

5-7 MAY 2026 – THE LANDMARK NICOSIA – CYPRUS, NICOSIA

FOURTH PHASE OF THE CONSULTATION FORUM FOR SUSTAINABLE ENERGY IN THE DEFENCE AND SECURITY SECTOR (CF SEDSS IV)

PROGRAMMETHIRD CF SEDSS IV CONFERENCE (5-6 MAY 2026) AND
FIRST ENERGY TECHNOLOGY SOLUTIONS CONFERENCE AND ONSITE EXHIBITION (6-7 MAY 2026)

The European Defence Agency (EDA) is organising the 3rd CF SEDSS IV Conference on 5-6 May, back-to-back with the 1st CF SEDSS IV Energy Technology Solutions (ETS) Conference and onsite exhibition on 6-7 May under the auspices of the Cypriot Presidency of the Council of the European Union (EU) and hosted by the Ministry of Defence of Cyprus (CY MoD).

MONDAY, 4 MAY 2026 (3rd CONFERENCE - DAY 0)

18h30 – 20h00 Conference registration (hotel lobby)

19h30 – 21h30 Buffet dinner (hotel restaurant) – networking

TUESDAY, 5 MAY 2026 (3rd CONFERENCE - DAY 1)

08h45 – 09h15 Conference registration (conference area)

09h15 – 10h00 **1. OPENING PLENARY SESSION****Introduction** Michał Wierciński, Deputy Director of Research, Technology, and Innovation / Head of Unit EU-funded Defence Research, European Defence Agency**Welcome addresses** Anders Sjöborg, Deputy Chief Executive, European Defence Agency
Stelios Kountouris, Acting Permanent Secretary, Ministry of Defence of Cyprus**Keynote speech** Andreas Poullikkas, Professor of Energy Systems at the School of Engineering, Frederick University
Group photo

10h00 – 10h30 Coffee break – networking

10h30 – 11h30 **2. PLENARY SESSION**

Setting the scene, Maja Kuzel, CF SEDSS IV Project Manager, European Defence Agency

- 2.1. **EU energy policy framework updates, Kempener Rudolf**, Deputy Head of Unit, DG ENER, European Commission
- 2.2. **Energy Security and Defence: Initiatives of the Cyprus Ministry of Defence, Eftychia Ioannou**, Head of Environment & Energy Division, Ministry of Defence of Cyprus
- 2.3. **Energy considerations within the Hub for EU Defence Innovation, Federica Valente**, Hub for EU Defence Innovation Manager, EDA
- 2.4. **CF SEDSS IV work plan and updates, Shana Leclercq**, CF SEDSS IV Deputy Project Manager, EDA

Discussion

Administrative points – Aline Blanchard, CF SEDSS IV Project Assistant

11h45 – 12h30 **3. PARALLEL SESSIONS - WORKING GROUPS (see next pages)**

12h30 – 14h00 Lunch break - networking

14h00 – 15h30 **3. PARALLEL SESSIONS - WORKING GROUPS (see next pages)**

15h30 – 16h00 Coffee break - networking

16h00 – 17h30 **4. PARALLEL SESSIONS - WORKING GROUPS (see next pages)**

17h30 End of the first day

19h30 – 22h30 **Networking dinner hosted by the Cypriot Presidency of the Council of the EU/Cypriot Ministry of Defence**

WEDNESDAY, 6 MAY 2026 (3rd CONFERENCE AND ONSITE EXHIBITION “ENHANCING DEFENCE ENERGY RESILIENCE THROUGH SUSTAINABLE INNOVATION” - DAY 2)

09h00 – 10h30 **5. PARALLEL SESSIONS - WORKING GROUPS (see next pages)**

10h30 – 11h00 Coffee break - networking and **onsite exhibition**

11h00 – 12h30 **6. PARALLEL SESSIONS - WORKING GROUPS (see next pages)**

12h30 – 14h00 Lunch break - networking and **onsite exhibition**

14h00 – 15h30 **7. PARALLEL SESSIONS - WORKING GROUPS (see next pages)**

15h30 – 16h00 Coffee break - networking and **onsite exhibition**

16h00 – 17h15 **8. CLOSING PLENARY SESSION**

Moderator: Maja Kuzel, CF SEDSS IV Project Manager, European Defence Agency

Working groups presentation: outcome and way ahead

WG1: **Andrej Bohinc**, WG2: **Jim Burke**, WG3: **Ioannis Chatzalexandris** and TWG: **Giorgos Dimitriou**

CF SEDSS Phase IV way ahead

CF SEDSS IV project management team: Maja Kuzel, Shana Leclercq and Aline Blanchard, European Defence Agency

Next event: 4th CF SEDSS IV Conference

Concluding remarks

Michał Wierciński, Deputy Director of Research, Technology, and Innovation / Head of Unit EU-funded Defence Research, European Defence Agency

17h15 End of 3rd conference

17h15 – 18h00 **Onsite exhibition**

19h30 – 21h30 Buffet dinner (hotel restaurant) - networking

3rd CF SEDSS IV CONFERENCE, DAY 1
TUESDAY, 5 MAY 2026

3. PARALLEL SESSION – WORKING GROUPS (11H45-12H30)

WG1 Energy Efficiency and Buildings Performance	WG2 Renewable Energy Sources	WG3 Protection of Critical Energy Infrastructure	WG Transversal
<p>Team leader: Andrej Bohinc (SI) Moderator: Marios Theodorakopoulos (EL), Patryk Kierzkowski (PL) EDA: Aline Blanchard</p>	<p>Team leader: Jim Burke (IE) Moderators: Mathieu Bervas (FR), Eoghan Carton (IE) EDA: Shana Leclercq</p>	<p>Team leader: Ioannis Chatzialexandris (EDA) Moderators: Alexandru Georgescu (RO), Nektarios Nasikas (EL), Tina Andoljsek (SI) DG ENER: Natanael Cartaxo</p>	<p>Team leader: Giorgos Demetriou (CY) Deputy team leader: Xander Beks (NL) Moderators: - Policy and Management Observatory: Damien McEvoy (IE), Gintaras Labutis (LT), - Technology, Research and Innovation Hub: Robert Sipec (SI), Linda Oukacine (FR)</p>
<p>1. OPENING REMARKS Tour de Table WG1 Agenda and objectives</p> <p>1.1 CF SEDSS WG1 Phase IV – Overview of 1st deliverables cycle</p>	<p>1. OPENING REMARKS Tour de Table WG2 Agenda and objectives</p> <p>1.1 CF SEDSS WG2 Phase IV – State of play and work plan</p> <p>2. UPDATES 2.1 Briefing on the Frankfurt ad-hoc meeting on synthetic fuels in April 2026</p>	<p>1. OPENING REMARKS Tour de Table WG3 Agenda and objectives</p> <p>1.1 CF SEDSS WG3 Phase IV – State of play and work plan Ioannis Chatzialexandris, EDA</p> <p>1.2. Update on project factsheets Alexandru Georgescu, ICI</p>	<p>1. OPENING REMARKS Tour de Table TWG Agenda and objectives</p> <p>1.1 CF SEDSS TWG Phase IV – State of play and work plan Vision for the rest of Phase IV: Giorgos Demetriou and Xander Beks</p>

LUNCH – NETWORKING (12H30-14H00)

4. PARALLEL SESSION – WORKING GROUPS (14H00-15H30)

WG1 Energy Efficiency and Buildings Performance	WG2 Renewable Energy Sources	WG3 Protection of Critical Energy Infrastructure	WG Transversal
<p>2. PRESENTATION – PROJECT IDEAS</p> <p>2.1 The integrated model – Energy performance contracting (EPC) combined with strategic public procurement Yorgos Stephanedes, Patras University</p> <p>2.2 MILSHIELD: MILitary Sustained Human-centred Improvement of Energy efficiency and Energy Leadership in Defence Konstantinos Sioulas, CRES</p> <p>2.3 AI-powered Digital Twin – Digital Triplet Alan Hadžić, SMARTIS d.o.o.</p>	<p>3 FINALISING 1ST CYCLE OF WG2 DELIVERABLES</p> <p>3.1 Project ideas</p> <ul style="list-style-type: none"> • Long term storage of military equipment • Sustainability of supply of materials for RES projects • Joint purchase of RES components for the defence sector • Sustainability of fuel use in the defence sector 	<p>2. DELIVERABLES – Project ideas</p> <p>2.1 EU legislation update on CEI Yoram Kannangara, DG HOME</p> <p>2.2 Bridging CF-SEDSS and CapTech: From concept to capability - GEOFENCING project Juan-Jesus Hernandez, EDA</p> <p>2.3. Selected study topic for WG3 Ioannis Chatzialexandris, EDA</p>	<p>2. INSPIRATIONAL TOPICS</p> <p>2.1. Geostrategic importance of energy security Sibylla van de Voorde, EDA</p> <p>2.2 MoD Emissions Tracking with emphasis on Scope 3 Mitja Mori, University of Ljubljana</p> <p>2.3 From Symbiosis to AENAON: Cyber security as an enabler for sustainable energy Prof. Vasilis Katos, AENAON Coordinator</p>
COFFEE BREAK – NETWORKING (15H30-16H00)			
5. PARALLEL SESSION – WORKING GROUPS (16H00-17H30)			
<p>3. PRESENTATIONS</p> <p>3.1 Digital twins and AI for energy-efficient modernisation of military buildings: bridging the gap between design models and real operation in the context of hybrid energy systems</p>	<p>3.2 Guidance Document Shana Leclercq, EDA</p> <p>3.3 Reviewing and finalising the contracting study details</p>	<p>3. DELIVERABLES</p> <p>3.1. Guidance Document inputs Tina Andoljsek, SI MoD</p> <p>3.2 Digitalisation and AI for protecting the CEI Athanasios Kolios, Technical University of Denmark</p>	<p>3. FLAGSHIP PUBLIC-PRIVATE COOPERATION</p> <p>3.1 How can civil and military actors work together in the conflict of tomorrow Xander Beks, NL MoD</p> <p>3.2 Application of the layered resilience concept in defence energy</p>

<p>Andrzej Ożadowicz, AGH University of Krakow</p> <p>3.2 Beyond sustainable buildings: A digital twin approach to measurable energy and carbon reduction across building portfolios</p> <p>Piotr Bartkiewicz, Warsaw University of Technology</p>		<p>3.3 Best-practice manual for sustainable, resilient and secure data centres</p> <p>David Bretones, ISDEFE</p> <p>3.4 From Symbiosis to AENAON: Cyber security as an enabler for sustainable energy</p> <p>Vasilis Katos, AENAON Coordinator</p>	<p>Gintaras Labutis, Military Academy of Lithuania</p> <p>3.3 Sustainable alternative fuels</p> <p>Daniel Hissel, Université de Franche-Comté</p> <p>3.4 Recap of Frankfurt ad-hoc meeting on synthetic fuels</p> <p>Arthur Hustad, INERATEC</p>
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End of day 1

**3rd CF SEDSS IV CONFERENCE & ON-SITE EXHIBITION, DAY 2
WEDNESDAY, 6 MAY 2026**

6. PARALLEL SESSION – WORKING GROUPS (09H00-10H30)

WG1 Energy Efficiency and Buildings Performance	WG2 Renewable Energy Sources	WG3 Protection of Critical Energy Infrastructure	WG Transversal
<p>4. On-site visit to the STYLIANOS KALMPOURTZIS Camp Project FORTRESS</p> <p>Presentation delivered by the Camp Commander:</p> <ul style="list-style-type: none"> Strategic framework, objectives, and performance of the Camp’s environmental and energy management policies; Systematic monitoring of energy consumption 	<p>4. NATIONAL BEST PRACTICES/NATIONAL FUEL POLICIES</p> <p>Gerben Seevinck, NL MoD Hanspeter Kaufmann, CH MoD</p> <p>4.1 Discussion on the national best practices</p> <p>4.2 Heatventors - projects from the HU MOD</p> <p>József KAKAS, Heatventors</p> <p>4.3 An overview of the CALIPSO project</p>	<p>4. PCI under MoDs’ perspective</p> <p>4.1 SMRs integration in defence-energy mix – Main concerns and challenges from a security and safety perspective</p> <p>Michael Hewitt, ULC-Energy</p> <p>4.2 Actual geopolitical aspects for CEI and their impact for/on defence</p> <p>Thierry Bros, SciencePo</p>	<p>4. On-site visit to the STYLIANOS KALMPOURTZIS Camp Project FORTRESS</p> <p>Presentation delivered by the Camp Commander:</p> <ul style="list-style-type: none"> Strategic framework, objectives, and performance of the Camp’s environmental and energy management policies; Systematic monitoring of energy consumption through

<p>through advanced smart metering platform;</p> <ul style="list-style-type: none"> Monitoring of water consumption at significant water uses through smart meters. 	<p>Dr. Athanasios Stubos, NCSR Demokritos</p>	<p>4.3 Mitigating targeted disruption of Maritime connectivity Roxana Andrei, CEI-ISCTE</p> <p>4.4 Securing the energy heart of Cyprus: A governance and protection blueprint for the Vasilikos Energy Centre Yannos Lakkotrypīs, Viribus Services and Vasileios Peppas, EIB Advisory assignment</p>	<p>advanced smart metering platform;</p> <ul style="list-style-type: none"> Monitoring of water consumption at significant water uses through smart meters.
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COFFEE BREAK - NETWORKING AND ONSITE EXHIBITION (10H30-11H00)

7. PARALLEL SESSION – WORKING GROUPS (11H00-12H30)

WG1 Energy Efficiency and Buildings Performance	WG2 Renewable Energy Sources	WG3 Protection of Critical Energy Infrastructure	WG Transversal
<p>5. On-site visit to the STYLIANOS KALMPOURTZIS Camp Project FORTRESS</p> <p>Briefing on the Camp’s integrated energy and environment management system, e.g.</p> <ul style="list-style-type: none"> Operation of a 50 kW photovoltaic power generation system; Operation of the Camp’s wastewater treatment plant; 	<p>5. PRESENTATIONS</p> <p>5.1 Opportunities and risks in battery technology for military applications Daniel Zeitler, VINCORION</p> <p>5.2 Fuelling Europe’s defence and security through hydrogen technologies Ivan Delibasic, Hydrogen Europe Research</p>	<p>5. PRESENTATION</p> <p>5.1 CEI – Designation process and protection plans - MS good practice Barbara Otto, HU MoD</p> <p>5.2 Railway tracks as part of CEI Jakub Szydłowski, PL MoD</p> <p>5.3 Resilience of fuel supply infrastructures and cross-sector crisis preparedness Fernando Martins, ENSE-EPE</p>	<p>5. On-site visit to the STYLIANOS KALMPOURTZIS Camp Project FORTRESS</p> <p>Briefing on the Camp’s integrated energy and environment management system, e.g.</p> <ul style="list-style-type: none"> Operation of a 50 kW photovoltaic power generation system; Operation of the Camp’s wastewater treatment plant;

<ul style="list-style-type: none"> Implementation of structured recycling programmes. 	<p>5.3 Logistics-free onsite wind energy using kite technology Andrei Luca, Kitepower</p>	<p>5.4 Military education for PCEI Giorgos Kaimakamis, Hellenic Military Academy</p>	<ul style="list-style-type: none"> Implementation of structured recycling programmes.
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LUNCH BREAK – NETWORKING AND ONSITE EXHIBITION (12H30-14H00)

8. PARALLEL SESSION – WORKING GROUPS (14H00-15H00)

WG1 Energy Efficiency and Buildings Performance	WG2 Renewable Energy Sources	WG3 Protection of Critical Energy Infrastructure	WG Transversal
<p>6. SUMMARY - CLOSING REMARKS: OUTCOMES FOR THE PLENARY SESSION</p> <p>Tour de table - Discussion</p>	<p>6. DISCUSSION ON FUTURE TOPICS</p> <p>7. SUMMARY - CLOSING REMARKS: OUTCOMES FOR THE PLENARY SESSION</p>	<p>6.1. TTX content and details Ioannis Chatzialexandris, EDA</p> <p>6.2. Ad-Hoc meeting preparation Alexandru Georgescu, ICI</p> <p>7. SUMMARY - CLOSING REMARKS: OUTCOMES FOR THE PLENARY SESSION Tina Andoljsek, SI MoD</p>	<p>6. SUMMARY - CLOSING REMARKS: OUTCOMES FOR THE PLENARY SESSION</p> <p>DELIVERABLES: Update on 1st deliverables cycle</p> <p>6.1 Guidance Document inputs <i>Synthetic Fuels</i> <i>Finances</i> <i>Human Factor</i></p> <p>6.2 Selected study topic</p> <p>6.3 Project ideas (information sheets)</p> <ol style="list-style-type: none"> Synthetic Fuels Defence Energy Repository X-road technologies

			<ul style="list-style-type: none">4. Human Capital Compass5. Emission-tracking including Scope 36. Public private cooperation enhancement <p>6.4 Outcomes for closing session</p>
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COFFEE BREAK – NETWORKING AND ONSITE EXHIBITION (15H00-16H15)

THURSDAY, 7 MAY 2026 (1st ENERGY TECHNOLOGY SOLUTIONS CONFERENCE AND ONSITE EXHIBITION - DAY 3)

PROGRAMME

FIRST ENERGY TECHNOLOGY SOLUTIONS CONFERENCE PROGRAMME (7 MAY 2026) AND ONSITE EXHIBITION (6-7 MAY 2026)

Enhancing Defence Energy Resilience through Sustainable Innovation

The European Defence Agency (EDA) is organising the 1st CF SEDSS IV Energy Technology Solutions (ETS) Conference on 7 May, complemented by an onsite exhibition on 6-7 May. The event is held under the auspices of the Cypriot Presidency of the Council of the European Union (EU) and hosted by the Ministry of Defence of Cyprus (CY MoD). The conference will serve as a key platform to address how energy innovation can strengthen operational readiness, sustainability, and resilience across European defence.

The 1st CF SEDSS IV ETS Conference aims to support the defence sector in adopting and scaling innovative clean energy technologies as it prepares for the transformative 2035 energy landscape. Bringing together the CF SEDSS community with industry, academia, and research and technology organisations, the event will foster dialogue on cutting-edge solutions that enhance energy resilience, security of supply and energy autonomy. Through high-level panel discussions and relevant industry pitches, participants will explore how renewable energy sources, energy efficiency, and emerging technologies can support more sustainable defence capabilities while reinforcing mission continuity in line with EU climate and defence ambitions for 2030 and beyond. In parallel, a dedicated exhibition will offer companies the opportunity to showcase innovative clean energy technologies, services, and products that directly support the defence sector's green transition and long-term resilience.

09h00 – 09h30

OPENING PLENARY SESSION

Introduction – Maja Kuzel, CF SEDSS IV Project Manager, EDA

Welcome addresses

Anders Sjöborg, Deputy Chief Executive, European Defence Agency

Panagiotis Hadjipavlis, Director of Armaments and Defence Capabilities Development, Ministry of Defence of Cyprus

Keynote speech

General Tom Middendorp, Chief of Defence of the Netherlands (Ret), Chairman of International Military Council on Climate and Security

09h30 – 10h15

Part I. PANEL DISCUSSION: Artificial intelligence and smart grids for resilient energy in defence

This panel will examine how artificial intelligence, smart grids, and advanced energy management systems can enhance the resilience, efficiency, and security of defence energy infrastructures. Discussions will focus on integrating renewables, optimising demand, protecting critical assets against cyber and physical threats, and ensuring uninterrupted power supply during crises. Some practical use cases from defence installations will be highlighted and it will be explored how intelligent energy systems can support both sustainability objectives and operational readiness.

Setting the scene: Moderator: Fabien Caparros, Project Officer Digital, European Defence Agency

Ioannis Glekas, Director, AEOLIKI Ltd

Udo Hoffmann, Head of Government & National Security DACH, Schneider Electric

Isidoros Monogioudis, Project Officer Information Technologies, European Defence Agency

10h15 – 10h45

Coffee break (patio and exhibition area) - networking and onsite exhibition

10h45 – 11h30

Part II. PANEL DISCUSSION: Financing Europe's energy transition: Bridging defence, industry and EU funding instruments

This panel will examine the opportunities and challenges associated with EU and national funding and financing for energy-related innovation, with a particular focus on dual-use applications relevant to defence and security. Panellists will discuss the shared practical, regulatory, and coordination challenges encountered by both industry and public authorities in public-private cooperation. Drawing on concrete experience—including successful participation in EU funding programmes such as Horizon 2020 and European Defence Fund — the discussion will explore lessons learned, best practices, and recommendations to improve access to funding, reduce administrative complexity, and accelerate the implementation of resilient energy solutions across Europe.

Setting the scene: Moderator: Carl-Johan Lind, Policy Officer Industry Engagement & EU Policies, European Defence Agency

Lt Col (AF) Antonis Antoniou, Head of the Research and Innovation Sector, Ministry of Defence of Cyprus

Matej Gajzer, TECES Managing Director / SiEnE President

Aimilia Pistrika, Head of EIB Group Office in Cyprus, European Investment Bank

11h30 – 12h45

Part III. COMPANY PITCHES**Room A (10 companies)****Room B (10 companies)**

Interested exhibitors will briefly present their innovative energy technologies and solutions to participants.

12h45 – 14h00

*Exhibition and reception - networking***14h00****End of ETS Conference**