

NATO EOD DEMONSTRATIONS & TRIALS 2021

BRATISLAVA, SLOVAKIA, 13 – 14 OCTOBER 2021

“TECHNOLOGICAL INNOVATIONS INFLUENCING FUTURE EOD AND RELATED CAPABILITIES”

1. **Background.** NATO EOD Demonstrations & Trials series is organized based on the Defence Against Terrorism Programme of Work (DAT POW) under the auspices of the NATO Emerging Security Challenges Division. The main goal of the events is to accelerate the fielding of counter-measure technological solutions in order to better equip our armed forces and civilian response agencies based on current missions experience and new perspectives.

Organizing of biennial event for experts from military and industry as EOD/CIED/MILENG conferences, demonstrations and trials has become an excellent tradition that helps entire EOD community to better understand each other by exchanging information. Thanks to these meetings, we can define the possible ways of progress, especially via new research focused on EOD/IEDD/MILENG technology development and later through new EOD TTPs integration in the field.

NATO EOD Demonstrations & Trials (NATO EOD D&T) sponsored by the NATO Emerging Security Challenges Division through DAT POW, held every two years has become a desirable cyclic event.

2. **Objectives.** The main objective of the event is to parallel mission experience to the present needs and development of new EOD and related technology and equipment. Moreover, it is a great opportunity for manufactures, research and development institutes and NATO bodies to present latest technological solutions for improvement of EOD operator's capability to the EOD operational and armament community.

Equally important is a room for discussions at the conference to analyse the existing gaps in the EOD area with focus on Urgent Military Requirements and to propose possible way ahead.

The event offers an opportunity to all the subject matter experts to take part in live demonstrations and present their newest technologically advanced equipment.

3. **NATO EOD Demonstrations & Trials 2021.** Taking into account existing and sophisticated IEDs, the event is devoted to dynamic performance and developing of EOD equipment and products that the EOD/IEDD operator could get timely and ready in scene to support C-IED effort. Various kinds of equipment used in expeditionary and domestic operations are integrated into the individual nation's armed forces. Nevertheless, the success of individual technologies is, in the most cases, directly associated with the final operators' expertise and the TTPs applied.

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New directions for the development of equipment and technology should be shaped by search focused on comparison and verifying of parameters specified by users' experience.

The overall theme of NATO EOD D&T 2021 is “**Technological Innovations influencing future EOD and related capabilities**” as a challenge for EOD/IEDD/ENG experts, scientists, producers, industry and SMEs involved in the fight against terrorism. Bringing together the operational inferences, armaments and technological EOD related entities from NATO/IP/MD nations is considered as the regular basic need for creating solutions/ways ahead and transfer them into reality.

Time	Activity	Place
13 Oct	Registration, preparation for Static exhibition and Live demonstrations	INCHEBA Expo
	Opening ceremony	
	Static exhibition	
	Live demonstration	
	Senior Military Leaders Brief (EOD/ C-IED / MILENG / JCBRND / DAT) – Current challenges and future perspectives	
	Seminar: Integration of the Exoskeleton on the Battlefield	
	Reception	
14 Oct	Conference <ul style="list-style-type: none"> • EOD Seminar Block I – Technological innovations for enhancing EOD operator protection • EOD Seminar Block II – Innovative technologies to improve detection, identification and neutralization of EO • EOD Seminar Block III – Technological advancing in EOD within maritime environment and respective interservice challenges • EOD Seminar Block IV – Misuse of technological innovations and future technological responses from the EOD/C-IED/CBRN capabilities 	INCHEBA Expo

Schedule of the event (tentative).

During conference it is expected to present information, experience, points of view based on the following guidelines:

13 October 2021
Senior Military Leaders Briefing

The Briefing is focused on COE'S mission, vision, including:

- Training possibilities
- Organization chart
- Future challenges

Live/Dynamic Demonstrations¹ will be organized during the first day of D&T 2021. These are great opportunities for industries, institutes and NATO organizations to present capabilities of equipment/devices or new methods and TTPs.

Integration of the Exoskeleton on the Battlefield Seminar

The Integration of the Exoskeleton in the Battlefield project was launched in 2017 by the EOD COE in cooperation with the NATO Communications and Information Agency (NCIA) and financed by DAT POW. The results of this project (Minimum Military Requirements and CONOPS) helps NATO and Nations to understand the technological readiness of EHPA capabilities. Speakers and exhibitors will introduce the latest achievements in the field of exoskeleton enhancement.

14 October 2021
Conference (morning session)
EOD Technology Seminar

- EOD Seminar Block I – Technological innovations for enhancing EOD operator protection
- EOD Seminar Block II – Innovative technologies to improve detection, identification and neutralization of EO

14 October 2021
Conference (afternoon session)

- EOD Seminar Block III – Technological advancing in EOD within maritime environment and respective interservice challenges
- EOD Seminar Block IV – Misuse of technological innovations and future technological responses from the EOD/C-IED/CBRN capabilities

¹ Each entity can create its own proposal (scenario) of a live/dynamic demonstration.

4. **Audience.** The event will be attended by multinational community of EOD/C-IED/ENG SMEs and it is expected to provide inputs, comments and feedback to participating companies and organizers.

All demonstrations and conference results will be used for official purposes only and will not be released to third parties without prior authorization. Exhibition and live demonstrations will be open to the respective subject matter audience.

Nations are encouraged to invite the experts and companies capable to contribute to Defence Against Terrorism effort and all people involved in the EOD area of interest.

5. **Conditions and constraints.** NATO EOD D&T 2021 require the accurate preparation and companies/institutes should be aware of the following conditions and planning constraints:
 - a. The EOD COE with the main sponsor, the NATO Emerging Security Challenges Division and under the auspices of the Ministry of Defense of the Slovak Republic, will offer companies/institutes the opportunity to demonstrate their own products at the INCHEBA EXPO area free of charge.
 - b. The support from the NATO EOD COE during the demonstrations and exhibitions will be provided on a case-by-case basis.
 - c. Costs for transport of any equipment, devices and material from nations to/from INCHEBA EXPO and costs for operating the systems will fall on companies/institutes.
 - d. The NATO EOD COE and the Host Nation (Slovakia) will not be responsible for damages and losses that may occur to the systems, equipment and personnel during the demonstrations and exhibitions.
 - e. Security and operations safety of demonstrated and exhibited equipment, devices and systems falls under the responsibility of the participating companies.
 - f. INCHEBA EXPO will provide exhibitors with general security guard.
6. **Organizational matters.** The registration form and additional information on accommodation, transportation and administrative issues will be available at the NATO EOD COE website <http://www.eodcoe.org> from 01 MARCH 2021.

Please be aware that the **deadline for official applications** to all live demonstrations and exhibition is **31 July 2021**. The list of interested companies/institutes will be published and regularly updated at the NATO EOD COE website.

NATO bodies/organizations, representatives and military EOD/C-IED/ENG Subject Matter Experts have open space for registrations (as a visitor/observer) up to **30 September 2021**. The registration authorizes the attendee to enter the exhibition area and/or to take part at the conference.

Event security level is NATO/IP/MD UNCLASSIFIED.

7. Points of Contact

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8. **Location.** NATO EOD D&T 2021 will take place at the INCHEBA EXPO, Bratislava, Slovak Republic.

