



Boosting the
defence energy
transition

Consultation Forum for Sustainable Energy in the Defence and Security Sector (CF SEDSS) – Phase III

Working Group 1 – Energy Efficiency and Buildings Performance

What

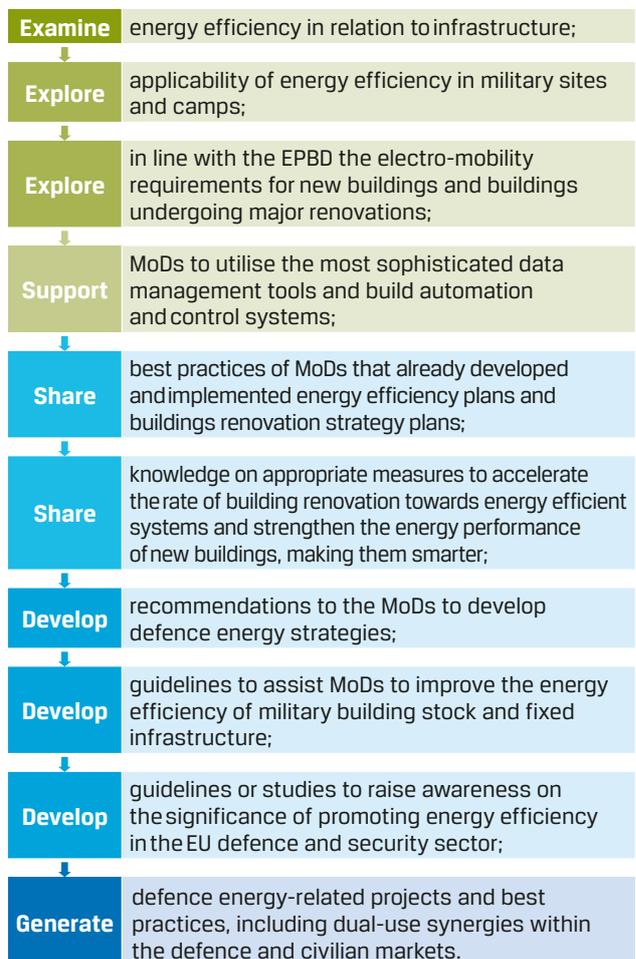
As one of the four working groups of the third phase of the Consultation Forum for Sustainable Energy in the Defence and Security Sector (CF SEDSS III), working group 1 (WG-1) on energy efficiency and buildings performance aims at exploring how to assist the Ministries of Defence (MoDs) in **improving the operational energy efficiency of military building stock and fixed infrastructure.**

The group will work to identify the opportunities that derive from the application of the amended Energy Efficiency Directive (EED), the amended Energy Performance in Buildings Directive (EPBD) and, whenever relevant, the Regulation on the Governance of the Energy Union and Climate Action. It will also explore sources and relevant technologies to:

- reduce energy dependence and carbon footprint;
- reach highest energy efficiency without compromising operational effectiveness;
- lower total energy costs while minimising environmental impact; and,
- contribute to European and national energy security.

How

By providing a platform for discussion and sharing of knowledge among MoDs, academia, industry, and research and technology organisations, WG-1 will address the following objectives:



Deliverables

Throughout the duration of the project, WG-1 will produce the following **deliverables**:

PROJECT IDEAS up to 8 information sheets on defence energy-related project ideas	RESEARCH STUDIES develop up to 2 defence energy-related research studies	GUIDANCE DOCUMENT on the implementation of EU energy legislation in the defence sector
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The production of such project ideas, research studies and recommendations, combined with the application to funding or financing opportunities, will allow MoDs to progressively achieve sustainable energy objectives and contribute to the implementation of the EU's long-term vision of climate neutrality by 2050.

Events

WG-1 will contribute to a number of **events** running from October 2019 to September 2023. Phase III introduces a novel model of activities in addition to the plenary conferences, including but not limited to joint defence-energy meetings, thematic and regional workshops.



During phase III, WG-1 will be in charge of organising a total of five events: two thematic workshops and three ad-hoc experts groups. These events will ensure that WG-1 will address in-depth energy efficiency considerations; will bring MoDs closer to relevant experts from industry, academia and research and technology organisations; and will guarantee continuity of the research activities developed during the plenary conferences.

Impact

WG-1 will develop information sheets and studies to further research on ways buildings and their respective systems may operate efficiently and in modes that save energy. Towards the end of the project, WG-1 will produce recommendations for example on how to meet nearly zero-energy building (NZEB) standards so as to ensure military buildings with a very high energy performance.

Ultimately, making buildings more energy efficient will contribute significantly to the EU achieving its energy and climate goals. By using energy more efficiently and thereby consuming less, the MoDs can **lower their energy costs, help protect the environment and reduce the EU's reliance on external suppliers** of oil and gas while becoming more resilient to energy supply disruptions.

Background

WG-1 is one of the four working groups of CF SEDSS Phase III. CF SEDSS is a European Commission funded initiative managed by the European Defence Agency (EDA), in collaboration with the European Commission Directorate-General for Energy (DG ENER) and the Executive Agency for Small and Medium-sized Enterprises (EASME). The third phase, which has a duration of 4 years expiring on 30 September 2023, is funded by the European Union's Horizon 2020 research and innovation programme under grant agreement No. 882171.