



CONFERENCE

SUSTAINABLE ENERGY FOR EU CRISIS MANAGEMENT: LESSONS LEARNED AND OPPORTUNITIES IDENTIFIED

5 – 6 May 2011
Budapest | Hungary

CONTEXT

EU Crisis Management Operations (CMOs) are ever growing in complexity. Ranging from deploying armed forces for peacekeeping to humanitarian aid, the scope has been widened further in latter decades to also include rebuilding society in a sustainable way. While CMOs rely almost entirely on fossil fuels to supply the necessary energy, the longer the duration and the more complex the CMO, the more dramatically burden on the logistic supply chain increases. Due to the dependency on fossil fuel, modern civil/military CMOs are not only susceptible to fluctuations in fuel prices but also burdened by the compelling cost of fuel convoys. The convoys in turn introduce new risks to the operational effectiveness and the safety of personnel in theatre.

There are several ways of tackling the issue of sustainable energy supply. Cornerstones in EDA's efforts are to increase energy efficiency and reduce energy consumption. With EDA activities currently addressing both technology and increased awareness across several platforms in the Energy Work Strand, this Conference marks an important milestone as it takes time out to learn from the story so far.

SCOPE AND AIMS

Over the years there have been several efforts in trying to tackle these issues. Ministries of Defence, International Organisations and Industries have approached and are approaching the issue in different ways. The wealth of experience gained in each of these entities has thus far seen quite limited dissemination. With shared experience having the effect of being greater than the sum of the parts, the aim of this Conference is learn from each other by presenting lessons and opportunities identified from different aspects of sustainable energy supply.

The Conference will produce a common understanding of what mechanisms affect energy supply projected onto logistics, novel systems (technology and behaviour), design and acquisition as well as implementation of novel policies and strategies.



European Defence Agency



CONFERENCE FORMAT

The Conference will revolve around oral presentations accompanied by open discussions either in syndicates or in plenum. Following a set of keynote speeches, the Conference will proceed into four sessions dedicated to the different topics mentioned above.

SUITABLE PROFILES OF ATTENDANTS

- Logisticians with in-theatre experience;
- Mission Planners with experience from planning CMOs especially with regard to energy supply
- Experts with experience in monitoring and researching energy consumption in and out of theatre;
- Experts with experience in researching, monitoring and implementing means to address behavioural patterns in and outside theatre;
- Procurement Experts with experience from energy friendly acquisition mechanisms taking into account the different aspects of materiel life-cycles;
- Industry Experts with hands-on experience from having designed and commissioned CMO energy supply systems that include novel technologies;
- Policy and Strategy Experts with experience from drafting energy friendly energy policies.

CONFERENCE PROGRAMME

THURSDAY 5 MAY 2011

08:00 – 09:00 Accreditation and Coffee

09:00 – 10:30 Opening Session

Opening

09:00-09:10 - Laszlo CZOVEK, EDA, CAP Project Officer Sustain
Introductory Remarks

Welcome Addresses

09:10-09:30 - Gyula KESZTHELYI, Director General, Hungarian MoD
Armament & Quartermaster Office
Setting the Scene

09:30-09:50 - Giuseppe SECCO, Capability Manager Manoeuvre, European
Defence Agency
EDA's Take on Energy and Environment

09:50-10:10 – Richard BUYS, Senior Advisory Officer, European Centre for
Defence-Security and Environment
Energy in the Context of Environment – Past and Present

10:10-10:30 - Laszlo BALOGH, President, Hungarian Association of
Renewable Energy Sources
Implementing Renewable Energy in Hungary*

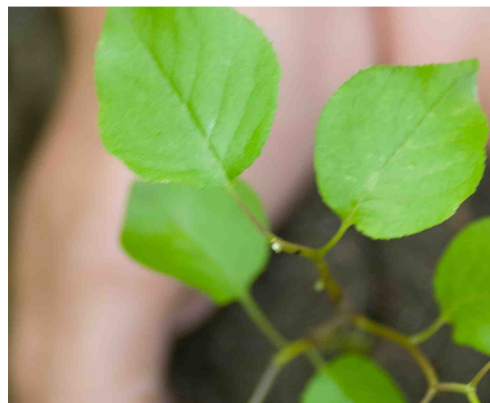
10:30 – 14:00 Visit to RENEXPO 5th & Lunch at the Expo Brasserie
Restaurant (from 12:30)

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PARTNERS:

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14:00 – 15:40 Keynote Session

14:00-14:05 - Session Chair: Gyula KESZTHELYI, Director General, Hungarian MoD Armament & Quartermaster Office
Opening Remarks

Keynote Addresses

14:05-14:25 - Péter OLAJOS, Deputy State Secretary for Green Economy Development and Climate Affairs, Ministry of National Development, Hungary
The European Energy 2020 Strategy as a Tool and Benchmark to Support Long Term Rebuilding in Crisis Management Zones*

14:25-14:45 - Marie DONNELLY, Director of New and Renewable Sources of Energy, Energy Efficiency and Innovation, European Commission - DG Energy
The 20-20-20 goals – The Story so Far and How this Transfers into The Crisis Management Context*

14:45-15:05 - Christine LINS, European Renewable Energy Council - Secretary General
Increasing the Presence of the Renewable Energy Technology Industries in the Crisis Management Domain*

15:05-15:25- Mr David J. MUCHOW, President and CEO of SkyBuilt Power, USA
Renewable Energy Solutions for Civilian, Military, Telecom and Homeland Security – Products and Real World Results

15:25-15:40 - Q&A

15:40 – 16:00 - Conference Photo and Coffee

16:00 – 19:00 - Policy & Strategies - Logistics

16:00-16:05 - Session Chair: Gyula KESZTHELYI, Director General, Hungarian MoD Armament & Quartermaster Office
Opening Remarks

16:05-16:25 - Janos KEREKES, EU ETS, MALÉV, Hungarian Airlines Ltd
Going Green in a Competitive Environment

16:25-16:45 - Miklos ANDRASI, Executive Director, Energy Agency Hungary
Development and Implementation of a National Energy Policy*

16:45-17:05 - Rinalds BULS, EU Military Staff, LOG Directorate
EUMS Vision on Logistics Based on Experience in CMOs*

17:05-17:25 - Michele RIGHI, EUFOR Environmental and Energy Security
EUFOR and NATO in Bosnia & Her.

17:25-17:45 - Jorn BRAUER, NAMSA
Logistic Challenges with Alternative Sources Energy

17:45-18:05 - Coffee

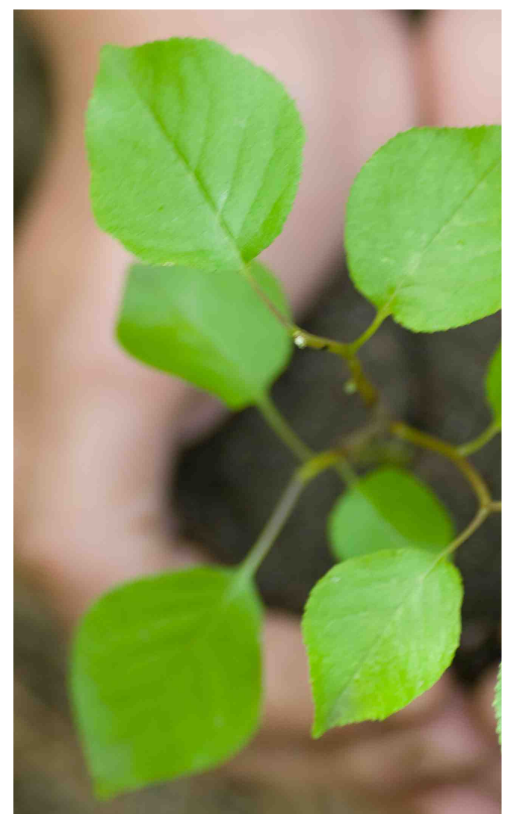
18:05-18:25 - Stephen SHARRATT, Supreme Fuels
Fuel Supply Chain Challenges in Afghanistan Logistics

18:25-18:45 - Africa CASTRO, Hynergreen Technologies
Hydrogen and Fuel Cells in CMOs

18:45-19:00 - Antoine VINCENT, EDA, R&T Technical Project Officer
The EDA Approach to Tackling the Logistical Burden

19:00-19:15 - Q&A

20:00 – 22:00 - Conference Dinner (upon invitation)





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FRIDAY 6 MAY 2011



09:00 – 10:40 Sustainable Design and Acquisition

09:00-09:05 - Session Chair: Michele RIGHI, EUFOR Environmental Protection Officer
Opening Remarks

09:05-09:25 - Dinesh REMPLING, EDA, R&T Technical Project Officer
Mechanisms for Environmentally Responsible Acquisition

09:25-09:45 - Javier MARTINEZ CARRASCO, ISDEFE
Renewable Energy for Camps

09:45-09:55 - Mr Abhinav WAKHLOO, United Nations Logistic Base (UNLB)
UN experience on Energy solutions*

09:55-10:15 - Ms Clémence SIRET, SAFT
Lessons Learned from the Life-Cycle Assessment of a Solar Farm Battery System

10:15-10:40 - Q&A

10:40 – 11:00 - Coffee

11:00 – 13:00 - Novel Technologies in Theatre

11:00-11:05 - Session Chair: Dinesh REMPLING, EDA, R&T Technical Project Officer
Opening Remarks

11:05-11:25 - Alain COADOU SAFT, Renewable Energy for Mobile Utility System Supplements
A Dependable Diesel Generator

11:25-11:45 - Antonio BENTO, Intelligent Sensing Anywhere (ISA)
The Role of Telemetry in achieving Sustainable Energy

11:45-12:05 - Juan Antonio de ISABEL, GEOTER
Independent High Efficiency Energy System

12:05-12:25 - Wim VROOM, MoD NL, Program Manager Operational Installations
Gearing Up Tension to Save Energy and Harvest Renewable Energy

12:25-12:45 - Wolfgang MICHELAU, Bundeswehr Technical Center for Engineer and General Field Equipment
Investigations at Bundeswehr Test Center WTD 51 Regarding Green Power for Military Camps

12:45-13:00 - Q&A

13:00 – 14:30 Networking Lunch

14:30 – 15:30 - Closing Session

14:30-14:40 - Gyula KESZTHELYI, Director General, Hungarian MoD Armament & Quartermaster Office
Summary Remarks

14:40-14:55 - Laszlo BALOGH, President, Hungarian Association of Renewable Energy Sources
Closing Remarks

14:55-15:15 - Dinesh REMPLING, EDA, R&T Technical Project Officer
Way Ahead

15:15-15:30 - Laszlo CZOVEK, EDA, CAP Project Officer Sustain
Closing Remarks

* Provisional title to be confirmed