

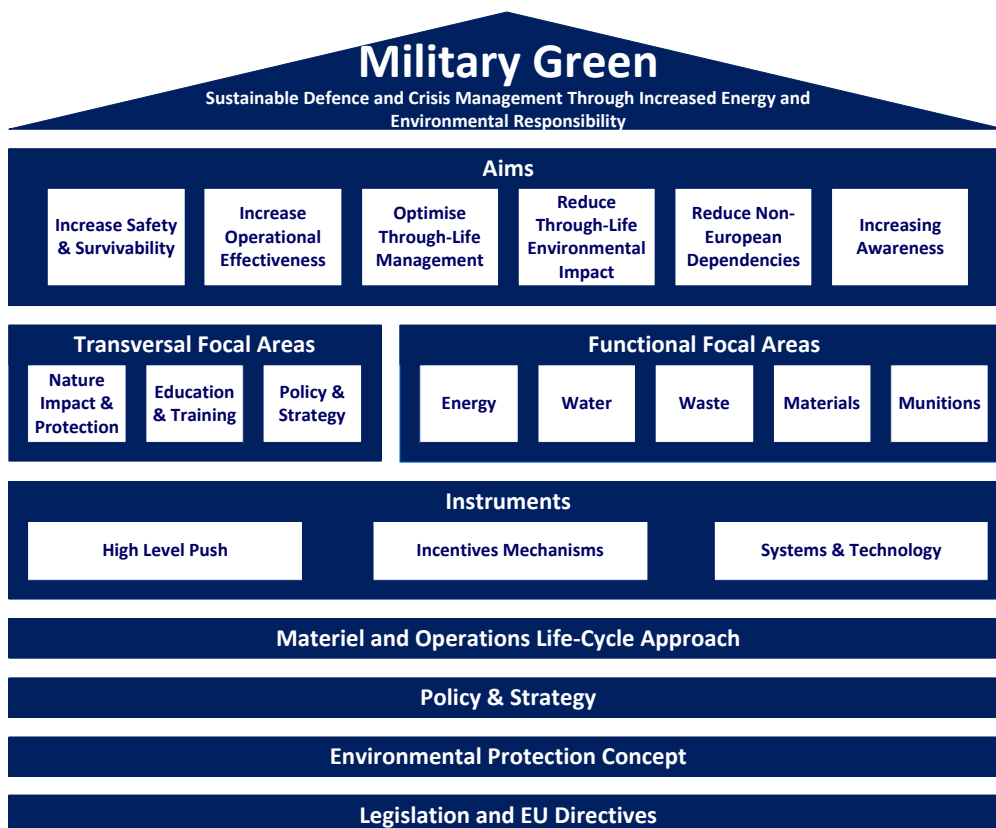
Event Concept

Background

A corner stone in sustainable defence crisis management is energy and environment. Addressing these issues not only saves lives and increase operational effectiveness, they also help cut costs and minimise the environmental impact.

Military Green is the name of EDA's umbrella effort on Energy and Environment. It is a holistic approach addressing energy and environment in three ways:

- High Level Push – Supporting the development of sound and effective European policies and strategies
- Incentives Mechanisms – Developing new incentives for stakeholders to ownership and responsibility like the Go Green project
- Systems and Technology – Developing a strategic approach to addressing systems (including behavioural aspects) and technology in order to catalyse collaborative initiatives



An important element is to keep the stakeholders in the loop, inter-connected and up-to-date on the latest developments. For this reason EDA organises regularly events to bring different target groups around the table in order to learn from each other provide guidance on the way forward. Military Green 2012 is the biggest to date and looks at bringing high-level decision makers together to learn about their visions for the future. Alongside experts will look at what is technology is possible today and more importantly what the long term future can hold.

Structure of the Event

The Event will consist of the following elements:

- **Conference**
 - *High Level Day* – Getting high level policy-makers, defence and crisis management officers and industrial management to understand how we can deliver technological solutions to effectively comply with policy while at the same time enhancing capabilities
 - *Technical Conference* – Getting experts to share through the writing of technical papers, their technical knowledge on existing, future and potentially disruptive solutions in energy, waste, water, materials and munitions
- **Exhibition**– Allowing stakeholders to share in more detail their take on energy and environment
- **Demonstration** – Allowing stakeholders to demonstrate technology

High-Level Day

The civilian domain is well-underway in implementing a wide range of measures towards optimising resources needed for a sustainable future. In Europe measures implemented encompass incentives mechanisms, legislative measures and new technologies. With the days of military exemptions being numbered, the military domain has in later years begun tackling these issues and in the process identified enormous benefits not only in the homeland but also in the context of crisis management.

The opening day of the Conference will gather high level decision makers from all stakeholders in order to share their insights in different aspects of energy and environment and how these relate to defence and crisis management. The High-Level Day will revolve around three themes:

- **“EU Energy and Environmental Policy Beyond 2020 and Its Implementation”** will primarily focus on the civilian vision of a long term sustainable society, how policies are likely to evolve over the next two to three decades and what measures will be taken to see them implemented.
- **“Impact on Defence and Crisis Management”** will look at how policy affects the long term aspects of defence as well as the contingency dimension related to crisis management. It will also look at how the defence and crisis management domain can act proactively and set the benchmark in certain areas in terms of energy and environmental responsibility while at the same time sustaining a high quality level of capabilities.

- **“Complying with Policy While Enhancing Capabilities”** will aim at highlighting how industry (civilian and defence) is coping with complying with policy and more specifically how this opens up for new business opportunities. It will furthermore explore how policy is acting as a driver for new technological solutions through research.

The format for the High-Level Day is expected to be in the form of a panel for each theme. Each panel will have a Chair who will moderate the panel into first giving short statements before launching a discussion among the panel members. Towards the end of each panel it is envisaged that the audience will be encouraged to interact with the panel.

Technical Conference

The Technical Conference will be based on a Call-for-Papers that will be issued on the EDA website. The Call-for-Papers will request abstracts to be submitted for evaluation. Following the selection process, which will be carried out by an internal EDA panel, successful candidates will be notified requesting them to produce the full papers.

The Call-for-Papers will request papers along the following lines across the full spectrum of energy and environmental topics (Systems and Technology, Human Factors, Energy, Water, Waste, Materials (Installations) and Munitions)

- **Visionary:** Conceptual papers looking at –
 - The role of technology in the future of defence and crisis management
 - New business models for stimulating entrepreneurship and introducing new systems and technologies
- **Technical:** Work carried out, past and present, relating to –
 - Research and Technology / Development:
 - Human behaviour and its effects on energy and environment
 - Systems and Technology
 - Design, Test, Demonstration and Implementation of New Systems and Technology
 - Technology Landscaping and Disruptive Technologies
- **Experience Reports:** Experience from reality –
 - In-theatre challenges that are faced today
 - Recently fielded systems and technologies
 - Opportunities identified for systems and technologies

The structure of the Technical Conference will depend on the scope of papers received. It is envisaged that the Technical Conference will start with keynote addresses and following these sessions will commence along with a chairperson to introduce the topic and the speakers.

Exhibition and Demonstration

Seeing is believing and this is particularly evident in the case of novel technologies in a setting where reliability is the corner stone in order to achieve effect. This is the case for military operations. In order to pave the way for new technologies and address the wider scope of crisis management the key is to steer the discussion away from reliability and instead focus on availability.

The aim of the Demonstration of Technology is to show that by insertion of new technologies the availability of functions will increase. Stakeholders will be invited to exhibit and demonstrate their technologies and in doing so providing the necessary functions for running the event:

- Energy
 - Supply (conversion and distribution)
 - Handling (management, installation and utilisation)
 - Constraints (rules, regulations and environment)
- Water
 - Cleaning
 - Purification
 - Packaging
- Waste
 - Dry and wet recycling systems
 - Biomass

The Event will see a mix of conventional and new technologies interconnected to provide the infrastructural support for the Event. In doing so it will be shown that the novel and improved conventional technologies alongside human factors play an integral part in establishment of sustainable energy supply and making environmental difference.

Furthermore an attempt will be made to produce an Environmental Score Card for the Event. The aim will be to provide a measure of what the Environmental Impact of the Event actually is.



19 – 20 June 2012
Brussels, Belgium

Military Green 2012
Conference-Exhibition-Demonstration
Event Concept



Venue and Infrastructure

The entire Event will take place at the Royal Military Academy in downtown Brussels, Belgium. The main gate of the RMA will also serve as the main entrance for the Event.

The auditorium is where the Conference will take place and is well equipped and comes with the necessary audio-visual aids.

The parking lot will serve as the premises for the Demonstration and the Exhibition will take place in the dining area.

Output

The output of the Event will contribute to the future efforts of EDA within Military Green.