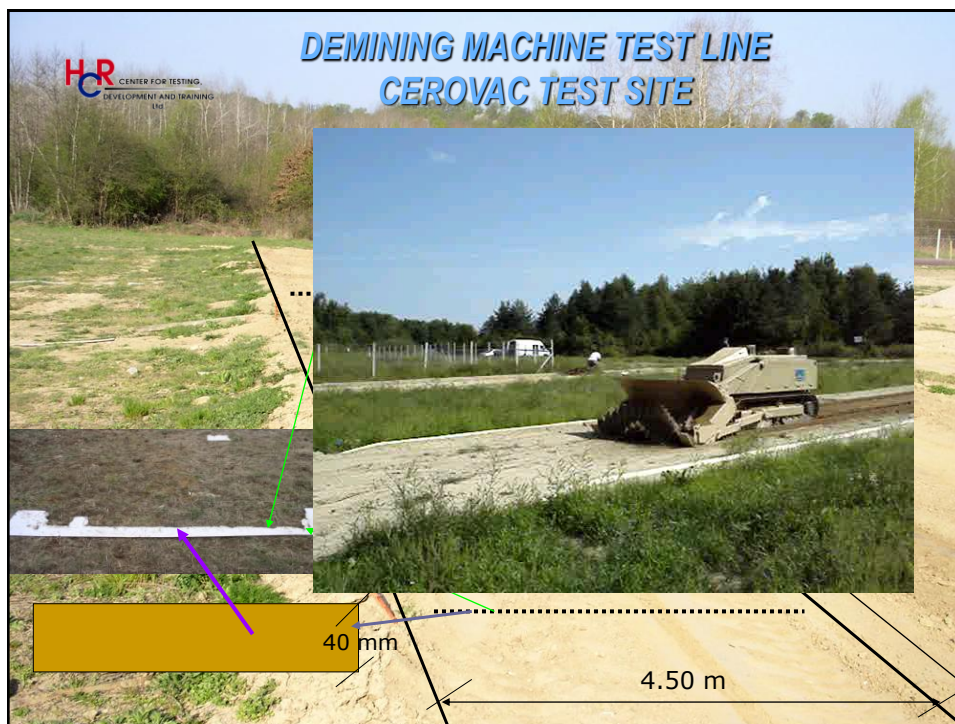
Financing: CROMAC, self-financing, donations

Basic activities – research and development in technical science

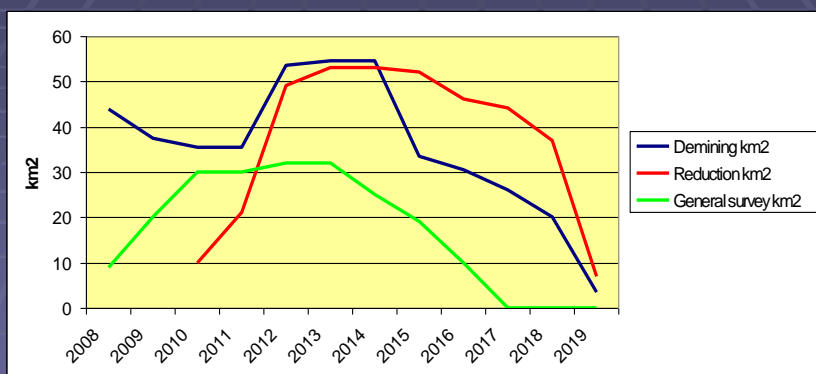
- testing of demining machines, mine detection dogs and metal-detectors and evaluation,
- business and management consulting,
- education

Scientific and expert support – CROMAC CTDT Scientific Council





Demining and Area Reduction



Management and organization

FOUNDERS (6)

CLUSTER
ASSEMBLY

CLUSTER
BOARD OF AUDITORS

CLUSTER
MANAGEMENT

Representatives of
-MINGORP
-MVPEI
-APIU

MEMBERS

- *Croatian Mine Action Center*
- *Croatian Mine Action Center – Center for Testing, Development and Training Ltd.*
- *DOK-ING Ltd.*
- *Šestan Busch Ltd.*
- *Đuro Đaković Special Vehicles inc.*
- *Borovo-Gumitrade Ltd.*
- *Regional Center for Underwater Demining*
- *Vallon Gmbh*
- *Geofoto Ltd.*
- *Istaživač Ltd.*

The purpose of the Cluster:

*promotion of humanitarian demining as an
exported commodity and launching
demining related products and services in
international market*

Business field

- *Humanitarian demining activities*
- *Market research and public opinion research*
- *Business and management consulting*
- *Promotion (advertising)*
- *Holding companies management activities*
- *Financial Mediation*
- *Organizing presentations, promotional activities, meetings, seminars and fairs*
- *Buying and selling goods*
- *Trading mediation in domestic and international markets*



Thank You!



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