

17-18 JUNE 2025 – [Novotel Warszawa Centrum](#) – WARSAW, POLAND

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

DRAFT PROGRAMME
FIRST CF SEDSS IV CONFERENCE (17-18 JUNE 2025)

EDA is organising the 1st CF SEDSS IV Conference on 17-18 June 2025 under the auspices of the Polish Presidency of the Council of the European Union (EU) and hosted by the Ministry of Defence of Poland (PL MoD).

MONDAY, 16 JUNE 2025 (1st CONFERENCE - DAY 0)

18h30 – 20h00 Conference registration (hotel lobby)

19h30 – 21h30 Buffet dinner

TUESDAY, 17 JUNE 2025 (1st CONFERENCE - DAY 1)

09h00 – 09h25 Conference registration (conference area)

09h30 – 10h15 **1. OPENING PLENARY SESSION****Introduction** **Maja Kuzel**, CF SEDSS IV Project Manager, European Defence Agency**Welcome addresses** **Sean White**, Director Industry, Synergies and Enablers (ISE), European Defence Agency
Krzysztof Zielski, Deputy Chief of the General Staff of the Polish Armed Forces
Katarzyna Smyk, Head of European Commission Representation, Poland**Keynote speech** **Paweł Wronka**, Representative of the Chief of the General Staff of the Polish Armed Forces10h15 – 10h30 **Group photo**

10h30 – 11h00 Coffee break – networking

11h00 – 12h30 **2. PLENARY SESSION****Setting the scene**, **Michał Wierciński**, Deputy Director of Research, Technology, and Innovation / Head of Unit EU-funded defence research, European Defence Agency

- 2.1. **EU energy policy framework**, **Natanael Cartaxo**, European Commission, Policy Officer
- 2.2. **Implementing the EU's policy framework on climate, defence, and security**, **Joseph Freeley**, Policy Officer, European External Action Service
- 2.3. **Defence energy-related policy and projects in Poland: impact and best practices**, **Patryk Kierzkowski**, Senior Specialist, PL MoD
- 2.4. **Symbiosis (Offshore Renewable Energy for Defence) project conclusions**, **Moritz Haller**, Research, Technology and Innovation Coordinator, European Defence Agency
- 2.5. **CF SEDSS IV work plan**, **Maja Kuzel**, CF SEDSS IV Project Manager, and **Shana Leclercq**, CF SEDSS IV Deputy Project Manager, European Defence Agency

Q&A

Administrative points – Aline Blanchard, CF SEDSS IV Interim Administrative Assistant

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| 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 |
| 17h30 – 17h50 | EU MoDs national contact points (NCPs) meeting |
| 18h45 – 22h15 | Networking dinner hosted by the Polish Presidency of the Council of the EU/Polish Ministry of Defence (Palace of Culture and Science - PkiN) |

WEDNESDAY, 18 JUNE 2025 (1st CONFERENCE - DAY 2)09h00 – 10h30 **5. PARALLEL SESSIONS - WORKING GROUPS (see next pages)**

10h30 – 11h00 Coffee break - networking

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

12h30 – 14h00 Lunch break - networking

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

15h30 – 16h00 Coffee break - networking

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** (EDA) and TWG: **Moritz Haller** (EDA)**CF SEDSS Phase IV way ahead****CF SEDSS IV project management team: Maja Kuzel, Shana Leclercq and Aline Blanchard**, European Defence Agency**Concluding remarks****Michał Wierciński**, Deputy Director of Research, Technology and Innovation, European Defence Agency17h15 End of 1st conference

19h30 – 21h00 Buffet dinner (hotel restaurant) - networking

**1st CF SEDSS IV CONFERENCE, DAY 1
TUESDAY, 17 JUNE 2025**

3. PARALLEL SESSION – WORKING GROUPS (13H30-15H00)

| WG1 Energy Efficiency and Buildings Performance | WG2 Renewable Energy Sources | WG3 Protection of Critical Energy Infrastructure | WG Transversal |
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| Team leader: Andrej Bohinc Moderator: Marios Theodorakopoulos EDA: Aline Blanchard | Team leader: Jim Burke Moderators: Dirk Wauman, Mathieu Bervas EDA: Shana Leclercq | Team leader: Ioannis Chatzalexandris (EDA) Moderators: Alexandru Georgescu, Nektarios Nasikas, Tina Andoljsek DG ENER: Natanael Cartaxo | Team leader: Moritz Haller (EDA) Deputy team leader: Giorgos Demetriou (EDA) Moderators: - Policy and Management Observatory: Damien McEvoy, Gintaras Labutis, Xander Beks - Technology, Research and Innovation Hub: Robert Sipek, Linda Oukacine CINEA: Oronzo Daloiso |
| 1. OPENING REMARKS Tour de Table WG1 Agenda and Objectives 1.1 CF SEDSS IV – WG1 Scope, Objectives, and Work Plan | 1. OPENING REMARKS Tour de Table WG2 Agenda and Objectives 1.1 CF SEDSS IV – WG2 Scope, Objectives, Work Plan, and Deliverables 1.2 CF SEDSS III Recap - Info Sheets, Studies, and Guidance Document | 1. OPENING REMARKS Tour de Table WG3 Agenda and Objectives 1.1 CF SEDSS IV – WG3 Scope, Objectives, and Work Plan 2. DELIVERABLES 2.1. 1st Deliverables Cycle – Roles, Responsibilities, and Timelines Nektarios Nasikas, Moderator 2.2. Phase III and New Topics to Explore Alexandru Georgescu, Moderator | 1. OPENING REMARKS Tour de Table TWG Agenda and Objectives 1.1 CF SEDSS IV – TWG Scope, Objectives, and Work Plan 1.2 1st Deliverables Cycle – Roles, Responsibilities, and Timelines Neus Rodriguez, EDA 2. STRATEGY IN FOCUS – A COLLABORATIVE REVIEW 2.1 MoDs Strategy Documents Damien McEvoy, Irish Defence Forces |

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| | | 2.3. PCEI: an EU Defence Capability Priority Tina Andoljsek, SI MoD | |
| COFFEE BREAK – NETWORKING (15H00-15H30) | | | |
| 4. PARALLEL SESSION – WORKING GROUPS (15H30-17H00) | | | |
| WG1 Energy Efficiency and Buildings Performance | WG2 Renewable Energy Sources | WG3 Protection of Critical Energy Infrastructure | WG Transversal |
| 2. DELIVERABLES 2.1. 1st Deliverables Cycle – Roles, Responsibilities, and Timelines 2.2. Phase III and New Topics to Explore | 2. IMPACT SURVEY Shana Leclercq, EDA 3. PHASE III AND NEW TOPICS TO EXPLORE 3.1. Carry-over Projects: - Long-Term Storage of Military Equipment - Sustainability of the Supply of Materials for RES 3.2. New Topics to Explore | 3. PRESENTATIONS 3.1 EU Initiatives on Preparedness, Security and Defence Natanael Cartaxo, DG ENER 4. IMPACT SURVEY 4.1 Quantitative Approach to the WG3 Impact Tina Andoljsek, SI MoD 4.2 Industrial Symbiosis for Resilience Christos Makropoulos, National Technical University of Athens | 3. IMPACT AND DELIVERABLES 3.1. Recap of Phase III and New Topics to Explore 3.2 Phase III Impact Survey |
| End of Day 1 | | | |
| 1 st CF SEDSS IV CONFERENCE, DAY 2 WEDNESDAY, 18 JUNE 2025 | | | |
| 5. PARALLEL SESSION – WORKING GROUPS (09H00-10H30) | | | |

| WG1 Energy Efficiency and Buildings Performance | WG2 Renewable Energy Sources | WG3 Protection of Critical Energy Infrastructure | WG Transversal |
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| 3. PRESENTATIONS 3.1 Climate Change Mitigation with Wooden Construction Andreja Kutnar , InnoRenew CoE and University of Primorska 3.2 Delivering Low Low-Carbon Society: The Role of Whole Building Life Cycle Assessment Amborse Dodoo , Linnaeus University | 4. BRAINSTORMING 4.1 Recap of Scope as Set Out in the Renewable Energy Directive Dirk Wauman , BE MoD 4.2 Energy Storage - Overview, Based on Phase III Study 5. ALTERNATIVE FUELS, DEFENCE MOBILITY 5.1 European Commission Perspective Natanael Cartaxo , DG ENER 5.2 Concawe and FuelsEurope perspective Jean-Marc Sohier , Concawe Alessandro Bartelloni , FuelsEurope 5.3 WG2 Results from Leuven on Alternative Fuels Jim Burke , Team leader | 5. PRESENTATIONS 5.1 Modelling the Impact of Cyberattacks on Defence-Related CEI Luisa Franchina , Hermes Bay 5.2 Legal Issues on Offshore Critical Energy Infrastructures Roxana Andrei , University of Lisbon (ISCTE) 5.3 Nuclear Energy Infrastructure Security Petre Min , National Commission for Nuclear Activities Control (CNCAN) 5.4 Attacks on CEI and Their Impacts on Defence Thierry Bross , SciencesPo | 4. DISCUSSION ON PROJECT IDEAS FROM PHASE III AND THE WAY AHEAD Robert Šipeć , SI MoD Linda Oukacine , French National Research Agency Xander Beks , NL MoD 4.1 Operational Energy as an Emerging Concept in the Military, Aligned with Installation Energy Management Efforts Gintaras Labutis , Military Academy of Lithuania |
| COFFEE BREAK - NETWORKING (10H30-11H00) | | | |
| 6. PARALLEL SESSION – WORKING GROUPS (11H00-12H30) | | | |
| WG1 Energy Efficiency and Buildings Performance | WG2 Renewable Energy Sources | WG3 Protection of Critical Energy Infrastructure | WG Transversal |

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| <p>4. PRESENTATIONS</p> <p>4.1 Smart Innovations for Energy Efficiency and Defence Ecosystem Engagement in the Building Renovation Lifecycle Dr. Marina Kouta, University of Patras</p> <p>4.2 EPC - Energy Performance Contracting: A Powerful Tool Yorgos Stephanedes, University of Patras</p> | <p>6. SYMBIOSIS PROJECT RESULTS Athanasios Kolios, Technical University of Denmark</p> <p>7. PRESENTATIONS ON RES PROJECTS – BEST PRACTICES FROM MS</p> <p>7.1 The Kilworth Hydrogen Fuel Cell Project Jim Burke, Team Leader Commandant Eoghan Carton, Irish Army Corps of Engineers</p> <p>7.2 Lightweight Solar Panel Mathieu Bervas, FR MoD Laurent Mimaud, Creawatt</p> | <p>6. PRESENTATIONS</p> <p>6.1 AI in PCEI Luca Sambucci, AI Security</p> <p>6.2 Symbiosis Project Conclusions Athanasios Kolios, Technical University of Denmark</p> <p>6.3 Small Modular Reactor's Security – Challenges for the Defence Sector Michael Hewitt, ULC-Energy</p> <p>6.4 Vulnerability to Climate Change, Climate Change Threats to Security, and Responses Stella Apostolaki, American College of Greece</p> | <p>5. FINANCIAL INSTRUMENTS</p> <p>5.1 EDA Ad hoc Framework and EDF Moritz Haller, EDA</p> <p>5.2 Discussing the Experience of EDF Project INDY, EDA CAT B Project E+ZERO, and CapTech Energy and Environment Project Ideas Matej Gajzer, TECES</p> <p>5.3 Presentation on SPIE Jacco Saaman, SPIE</p> |
| <p>LUNCH BREAK – NETWORKING (12H30-14H00)</p> | | | |
| <p>7. PARALLEL SESSION – WORKING GROUPS (14H00-15H30)</p> | | | |
| <p>WG1 Energy Efficiency and Buildings Performance</p> | <p>WG2 Renewable Energy Sources</p> | <p>WG3 Protection of Critical Energy Infrastructure</p> | <p>WG Transversal</p> |
| <p>5. IMPACT SURVEY</p> <p>6. SUMMARY - CLOSING REMARKS: OUTCOMES FOR THE PLENARY SESSION</p> | <p>8. IDENTIFICATION OF POSSIBLE TOPICS FOR INFO SHEETS AND STUDIES</p> <p>9. SUMMARY - CLOSING REMARKS: OUTCOMES FOR THE PLENARY SESSION</p> | <p>7. CONTRACTED STUDIES PROPOSALS</p> <p>7.1. PCEI in Military Education Georgios Kaimakamis, Military Academy of Greece</p> | <p>6. SKILLS AND BEHAVIOUR</p> <p>6.1 Securing Skills for a Competitive, Digital, and Sustainable Europe - Cedefop Skills Intelligence in the Spotlight Juergen Siebel, CEDEFOP</p> <p>6.2 Foresight on Critical Energy Infrastructure</p> |

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| | | <p>7.2 Space and PCEI Interdependencies Including Future Technological Evolutions Panagiotis Kikiras, University of Thessaly</p> <p>7.3 The Impact of New Construction Techniques and Materials on the Construction of Critical Energy Infrastructures Nektarios Nasikas, Hellenic Military Academy</p> <p>7.4 Open Discussion-Selection process</p> <p>8. SUMMARY - CLOSING REMARKS: OUTCOMES FOR THE PLENARY SESSION</p> | <p>Georgios Kolliarakis, German Council on Foreign Relations</p> <p>6.3 Evolving Trends in Energy-Related Behaviour Gintaras Labutis, Military Academy of Lithuania</p> <p>7. SUMMARY - CLOSING REMARKS: OUTCOMES FOR THE PLENARY SESSION</p> |
| COFFEE BREAK – NETWORKING (15H30-16H00) | | | |