






**COUNTER IMPROVISED EXPLOSIVE DEVICES
CENTER OF EXCELLENCE**
CTRA. M-618 COLMENAR VIEJO - TORRELODONES, KM 14
28240 – HOYO DE MANZANARES
MADRID (SPAIN)

AGENDA










Tuesday 28 th May	
08.00-08.45	Event Registration – In processing
09.00-09.30	Opening Remarks & Welcome
	 (ESP Army) Colonel Javier Corbacho Margallo . Director of the Counter Improvised Explosive Devices Centre of Excellence (C-IED COE).
09.30-10.30	Overview of IED Threat and Latest Operational Gaps and Requirements
	 (ESP Army) Lieutenant Colonel Jose Manuel Rufas . Chief of the Attack the Networks Branch, Counter Improvised Explosive Devices Centre of Excellence (C-IED COE). <i>Threat Overview and Current Operational Requirements</i>
	 (US Army) Major Thomas Artone . C-IED Staff Officer, NATO Joint Forces Command Brunssum. (FRA Army) Staff Sergeant Quentin NICOLAS . C-IED Staff Assistant, NATO Joint Forces Command Brunssum. <i>IED Threat Overview from NATO Perspective</i>

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		(US Navy) Lieutenant Luis A.Echeverria . Commanding Officer, Task Group 59.1. <i>Overview of IED Threat in the Maritime Domain</i>
10.30-11.00	Coffee Break/Static Exhibition	
11.00-12.30	Organizational & National Initiatives in C-IED Research & Development	
		Mr. Sam Henze . Staff Officer, Innovation, Hybrid and Cyber Division, NATO HQ. <i>C-IED Research & Development Initiatives by NATO IHCD</i>
		Dr. Arnold Schoolderman . Scientific Researcher, TNO Defence, Safety and Security. <i>NATO STO SCI-321 Task Group on 'UAV-applications for Military Search'</i>
		Mr. Danny Heerlein . Project Officer, EDA. <i>C-IED Research & Development Initiatives by EDA</i>
12.30-14.00	Lunch/Static Exhibition/Demonstration (RSI Europe, System Drone Spain)	
14.00-15.30	National Presentations on Specific C-IED Technological Activities and R&D Projects	
		Mr. Mark Cumo . Lead, Counter IED Technology Office, C5ISR Centre, U.S. Army Combat Capabilities Development Command. <i>USA Joint Counter IED Research and Development Program</i>
		(TUR Army) Colonel Serkan Mesut MAT . Chief of Mine/IED Branch in Turkish General Staff and SC Member of C-IED COE. <i>Türkiye National Update on C-IED Capability Development</i>
		(FRA Army) Lieutenant Colonel Gael QUINIOU . PIAM (Pôle InterArmées MUNEX), the EOD/CIED French COE, Chief of Expertises & Studies Department. <i>French Army CIED Capability Development</i>
15.30-16.00	Coffee Break/Static Exhibition/Demonstration (On Retrieval)	
16.00-17.30	Technologies Supporting C-IED Training / End Day 1	
		(ESP Army) Captain Manuel Alberto Pinillos . IED Analyst, Defeat the Device Branch, Counter Improvised Explosive Devices Centre of Excellence (C-IED COE). <i>3D Printing Project</i>
		(SVK Army) 2. Lieutenant David Slatkovsky . EOD Officer & ETACS Project Manager, EOD Technologies Info Management Branch, NATO EOD Centre of Excellence (EOD COE). <i>The EOD/IEDD VR/XR Training and Combat Support Kit (ETACS) Project</i>
		Mr. Charles Valentine . Director of Global Sales & Founder (EODynamics AB). <i>Spatial Computing and its Application in Intelligence Operations and Training</i>
21.00-23.00	Ice Breaker (Real Círculo de Labradores de Sevilla)	

Wednesday 29 th May	
09.00	Administrative remarks (if applicable)
09.00-10.40	<p style="text-align: center;">Technical Exploitation for Operational Needs</p>
	 <p>Mr. Sam Henze. Staff Officer, Innovation, Hybrid and Cyber Division, NATO HQ. <i>NATO Approach to Technical Exploitation</i></p>
	 <p>Mr. Kevin Hung. Software Engineer (DEVCOM-CBC). Mr. Raphael Moon. Technical Project Manager (DEVCOM-CBC). <i>Development of Inkjet-Deposited Test Standards for Optical Sensors</i></p>
	 <p>(ESP Navy-Marines) Major Juan Manuel Mancilla. C2 EW Analyst, Attack the Network Branch, Counter Improvised Explosive Devices Centre of Excellence (C-IED COE). <i>Tech Development and Tools in Support to Attack the Networks</i></p>
	 <p>(NLD ARMY) Major Marcel Kasson. Branch Chief Knowledge Research & Development, Joint Deployable Exploitation and Analyses Laboratory (JDEAL). <i>JDEAL Capabilities on Technical Exploitation</i></p>
10.40-11.00	Static Exhibition / Coffee Break
11.00-12.30	<p style="text-align: center;">Advanced Standoff Detection and Neutralization Technologies</p>
	 <p>Dr. Jason Han. Technical Staff, Lincoln Laboratories - Massachusetts Institute of Technology. <i>Experimental Evaluation of Technologies for Standoff Detection of PBIEDs in Unstructured Crowds</i></p>
	 <p>Mr. Vicente de Ayala Parets. Project Manager, GMV Innovating Solutions. <i>CONVOY (CIoud iNtelligent explosiVe detectiOn sYstem) Project</i></p>
	 <p>(ESP GC) First Corporal Alvaro Azcona Martin. Civil Guard Explosive Disposal Service and CBRN Defense (SEDEX-NRBQ). (ESP GC) 1st Sergeant Fernando Echevarria Villamediana. Civil Guard Explosive Disposal Service and CBRN Defense (SEDEX-NRBQ). <i>Neutralizing IEDs with Unmanned Aerial Systems (UAS)</i></p>
12.30-14.00	Lunch / Static Exhibition / Live Demonstrations (CEIA, SCANNA)
14.00-15.00	<p style="text-align: center;">Future C-UAS Solutions for Explosive Laden Drones</p>
	 <p>Mr. Rene Thaens. Head Electronic Warfare and Surveillance Branch Joint Intelligence, Surveillance and Reconnaissance, NCIA. <i>Latest Developments at NCIA on the C-UAS</i></p>
	 <p>Mr. Red McClintock. Director, DroneShield. <i>Core Principles of C-UAS Technologies</i></p>

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15.00-15.30	Coffee Break / Static Exhibition / Live Demonstration (DroneShield)	
15.30-16.30	Future C-UAS Solutions for Explosive Laden Drones (cont)/End Day 2	
		Dr. Juan Chulilla . CEO, Red Team Shield, Ltd. <i>Improvised Flying Explosive Devices: Evolution and Gray Zone</i>
		Mr. Thomas Kratzsch . Project Engineer, HP Marketing & Consulting. <i>C-UAS Solutions Against Explosive Laden Drones</i>
16.30-17.30	Live Demonstration (Guardia Civil, Red Team Shield, Allen Vanguard)	
19.00-20.00	Cultural Tour (Alcázar)	
Thursday 30th May		
09.00	Administrative remarks (if applicable)	
09.00-10.00	Future USV/UUV Solutions for Countering IED in Maritime Domain	
		(RET) Navy Captain Bulent Akgol , Naval Systems Specialist, ASELSAN. <i>Role of USV/UUVs in Countering IEDs</i>
		Ms. Holli Foster . Chief Technology Officer, Task Force 59. <i>Future Environment with Emerging Technologies in Maritime Domain</i>
10.00-10.30	Coffee Break/Static Exhibition	
10.30-12.00	C-IED Threat Mitigation-Current and Emerging Technologies	
		(POR Army) OF-4 Gabriel Gomes . Head of the Capability Development Section at the Planning Forces Division of the PRT Army Staff. <i>Current and Emerging Technologies for Blast Protection of Infrastructures</i>
		(ESP Army) Colonel Miguel Alejandro Martinez . AKHENATON Project Manager. Mr. Enrique Martin . Chief Executive Officer (E&Q Engineering). <i>AKHENATON Project Presentation</i>
		Mr. Merday Dalci . Ballistic & IED Protection SME (FNSS). <i>IED Protection on Armoured Vehicles</i>
12.00-12.30	Closing Remarks / End Day 3	