



MILITARY GREEN 2012

Conference-Exhibition-Demonstration

Programme



19 – 20 June 2012 Brussels, Belgium



Programme - High Level Day - 19 June 2012

08:00 - 09:00	Accreditation	Building I - Foyer
09:00 - 09:30	Opening Session	Building I - Auditorium
Welcome Address	Ms Claude-France ARNOULD	Chief Executive, EDA
Opening Remarks	H E Dr Tamás Ivan KOVÁCS	Ambassador of Hungary to Kingdom of Belgium and Grand Duchy of Luxembourg
	Mr Indrek TARAND	Member of European Parliament
09:30 - 10:30 Session A	Panel Discussion Energy and Environmental Policy Beyond 2020	Building I - Auditorium
Chair	Mr Tom SPENCER	Vice Chairman, Global Military Advisory Council
Panelists	Ms Marie DONNELLY	Director for New and Renewable Sources of Energy, Energy Efficiency and Innovation, DG Energy, European Commission
	Dr Andrew BARRETT	Senior Advisor, IHS CERA
	Mr Karl HALLDING	Senior Research Fellow, Head of China Cluster, Stockholm Environment Institute
	Dr Jason J BLACKSTOCK	Institute for Science, Innovation and Society, Oxford University and CIGI Strategic Advisor
	Mr Artur A KOLODZIEJSKI	Chief - Environmental Security Branch, USA Africa Command
	Mr Peter OLAJOS	Managing Director, GreenPlayer Ltd
10:30 - 11:00	Coffee Break & Tour of Exhibition/Demonstration	Building I - Foyer/ Grote Koer
11:00 - 12:00 Session B	Panel Discussion Impact on Defence and Crisis Management	Building I - Auditorium
Chair	Mr Tom SPENCER	Vice Chairman, Global Military Advisory Council
Panelists	H E Gabor IKLODY	Ambassador and Assistant Secretary General for Emerging Security Challenges, NATO
	RAAdm Bruce WILLIAMS	Deputy Director General, EU Military Staff
	Col Romualdas PETKEVICIUS	Deputy Director, Energy Security Centre, Lithuanian Ministry of Foreign Affairs
	Mr Paul JOHNSON	Logistic Systems & Operational Energy Management - Section Head, Director Technical - Technology Delivery, DE&S, UK Ministry of Defence
	Brig Jon MULLIN	Capabilities Director, EDA
12:00 - 12:45 Session C	Interventions Benchmark Achievements	Building I - Auditorium
Chair	Mr Tom SPENCER	Vice Chairman, Global Military Advisory Council
Greening the Blue Helmets	Mr Ivan BLAZEVIC	Programme Director Environmental Cooperation for Peacebuilding, Post-Conflict & Disaster Management Branch, UNEP
Environmental Policy of the Hellenic Ministry of National Defence - Development and Implementation Plan	Col Georgios DROSOS	Director of Department on Infrastructure and Environmental Protection, Hellenic Ministry of Defence
12:45 - 14:30	Lunch & Tour of Exhibition/Demonstration	Building K - Patio / Groete Koer
14:30 - 15:15 Session D	Panel Discussion Rio +20 (live from Rio de Janeiro)	Building I - Auditorium
Chair	Mr Tom SPENCER	Vice Chairman, Global Military Advisory Council
Panelists	Mr Jose Maria FIGUERES	President, Carbon War Room (former President of Costa Rica)
	Prof Jacqueline MCGLADE	Executive Director, European Environment Agency

15:15 – 16:15 Session E	Panel Discussion Complying With Policy While Enhancing Capabilities	Building I – Auditorium
Chair	Mr Tom SPENCER Vice Chairman, Global Military Advisory Council	
Panelists	Mr Jean PERROT Vice President, Head of R&T Institutional Affairs, EADS France	
	Mr Alexis HAMMER Domain Leader Acquisition Policy, Dstl, UK Ministry of Defence	
	Mr David MUCHOW President and CEO, Power Anywhere, LLC	
	Dr Christian BREANT Research and Technology Director, EDA	
16:15 – 16:45	Coffee Break & Tour of Exhibition/Demonstration	Building I – Foyer/ Grote Koer
16:45 – 17:15	Closing Session	Building I – Auditorium
Closing Addresses	Ms Claude-France ARNOULD Chief Executive, EDA	
17:30 – 19:00	Military Green 2012 VIP Reception	Building K – VIP Room
Hosts	Ms Claude-France ARNOULD Chief Executive, EDA	

Programme - Technical Conference - 20 June 2012

08:00 – 08:45	Accreditation	Building I – Foyer
08:45 – 09:30	Keynote Session	Building I – Auditorium
Chair	Dr Laszlo CZŐVEK Energy Project Officer, EDA	
Improving Shipping Efficiency	Mr Alisdair PETTIGREW Managing Director, Blue Communications	
09:30 – 10:45 Session A	Systems and Architecture Part 1	Building I – Auditorium
Chair	Dr Laszlo CZŐVEK Energy Project Officer, EDA	
Sustainable Design and Procurement	Mr Dinesh REMPLING Technical Project Officer R&T, EDA	
Land Open System Architecture (LOSA)	Mr Paul JOHNSON Logistic Systems & Operational Energy Management – Section of Head, Director Technical – Technology Delivery, DE&S, UK Ministry Defence	
Environmentally Friendly Solutions in Military Applications	Mr Jörn BRAUER Principal Development Officer, NATO Maintenance and Supply Agency	
10:45 – 11:15	Coffee Break & Tour of Exhibition / Demonstration	Building I – Foyer / Grote Koer

11:15 – 13:00 Session B1 Systems and Architecture Part 2	Building K – Auditorium
Chair	Mr Antoine VINCENT Technical Project Officer R&T, EDA
Dependencies on Fuel and Alternative Options for Crisis Management Operation	Mr Antoine VINCENT , Technical Project Officer, EDA and Mr Cesar GONZALEZ , ISDEFE
Power Forward Operating Base (Power FOB)	Mr Paul JOHNSON Logistic Systems & Operational Energy Management – Section Head, Director Technical – Technology Delivery, DE&S, UK Ministry of Defence
Naval Economy and Flexibility	Mr John BUCKINGHAM Chief Mechanical Engineer, BMT Defence Services Limited
Military Engine and Propulsion Systems Going Green	Mr Thomas VON RETH Director Business Development Military Applications

11:15 – 13:00 Session B2 Responsible Management of Munitions and Hazardous Substances Part 2	Building I – Auditorium
Chair	Dr Adam S CUMMING , Principal Consultant Energetics Technology, Dstl, UK Ministry of Defence
Environmentally Responsible Munitions – An EDA programme for the future	Dr Adam S CUMMING , Principal Consultant Energetics Technology, Dstl, UK Ministry of Defence
Safe and Ecological Destruction of Ammunition	Ms Olga DOBROWOLSKA Project Manager, JAKUSZ Security Systems
Hazardous Substance Management in Military Operations – How Integrated Software can Enhance Safety for People and the Environment	Prof Dr Martin HILL Vice President, Head of the Center of Excellence Sustainability EMEA, SAP
Complying With REACH in Defence – A European Approach	Ms Tarja JAAKKOLA , Assistant Director Industry and Market, EDA



13:00 – 14:15

Lunch & Tour of Exhibition / Demonstration

Building I – Patio / Grote Koer

14:15 – 16:00

Building K – Auditorium

Session C1

Improving Efficiency and Reducing Consumption - Part 1

Chair

Mr Antoine VINCENT
Technical Project Officer R&T, EDA

The Role of ICT in Energy Efficient Military Camps, Civil Business Cases and Model Examples

Dr António BENTO
ISA - Intelligent Sensing Anywhere

Renewable Energies in Combination with Energy Storage Systems for Military Field Camps

Dr Karsten PINKWART
Vice Head of Department Applied Electrochemistry, Fraunhofer Institute for Chemical Technology

TSS Habitat Systems: Supporting and Sustaining Life in Remote Locations

Ms Kris VANCOMPENOLLE
Thermal Storage Systems Inc

Demonstration of Hydrogen Fuel Cell Technology for German Land Forces

Dr Karsten PINKWART
Vice Head of Department Applied Electrochemistry, Fraunhofer Institute for Chemical Technology

Methanol Steam Reformer – High Temperature PEM Fuel Cell System Analysis

Dr Stanko HOCEVAR
Mebius d.o.o.

14:30 – 16:00

Building I – Auditorium

Session C2

The Bigger Picture

Chair

Mr Dinesh REMPLING
Technical Project Officer R&T, EDA

Sustainable Development, Defence and the EU Law Making Process

Mr Gilles LELONG
Head of European Legal Affairs, SGA, French Ministry of Defence

DEFNET – A European Network of Environmental Experts

Dialogue via Video Link with Copenhagen

Developing a European Environmental Protection Concept

Cdr Henning FALTIN
Concepts Branch, EU Military Staff

The End of Heavy Armour? – Energy Security Will Change Warfare

Capt (N) (ret) Marcel HENDRIKS VETTEHEN
Consultant, Energie Voor Inzet

International Forces in Operation – Policies and Measures to Reduce Energy Costs

Dr Sabine MUELLER
Fraunhofer Institute for Technological Trend Analysis

16:00 – 16:10

Comfort Break

16:10 – 17:10

Improving Efficiency and Reducing Consumption Part 2

Building K – Auditorium

Session D

Chair

Mr Antoine VINCENT

Technical Project Officer R&T, EDA

Cooling People, not Places. Recycling 20th Century Defence Science to meet 21st Century Challenges.

Mr Andy BUXTON

Managing Director, Sleepbreeze Ltd

Sustainable Energy for Crisis Management

Mr Juan Antonio DE ISABEL

GEOTER and Clysema AIE

Solar Energy from Space – Challenges and Opportunities

Dr Aleksander ZIDANŠEK

Josef Stefan International Post Graduate School

17:15 – 17:30

Closing Session

Building K – Auditorium

Closing Remarks

Dr Laszlo CZÖVEK

Energy Project Officer, EDA

