



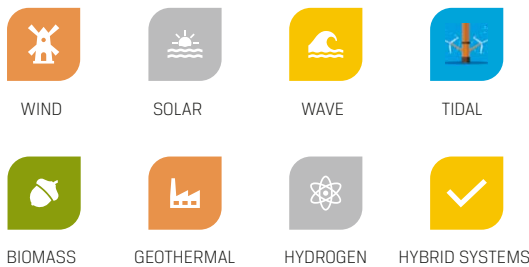
Boosting the  
defence energy  
transition

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

### Working Group 2 – Renewable Energy Sources

#### 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 2 (WG-2) on renewable energy sources (RES) aims at exploring how to assist the EU Ministries of Defence (MoDs) in **enhancing the use of RES in the defence sector**.

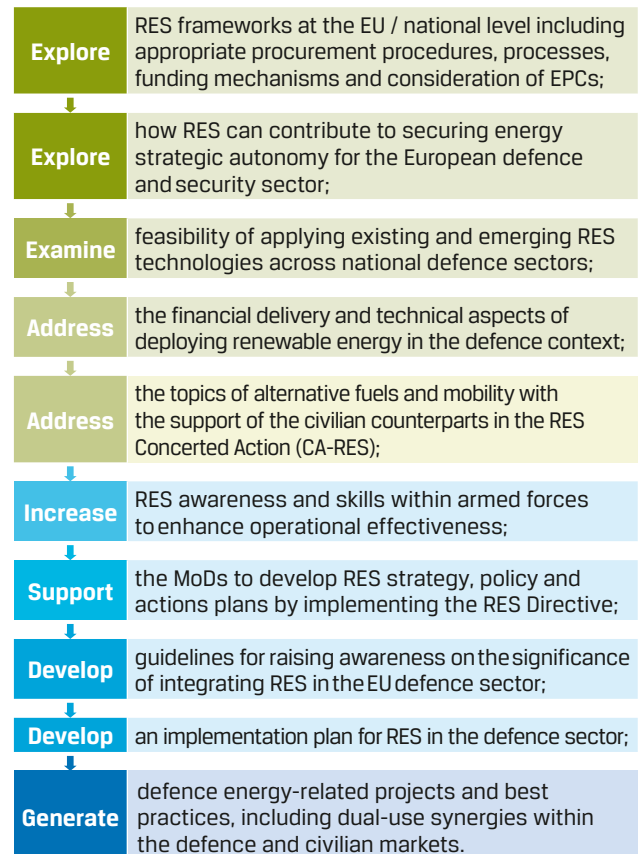


The working group will identify the opportunities that derive from the application of the amended Renewable Energy Directive (RED) and the amended Energy Efficiency Directive (EED). It will also explore sources and relevant technologies to:

- reduce energy dependence on fossil fuels 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

To support the production of energy from renewable sources in the EU, WG-2 will pursue the following objectives:



In this context, members of WG-2 will work to support the use of defence areas for generation of renewable energy, energy conversion, energy storage, energy used in transport and renewable energy applicability in military transport.

## Deliverables

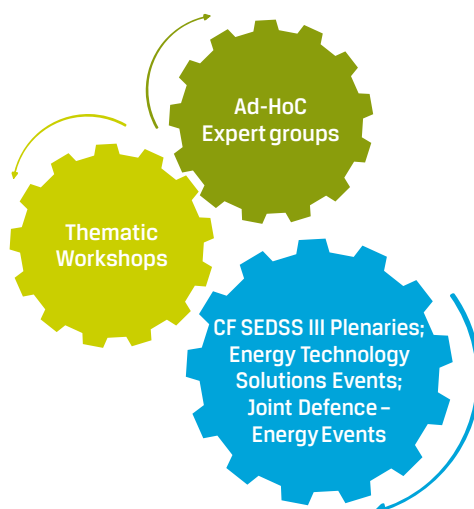
To maximise its impact, WG-2 will produce the following **deliverables** throughout the duration of the project:

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

## Events

WG-2 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-2 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-2 will address the targeted RES considerations; will bring MoDs closer to relevant experts from industry, academia and research and technology organisations; and will guarantee continuity of research activities developed during the plenary conferences.

## Impact

Information sheets and studies will be developed to further explore cost effective renewable energy options both nationally or in collaboration with other MoDs. This will contribute to the development of concrete collaborative project ideas and innovative processes, such as energy performance contracting (EPC), renewable energy harvesting and hydrogen (H2) energy storage capability and technologies.

Ultimately, the use of RES 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.

## Background

WG-2 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.