INTERNATIONAL SYMPOSIUM „MINE ACTION”
2004-2018

15 years of good practice of exchange of practical and scientific experience and theoretical knowledge in the field of mine action

Slano, Dubrovnik-Neretva County
10th April 2018
Why the Symposium?

Mine action in the Republic of Croatia 2004

Facts

• 1,350 sq km MSA in 14/21 counties (13,000 sq km in 14/21 in 1996)
  • Mine Information System = Databases + GIS
• Capacities/ Deminers, Demining machines, Mine detection dogs, Commercial companies
  • Laws, By-laws and Books of Regulations in Mine action
• Since 1998, the number of mine/UXO has been significantly reduced
• Scientific Council/an advisory body, consisting of university professors and members of the Science and Arts Academy. Its members work on development and elaboration of new detection and demining methods, as well as on improving the existing ones.

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Why the Symposium?

The intention was to invite mine action centers from all over the world, international organizations such as GICHD and UN agencies, NGO representatives involved in humanitarian demining all over the world, scientific institutions and governmental organizations.

The Symposium was primarily intended to serve as a platform for exchanging experiences in the area of humanitarian demining, new knowledge and skills by using new methods, methodologies and technologies, and to bring together scientists, experts, equipment producers.

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The First Symposium was organized with the purpose of presenting the Croatian mine action model, equipment and demining machine producers, other experts and organizations. Also, the intention was to intensify the cooperation in the field of mine action and to improve the quality of entire mine action system.

Our goals were:

• to exchange experiences of mine action with the international community,
• try to find or launch new solutions primarily in humanitarian demining,
• to connect an academic community with private sector,
• to connect equipment manufacturers with the private sector and donors,
• to exchange ideas, points of view in a friendly atmosphere.
21-23 April 2004, Šibenik
Reactions

Already after our Second Symposium, the incoming first reactions were:

"In my opinion, this Symposium as well as the previous ones were essential contributions to the Mine Action community and those who did not attend were therefore less informed in the end."

Noel Mulliner, UN Mine Action Service

"I thank you for the remarkable Symposium. I am particularly pleased with the discussion and the creation of a new platform in testing, with the desire to organize equipment testing from the world level in the Republic of Croatia."

Christina Müller, BAM Berlin (Bundesanstalt für Materialforschung und -prüfung)

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Topics of our Symposia

• In accordance with the goals set and taking into consideration the suggestions of the participants in the Symposia we defined our topics for the presentation.

• Over the last 15 years 400 papers have been published in the field of mine action and crisis management.
Topics of our Symposiums

• The use of demining machines and mine detection dogs;
• How to use and what are the best solutions of detection devices for mines and UXO (metal detectors and dual sensors);
  • Underwater survey and demining;
• Types of methods and techniques used in demining - their advantages and disadvantage;
  • How to ensure safety in the workplace;
  • The general, technical and non-technical survey;
• We have tried to provide the best solutions for educating people involved in the humanitarian demining;
  • Quality assurance & quality control;
• An important topic was the examination, verification, validation and accreditation in mine action;
• We shared our experience and knowledge with our colleagues how to manage the risks in mine action;

• During all 15 years we have also encouraged cooperation with between science and mine action.
Our last 14 years
Our last 14 years

- To provide participants with the opportunity of direct contact with manufacturers, we organized demonstration exercises and enabled the display of equipment and devices.
- It was not easy to bring all the machines listed below to the demonstration exercise:

  ARMTRAC 20T
  BOŽENA-4;
  DIGGER D-3;
  HYDREMA 910 MCV/2;
  MFV-2500;
  MINEWOLF 240;
  MV-4 elektro;
  RM-03;
  SCANJACK 3500;
  VF-001;
  ARMTRAC 75t-230.;
  BOŽENA-5;
  FREELAND 3000;
  HYDREMA M 1520;
  MINE WOLF;
  MV-10;
  MV-4;
  RMK-02;
  TORNADO GX500;
  BigLine 450;
  DALMATINO;
  HYDREMA2500/770;
  LOCOSTRA;
  MINEWOLF BAGGER;
  MINI MV-20;
  PT 400;
  SAMSON 300;
  VF 100;

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Our last 14 years
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Our partners/equipment exhibitors

- APOPO vzw; Ararat;
- Automehanika-autolimarija Franjo Vukić;
- BLAS-TIP d.o.o.; Borovo Gumitrade d.o.o.;
- CHD Ltd.; Cortex Engineering Ltd.;
- DIGGER DTR; Digger Foundation;
- Đuro Đaković Special Vehicles d.d.;
- FAE GROUP/PRIMETECH;
- Garrett Metal Detector, GREENROAD LTD.
- Istraživač d.o.o.; JACQUARD d.o.o.
- LUVEI d.o.o.; MDR COMPLETE DEMINING;
- Minelab International Ltd
- MineSeeker Operations;
- MINEWOLF SYSTEMS GmbH;
- PIERRE TRATTORI; RCUD
- SAAB BOFORS DYNAMICS Ltd.;
- SPINATOR AB; SCANJACK Ltd;
- ŠESTAN-BUSCH d.o.o.; UNIVERSITY OF GENOA - DIME
- Vallon GmbH; VILPO d.o.o.,

ARMTRAC Ltd;
Avangard d.o.o.,
CEIA S.p.A.;
COBHAM
DOK-ING d.o.o.;
EBINGER
FUJI TECOM Inc.
INSTITUT DR. FOERSTER;
JST Agency;
Mineburner;
Mineline International GmbH;
SENSYS GmbH
Minotehnika d.o.o.;
ROFI Industrier AS;
SPACETEC PARTNERS Sprl
SKY WATCH;
WAY INDUSTRY a.s.;

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Our last 14 years

Our Symposia were joined by other organizations and they carried out their activities within or in parallel with our agenda.

- 11. Meeting of the Directors of MACs and UN Advisers
- Coordination of the Project Managers Danish Demining Group
- Meetings of the Council for Coordination of Mine Action in South East Europe (SEEMACC)
- Implementation of the Anti-Personnel Removals, Cassette Charges and UXO (TIRAMISU)
- International Advanced Robotics Program - IARP HUDEM
- RACVIAC - Security Cooperation Center
Our 14 years

Results

• 2,500 participants from 67 countries,
• over 450 different organizations,
• 400 papers published on topic of mine action,
• 28 demining machines were presented,
• 46 equipment exhibitors.
Our 14 years

...and we also sang, explored national beauties of Croatia, Šibenik aquatorium
15th Symposium

Topic 1.
THE OTTAWA TREATY – A WORLD WITHOUT MINES BY 2025

Topic 2.
GLOBAL MINE ACTION EXPERIENCES (Mine and ERW contamination)

Topic 3.
NEW TECHNOLOGIES IN MINE ACTION

Topic 4.
MINE VICTIMS ASSISTANCE

Topic 5.
TERRORISM AND ERW

Topic 6.
IEDs – EXPERIENCES AND METHODS OF APPROACH

Topic 7.
NATURAL DISASTERS / CRISIS SITUATIONS AND MINE ACTION (Explosions of ammunition depots, fires, floods)

We hope to be your hosts next year!

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Thank you all who have contributed to the organization of the previous Symposia.
We express our sincere gratitude.

Thank you!

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