



EMAS CASE STUDIES

S. Kalbourtzis Military Camp – Ministry Defence – Cyprus

Ministry of Defense (MOD) Cyprus acknowledges its environmental and social responsibilities as well as the importance of having a solid environmental policy which underlines its ability to achieve high standards of environmental performance. The commitment of the Ministry of Defense to act as a leader in sustainable environmental management is clearly presented in its Environmental Policy, which is implemented through the Ministry of Defense Environmental Strategic Plan.

In 2010, a decision was taken to develop, access and certify an Environmental Management System (consistent with the European EMAS Directive) at one military campus (Stylianos Kalmpoutzis Campus).

MOD will continue to progressively roll-out its EMS approach through higher risk Groups and Services at its key Defense sites, where the activities and the stewardship of environmental values need to be managed on the ground.

Why EMAS ?

The decision to join EMAS, by applying the EMASeasy methodology, was driven by its adaptability. While it understands the limited human, time and financial capacity of any organization to undergo through major environmental investments with regards to its services, it does not exclude any environmental aspect and binds any organization to incorporate future foreseeable investments into its environmental programme.

An overall appraisal

Benefits of the implementation of EMAS

MOD Cyprus promotes the introduction of EMAS as the mechanism to provide an integrated approach to environmental management, as part of everyday military business. It aims to provide a robust system that enables defence to identify and manage potential impacts on the environment that may arise from its activities. Benefits enjoyed from the implementation of EMAS include:

- Financial benefits such as reducing energy costs, clean-up and disposal;
- Enhancement of environmental awareness and performance of military and civilian staff through effective education and training;
- Pollution prevention including the reduction of adverse environmental impacts, resulting in reduced environmental costs;
- Promotion of recycling and waste minimization programs;
- Adopt suitable methodologies to establish the condition of defence assets as a basis for appropriate action planning according to EMAS methodology;
- Compliance with relevant legislation, and further improvement in environmental performance

Challenges encountered in applying EMAS

- Financial constraints;
- Difficulties in adopting and implementing innovative best practice approaches in day to day military activities;
- Difficulties in integrating military activities and decisions into a sustainable environmental management system including resource efficiency and pollution prevention;
- Raising the environmental awareness of military personnel, with respect to the military day-to-day activities;
- Difficulties in establishing strategic partnerships with the key environmental stakeholders, due to the sensitive nature of military day-to-day activities.

Main environmental improvements

In 2011 the main environmental improvements achieved by the Styl. Kalbourtzis campus are the following :

- In 2011, 27% of electricity consumption was covered by renewable energy. During the first 4 months of 2012 renewable energy contribution to electricity consumption reached 30%;
- Water conservation reached 15% in 2011;
- Sanitary wastewater is treated and the treated water is used for irrigation purposes
- A PMD recycling program was launched in May 2012 in cooperation with GREEN DOT Cyprus;
- Three recycling programs are running in the campus covering cooking oil & used lubricants, used tyres, electronic and electrical equipment waste streams;
- In 2011, the reduction of CO₂ emissions reached 1.3% (compared to 2010) as a result of the energy conservation measures and the production of electricity from RES. Moreover, campus staff planted 600 trees compensating almost 20% of the total CO₂ camp emissions.

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Participation in EMAS since: **June 2011**

Number of sites : **1**

Country : **Cyprus**

Sectors: **Public administration and defence – Defence activities**

NACE code(s): **L7522**

Number of employees: **320**

Website: **www.mod.gov.cy**

