

Incubation Forum for Circular Economy in European Defence (IF CEED)

Project idea:

EMAS Certification Uptake



Context

The project “EMAS Certification Uptake” aims to develop an EMAS (Eco-Management Audit Scheme) tool accompanied by tailored coaching targeting the defence sector. The project foresees to work with military personnel to quantitatively estimate the environmental, energy and climate change related risks using very specific indicators, in the framework of the Integrated Environmental - Energy - Climate Change (EEnCC) Management system of the defence sector.

The project is based on the Eco-mapping and “EMAS easy” concept, where e.g. the operations of a military camp are mapped by their own staff

- in terms of both location and internal processes
- to identify the environmental and energy aspects of the site. Using simple and sequential

tables and prompts, military camps and/or other military infrastructure, staff can develop an Integrated Assessment *in 10 days – with 10 people on 10 pages*.

It is a simple and practical tool to analyse and manage the environmental aspects of the various organisations of the Defence sector, and create an understanding of their current environmental, energy and climate change situation. Experience shows that “EMAS easy” can bring significant training and administrative advantages to the organisation:

- Easy to understand
- Fast to implement within 4 to 9 months compared to 15 to 18 months usually
- Lean process and brief manuals
- Cuts certification costs by 60%
- Reduces consultancy costs by 3x

Objectives

The EMAS Certification Uptake Project aims to accelerate the implementation of an environmental audit system in the military context. The objective is to develop a tool and tailored coachings, which help to reduce the defence sector's environmental footprint, aside to functioning as a benchmark for the armed forces all over Europe, while decreasing workload as well as internal and external costs of certification.

The specific objectives of the project are to:

- Develop and roll out the tool to quantitatively estimate the environmental/energy and climate change risk for the defence sector
- reduce the dependency on external expertise
- Implement and monitor first Pilot cases in selected locations, integrating coaching
- Develop a model for replication in different military environments throughout Europe

Methodology

Activities
Scoping and definition of the criteria and clusters
Adaptation of methodology – Cluster EMAS as a strategic Governance tool
Pilot implementation of the coaching programme
EMAS as a communication & reporting tool

Stakeholders

- Entities engaged in the IF CEED Project Circle “EMAS Uptake Strategy”.
- Military camps, connected to various type of operations
- MoD Management

Timeline & Milestones

The foreseen project duration is 24 months.

Expected Outcome

- A detailed report on best practices and pilot implementation
- The final product/tool with environmental indicators for defence, as well as guidance for use
- Service: support to EMAS (or similar) implementation and Certification

Operational benefits

- Energy and waste reduction.
- Cost savings.
- Enhancing interoperability by setting up a common mind set through common standards.

Budget & funding

Type of project: collaborative project.

Budget: EUR 1 000 000