Civil – Military cooperation:
Experiences of MoD members in the demining of military facilities and cooperation with national entities

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The war broke out in the Republic of Croatia in 1991. Armed forces were established with all branches (combat and combat support).

The main Engineer’s branch tasks:

- Mobility support
- Counter-mobility support
- Survivability support.
The additional tasks:

- Demining abandoned barracks and warehouses
- Destroying unexploded explosive device in populated areas
- Area clearance in/and around destroyed warehouses
After military operations „Flash” and „Storm” in 1995, demining of the newly deliberated areas (*civilian and military – the transport infrastructure, power lines and water supply system*)

Military demining of civilian areas and objects stopped after 3 soldiers were killed *(on 18 May 1998)*

<table>
<thead>
<tr>
<th>Year</th>
<th>Killed</th>
<th>Wounded</th>
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<tbody>
<tr>
<td>1996.</td>
<td>2</td>
<td>7</td>
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<tr>
<td>1997.</td>
<td>2</td>
<td>9</td>
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<td>1998. (until May 20th)</td>
<td>3</td>
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HISTORY

The Armed Forces (AF) begins demining perspective military facilities in accordance with civilian regulations.

More than 50 demining projects were implemented from 1998 to 2017;

- size of demined area – 4,34 km²,
- size of non-technical and technical survey cleared/reduced area 25,7 km²,
- detected and destroyed out – 1,976 AP mines, 2,490 AT mines and 160,372 pieces of ERW.
CURRENT ACTIVITIES

- Participation in the Law on Mine Action drafting.
- Updating a military rulebooks in accordance with the Law
  - Training
  - Organization and execution of demining
  - Quality control process.
- Contribution to the preparation of the CROMAC annual demining plan and related reports for pervious year.
- Resignation of part of the military training area to the CROMAC-CTDT.
CURRENT ACTIVITIES

The demining unit (pioneer battalion) has special equipment:

- Demining machines - MV4
- Metal detectors - Foerster 2FD i Vallon VMH3C8
- Metal detectors (for deep detection) – Foerster Ferex 4032 DLG

The members of the unit have additional benefits (salary, length of service).

All the financial costs covered by the MoD.
CURRENT ACTIVITIES

Military facilities are still contaminated by mines (know or suspected):

- 3 military training areas (30 110 000 m2)
- 1 barracks – air base (1 400 000m2)
- 1 radar position (300 000m2)
- 1 shooting range (50 000m2)
- 3 military warehouses (755 000m2)
- 1 other object (25 000m2)

TOTAL: 10 objects – 32 660 000m2

Main challenge: Training area „Eugen Kvaternik” Slunj
28 990 000m2
CURRENT ACTIVITIES

Sjeverni dio poligona Babina gora, Bršijenovica, Drenovica za razminiranje od strane HCR-a

Zagreb, April 2018.
FUTURE CHALLENGES

• Slowdown of military facilities demining process.
• A lack of available personal is caused by:
  - Constant downsizing of the military personnel
  - New security threats – new capabilities (EOD, C-IDE, route clearance…)
• CROMAC assistance to MoD in non-technical survey and demining of prospective military facilities.
• C-IED course for civilian personal?
Thank you!

Questions?