

# FUTURE FORCES®

**ADVANCED TECHNOLOGIES IN DEFENCE & SECURITY** 

## 15 – 17 October 2014 PRAGUE, CZECH REPUBLIC

# FINAL REPORT



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# FF14 - FACTS & FIGURES

#### **Exhibitors**

- 134 Exhibitors from 21 countries
- 200+ Represented companies and brands Austria (3), Belgium (2), Canada (2), Czech Republic (61), Denmark (1), Finland (1), France (4), Germany (14), India (1), Israel (2), Italy (2), NATO (2), Netherlands (4), Norway (1), Pakistan (1), Poland (6), Russia (1), Spain (1), Sweden (4), Switzerland (2), United Kingdom (7), United States (12)
- National Expositions/International Organisation Expositions 7 Czech Republic, Germany, NATO LCG/DSS C4I&A SUB-WORKING GROUP, NATO Support Agency (NSPA), Netherlands, Poland, **United States**

#### Visitors

#### 7,384 Visitors

- MoD and Government representatives 673 Official delegates from 48 countries and 15+ international organisations
- 40+ Generals representing Brazil, Czech Republic, Germany, Greece, Hungary, Korea, NATO HQ, Netherlands, Jordan, Philippines, Poland, Slovakia, Sweden, United Arab Emirates, United States
- Expert working groups 14



#### Expert Working Groups Represented

NATO Army Armament Group (NAAG) AC/225 Land Capability Group on Dismounted Soldier System LCG DSS Plenary Session

- Combat Clothing, Individual Equipment & Protection (CCIEP)
- Weapons & Sensors Non-Lethal Capabilities
- Soldier Capabilities Analysis - Ammunition Interchangeability
  - C4I System Architecture
- **Power and Connectors** Head Borne Systems TOE
- NATO Army Armaments Group (NAAG) AC/225 Joint CBRN Defence Capability Development Group (JCBRND-CDG)
- NATO Air Force Armaments Group (NAFAG) Joint Capability Group on Intelligence Surveillance and Reconnaissance (JCGISR) CCD0 Working Group (Camouflage, Concealment, Deception & Denial, Obscurants)
- NATO Support Agency (NSPA) Personal Combat Equipment User Group (PCEUG)
- European Defence Agency (EDA) Combat Equipment for Dismounted Soldier Feasibility Study Programme (CEDS-FSP)
- Multinational Logistics Coordination Centre (MLCC)

#### 4 International Workshops (2 days)

Open NATO Future Soldier Workshop; Open NATO CBRN Workshop; Unmanned Systems Workshop; Capable Logistician Workshop (CL14)

- **400+** Attendees from over 40 countries
- 89 Speakers representing 17 countries and 4 international institutions
- **15** Industry presentations

#### 3 Specialized Panel Discussions (2 days)

Ballistic & Fragment Protection: Blast: Flame, Flash & Heat

81 Participants – NATO LCG DSS CCIEP, Military & Academia, industry representatives

#### 1 International Conference (3 days)

Future Crises 2014 – Future Conflicts, Risks, Challenges and Business Opportunities - Crisis Management, Cyber Security and Network Operations, Mobile Communications, Critical Infrastructure Protection, International Cooperation & Sharing of Information, Electronic Identification of Citizens

- 200+ Attendees from over 20 Countries
- 39 Speakers
  - 16 Generals
- 15 Representatives of National Security Agencies (NSA) from 8 countries Bosnia & Herzegovina, Czech Republic, Germany, Hungary, Poland, Portugal, Romania, Slovakia
- 10+ Universities represented

#### Involved International Organisations and Institutions

- **AFCEA** International
- Counter Violent Extremism Research and Trainings International Association of Counter Terrorism & Security Professionals, South-East Asia
- European Defence Agency (EDA)
- European Defence Agency (EDA) Combat Equipment for Dismounted Soldier Feasibility Study Programme (CEDS-FSP)
- **European CBRNE Center**
- **EUROPOL**
- ICAO UASSG (group of experts on global standards development for unmanned aircraft systems)
- International Atomic Energy Agency Office of Nuclear Security
- International Committee for Robot Arms Control (ICRAC)
- International Committee of the Red Cross (ICRC) NRBC Operational Response
- **INTERPOL** General Secretariat
- Joint Authorities for Rulemaking on Unmanned Systems (JARUS)
- Multinational Logistics Coordination Centre (MLCC)
- NATO Allied Command Transformation (ACT) Strategic Plans & Policy Division (SPP)
- NATO Army Armaments Group (NAAG) (AC/225)
- NATO Explosive Ordnance Disposal (EOD) Centre of Excellence (COE)
- NATO HQ Consultation, Command and Control (C3) Staff (NHQC3S)
- NATO HQ Counter Terrorism Section, Emerging Security Challenges (ESC) Division
- NATO HQ Defence Investment Division Policy, Strategy Directorate, Policy, Plans and Partnerships Section
- NATO HQ Defence Investment Division, Armament & Aerospace Capabilities-Directorate, Land & Maritime Capabilities Section
- NATO HQ Emerging Security Challenges Division (ESCD)
- NATO HQ Land/Army Matters Logistics International & Resources Military Division Staff
- NATO HQ NATO Communications and Information Agency (NCIA), Planning & Reporting Services
- NATO HQ NATO Industry Advisory Group (NIAG)
- NATO HQ NATO Office of Resources
- NATO HQ NBC Policy Branch International Military Staff
- NATO HQ Plans & Policy Division, Nuclear & CBRN Defence
- NATO HQ WMD Non-proliferation Centre
- NATO JCBRN Defence Centre of Excellence (COE)
- NATO Science & Technology Organization (STO) Centre for Maritime Research and Experimentation (CMRE)
- NATO Smart Energy Team (SENT)
- NATO Standardization Agency (NSA)
- NATO Support Agency (NSPA)
- NATO Support Agency (NSPA) Crisis Response Operations
- NATO Support Agency (NSPA) Personal Combat Equipment User Group (PCEUG)
- NATO Supreme Allied Command Transformation (SACT)
- Organisation for the Prohibition of Chemical Weapons (OPCW) UN Joint Mission
- Supreme Headquarters Allied Powers Europe (SHAPE) CIS and Cyber Defence
- Supreme Headquarters Allied Powers Europe (SHAPE) J5 Plans & Policy CBRN SO
- The International Emergency Management Society (TIEMS) United Nations (UN) Global Service Centre United Nations (UN) World Health Organisation (WHO)

- United Nations Interregional Crime and Justice Institute (UNICRI) CBRN Risk Mitigation and Security Governance Programme



#### Involved Foreign National Organisations and Institutions

#### Australia

Department of Defence, CBRN Directorate

#### Austria

- Ministry of Defence
- **NBC-Defence** School
- Austrian Institute of Technology (AIT)

#### **Belgium**

- **Ministry of Defence**
- Joint Defence Staff, Ops & Training, Force Protection
- Belgian Defence Staff DGMR, Belgian Soldier Transformation
- Defence Laboratories (DLD)

#### **Bosnia and Herzegovina**

- Ministry of Security
- National Security Agency
- Joint Staff AF

#### Brazil

- Brazilian Air Force General Staff
- Army Staff

#### Bulgaria

- Ministry of Defence

#### Car

- National Defence HQ
- **Canadian Armed Forces**
- Defence Research & Development Canada
- **Directory Land Requirements**
- Directorate of Soldier Systems Program Management (DSSPM)

#### Co

- Ministry of DefenceGeneral Staff

#### Denmark

- Danish Defence Acquisition & Logistics
- Danish Joint Engineer and CBRN Centre
- Danish Army Combat and Fire Support

#### Estonia

- Estonian Defence Forces HQ
- Ministry of Defence, Procurement Department

#### Finland

- Finnish Defence Forces Army Staff
- Ground Forces Division/Infantry Defence Staff, Army Staff
- Finish Defence Forces, Army Materiel Command HQ

#### France

- Ministry of Defence
- Centre de défense NBC
- DGA Direction générale de l'armement
- Military Fuel Service

#### Germany

- Ministry of Defence
- Bundeswehr Research Institute for Protective Technologies and NBC Protection (WIS) in Munster
- Federal Office of Civil Protection and Disaster Assistance (BBK)
- Federal Office of Bundeswehr Equipment, Information Technology and InService Support (BAAINBw)
- Bundeswehr Research Institute for Materials, Fuels and Lubricants (WIWeB), Clothing Technology and Development
- Institute of Flight Systems
- National Security Agency

#### Gre

- Greek Intelligence Studies' Association (GISA)
- Hellenic Army General Staff
- Hellenic Army General Defence Planning and Programming



#### Hungary

- Logistics Directorate, General Staff of HDF
- National Security Authority
- HDF Joint Force Command
- **Ministry of Defence**
- **HDF General Staff Operations Directorate**
- National Security Agency

#### Korea

Korea Arms Verification Agency

#### Montenegro

Ministry of Defence

#### Netherlands

- TNO
- Centre for Terrorism and Counterterrorism (CTC)
- Ministry of Defence
- Defence Centre of Expertise for Soldier and Equipment

#### New Zealand

- 1<sup>st</sup> New Zealand EOD Squadron/1st SAS Regiment

#### Norway

- Norwegian Defence CBRN School
- Norwegian Defence Research Establishment (FFI)
- Philippines
- Ministry of Defence
- Philippine Army Service Command

#### Poland

- Ministry of Defence
- General Command of the Armed Forces, Armament & Military Equipment Division
- Inspektorat Uzbrojenia Polska
- National Security Agency

#### Portugal

- National Cybersecurity Centre
- HQ CBRE Defence Group

#### Romania

- **Romanian Secret Service**
- National Security Agency

#### **Slovakia**

Spain

Sweden

Turkey

Switzerland

DoD armasuisse

**Turkish Land Forces** 

- Turkish Air Force

**United Arab Emirates** 

Ministry of Defence

- National Armament Bureau
- Ministry of Defence
- Armed Forces Academy

- National Security Agency

- Direccion Sistemas Armas

General Staff, Slovak Armed Forces

Swedish Defence Research Agency (FOI)

Land Warfare Centre, Swedish Armed Forces

- Institute of Technology "La Marañosa" Armament Area

Escuela Militar Defensa NBQ Academia de Ingenieros (ACING)

Swiss Armed Forces NBC-EOD Competences Center NBC Center

#### United Kingdom

- Ministry of Defence
- Defence Counter CBRN Capability

#### **United States**

- U.S. Army Natick Soldier Systems
- U.S. Army Research, Development and Engineering Center (ARDEC)
- U.S. Army Maneuver Support Center of Excellence
- U.S. Army Program Executive Office (PEO) Soldier
- Marine Corps Systems Command (MARCOR SYSCOM)
- Office of the Deputy Assistant Secretary of Defense for Countering Weapons of Mass Destruction
- CBRND School
- National Defense University iCollege
- U.S. Army Tank Automotive Research, Development and Engineering Center (TARDEC)
- Georgia Institute of Technology
- Logistics Management Institute (LMI)
- Defense Logistics Agency (DLA) Europe and Africa
- US Army Dugway Proving Ground
- University of Iowa



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WE WOULD LIKE TO DEEPLY THANK TO ALL PARTNERS, EXHIBITORS, OFFICIAL GUESTS, VISITORS AND SUPPORTERS OF FUTURE FORCES 2014

### WE ARE LOOKING FORWARD TO WELCOMING YOU AGAIN TO FUTURE FORCES 2016 (FF16)

Latest needs and approaches to defence and security Protection and Equipment of Security Forces 
CBRN
Cyber Security Unmanned Systems and Robotics
Logistics
Training
Simulation
Digital Battlefield
Weapons Systems
Communication
Geospatial
Field Medical

MILITARY - POLICE - IEMS R&D - ACADEMIA - INDUSTRY

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