

30 NOVEMBER – 1 DECEMBER 2022 – [CORINTHIA HOTEL](#) – PRAGUE, CZECH REPUBLIC  
THIRD PHASE OF THE CONSULTATION FORUM FOR SUSTAINABLE ENERGY IN THE DEFENCE AND SECURITY SECTOR (CF SEDSS III)

PROGRAMME  
**FIFTH CONFERENCE (30 NOVEMBER-1 DECEMBER 2022)**

The European Defence Agency (EDA) organises the 5<sup>th</sup> CF SEDSS III conference on 30 November and 1 December 2022 under the auspices of the Czech Presidency of the Council of the European Union (EU) and hosted by the Ministry of Defence of the Czech Republic (CZ MoD).

**TUESDAY, 29 NOVEMBER 2022 (DAY 0)**

18h30 – 20h00 Conference registration (lobby)  
19h30 – 22h00 Buffet dinner – networking at the hotel restaurant

**WEDNESDAY, 30 NOVEMBER 2022 (DAY 1)**

08h45 – 09h20 Conference registration (third floor)

09h30 – 10h15 **1. OPENING PLENARY SESSION**

**Introduction** **Constantinos Hadjisavvas**, CF SEDSS III and Symbiosis Project Manager, European Defence Agency

**Welcome addresses** **Jan Jireš**, Deputy Minister for Defence Policy and Strategy, Czech Republic  
**Jiří Šedivý**, Chief Executive, European Defence Agency

**Keynote speech** **Eva Horelová**, Deputy Head of Mission, European Commission Representation in Czech Republic

10h15 – 10h30 **Group photo**

10h30 – 11h00 Coffee break – networking



11h00 – 12h30 **2. PLENARY SESSION**

**Setting the scene, Panagiotis Kikiras**, Head of Unit Technology and Innovation, EDA

### 2.1 CF SEDSS III energy-related topics

- 2.1.1 **REPowerEU: delivering the EU's 2030 Climate Target on the way to climate neutrality**, Massimo Maraziti, Policy Officer, DG ENER, European Commission
- 2.1.2 **Towards a new joint EU policy framework for climate change, defence and security: update on progress made and next steps**, Raphaela Engel, Policy Officer, Security and Defence Policy Division, EEAS and Thure Christiansen, Secretariat General, European Commission
- 2.1.3 **Defence energy-related projects in the Czech Republic: impact and best practices**, Martina Nedvedova, Environmental Expert of the Logistics Division, Ministry of Defence of the Czech Republic

### 2.2 CF SEDSS Phase III work plan

- 2.2.1 **CF SEDSS III state of play**, Constantinos Hadjisavvas, CF SEDSS III and Symbiosis Project Manager, EDA and Maja Kuzel, CF SEDSS III Deputy Project Manager, EDA
- 2.2.2 **CF SEDSS III WG3 Study: "Impacts of climate change on defence-related critical energy infrastructure"**, Constantinos Hadjisavvas, CF SEDSS III and Symbiosis Project Manager and Ricardo Tavares da Costa, Project Officer, Joint Research Centre, European Commission

### 2.3 Symbiosis project (offshore renewable energy for defence)

- 2.3.1 **Scope and impact**, Constantinos Hadjisavvas, CF SEDSS III and Symbiosis Project Manager, EDA
- 2.3.2 **Objectives and key activities**, Giorgos Dimitriou, CF SEDSS III TWG Team Leader and Symbiosis Deputy Project Manager, EDA

## Discussion

### Administrative points

12h30 – 14h00 Lunch break - networking

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

15h30 – 16h00 Coffee break - networking

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

17h00 End of the first day

17h10 – 17h30 **EU MoDs national contact points (NCPs) meeting**

19h15 – 23h00 **Networking dinner hosted by the Czech Presidency of the Council of the EU/Ministry of Defence of the Czech Republic (National Museum, Prague) – meet at the hotel entrance at 19h15 (CZ MoD will provide the transportation to the venue and back)**

**THURSDAY, 1 DECEMBER 2022 (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 – 15h00 **7. PARALLEL SESSIONS - WORKING GROUPS (see next pages)**

15h00 – 15h30 Coffee break - networking

15h30 – 16h30 **8. CLOSING PLENARY SESSION****Moderator: Constantinos Hadjisavvas (EDA)****Working groups presentation: outcome and way ahead**

WG1: Ilias Manolis (EL), WG2: Jim Burke (IE), WG3: Ioannis Chatzalexandris (EL) and TWG: Giorgos Demetriou (EDA)

**CF SEDSS III Phase III: state of play and way ahead****CF SEDSS III project management team: Maja Kuzel and Alessandra Lazzari (EDA)****Next events:**

- **2<sup>nd</sup> CF SEDSS High-level Joint Defence and Energy Meeting, 8-9 June 2023:** under the auspices of the Swedish Presidency of the Council of the EU - hosted by the SE MoD, **Louise Sköldbäck**, Sustainability Advisor, Swedish Armed Forces
- **6<sup>th</sup> CF SEDSS III Conference and 2<sup>nd</sup> CF SEDSS III Energy Technology Solutions Conference and on-site exhibition, 29 November – 1 December 2023:** under the auspices of the Spanish Presidency of the Council of the EU – hosted by the ES MoD, **Angel Manuel Monteagudo Pousa**, ES MoD, General Sub-direction Planning and Environment

**Concluding remarks****Jean-François Ripoche**, Director Research, Technology and Innovation, European Defence Agency16h30 End of 5<sup>th</sup> conference

19h30 – 22h00 Buffet dinner – networking at the hotel

5<sup>th</sup> CF SEDSS III CONFERENCE, DAY 1  
WEDNESDAY, 30 NOVEMBER 2022

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

<b>WG1 Energy Efficiency and Buildings Performance</b>	<b>WG2 Renewable Energy Sources</b>	<b>WG3 Protection of Critical Energy Infrastructure</b>	<b>WG Transversal</b>
<p><b>Team leader:</b> Ilias Manolis (EL) <b>Moderator:</b> David Martin Borreguero (ES) <b>EDA:</b> Alessandra Lazzari (EDA) <b>DG ENER:</b> Massimo Maraziti</p>	<p><b>Team leader:</b> Jim Burke (IE) <b>Moderators:</b> Dirk Wauman (BE) Maja Kuzel (EDA) <b>DG ENER:</b> Henrik Dam</p>	<p><b>Team leader:</b> Ioannis Chatzialexandris (EL) <b>Moderators:</b> Alexandru Georgescu (RO) Nicolas Mazzucchi (FR) <b>DG ENER:</b> Beatriz Sinobas and Christine Banken</p>	<p><b>Team leader:</b> Giorgos Demetriou (EDA) <b>Deputy team leader:</b> Moritz Haller (EDA) <b>Moderators:</b> - <b>Policy &amp; Management Observatory:</b> Gintaras Labutis (LT), Xander Beks (NL) - <b>Technology, Research &amp; Innovation Hub:</b> Robert Sipek (SI), Nicholas Kyriakides (CY) - <b>Financing &amp; Funding Gateway Cell:</b> Pierre Di Toro (EDA) <b>DG ENER:</b> Claudia Canevari <b>CINEA:</b> Oronzo Daloiso</p>
<p><b>1. OPENING REMARKS</b> - Tour de Table - WG1 Agenda &amp; objectives - Recap of 1<sup>st</sup> cycle deliverables</p> <p><b>2. WG1 WORK PLAN FOR THE 2<sup>nd</sup> CYCLE OF DELIVERABLES (2022-2024): STUDIES, PROJECT IDEAS, GUIDANCE DOC AND TIMELINES</b> Ilias <b>Manolis</b>, WG1 Team Leader, EL MoD</p>	<p><b>1. OPENING REMARKS</b> - Tour de Table - WG2 Agenda &amp; objectives - Recap of 1<sup>st</sup> cycle deliverables</p> <p><b>2. WG2 WORK PLAN FOR THE 2<sup>nd</sup> CYCLE OF DELIVERABLES (2022-2024): STUDIES, PROJECT IDEAS, GUIDANCE DOC AND TIMELINES</b> Jim <b>Burke</b>, WG2 Team Leader</p>	<p><b>1. OPENING REMARKS</b> - Tour de Table - WG3 Agenda &amp; objectives - Recap of 1<sup>st</sup> cycle deliverables</p> <p><b>2. WG3 WORK PLAN FOR THE 2<sup>nd</sup> CYCLE OF DELIVERABLES (2022-2024): STUDIES, PROJECT IDEAS, GUIDANCE DOC AND TIMELINES</b> Ioannis <b>Chatzialexandris</b>, WG3 Team Leader</p>	<p><b>1. OPENING REMARKS</b> - Tour de Table - TWG Agenda &amp; objectives - Recap of 1<sup>st</sup> cycle deliverables</p> <p><b>2. TWG WORK PLAN FOR THE 2<sup>nd</sup> CYCLE OF DELIVERABLES (2022-2024): STUDIES, PROJECT IDEAS, GUIDANCE DOC AND TIMELINES</b> Giorgos <b>Demetriou</b>, TWG Team Leader</p>

<p><b>3. UPDATE ON WG1 PROJECT IDEAS</b></p> <p><b>3.1 Update on REFASYS project idea</b> Annamaria <b>Scalingi</b>, IT MoD, Maria-Anna <b>Segreto</b>, ENEA and Maria Irene <b>Cardillo</b>, GREENBLOCK</p> <p><b>3.2 Update on MIL-BEHAVIOUR project idea</b> Kostas <b>Sioulas</b>, CRES</p>	<p><b>3. UPDATE ON THE NEW EDA SYMBIOSIS (OFFSHORE RENEWABLE ENERGY FOR DEFENCE) PROJECT</b> Constantinos <b>Hadjisavvas</b>, EDA</p>	<p><b>3. CRITICAL ENERGY INFRASTRUCTURE (CEI) EU LEGISLATION UPDATE</b> Christine <b>Banken</b>, DG ENER</p>	<p><b>3. TECHNOLOGY, RESEARCH AND INNOVATION HUB (PART A)</b></p> <p><b>3.1 Results of the CF SEDSS III Joint WG2 and TWG Thematic Workshop on Hydrogen (11-12 October 2022)</b> Robert <b>Šipec</b>, TWG Moderator, SI MoD</p>
<p><b>COFFEE BREAK – NETWORKING (15H30-16H00)</b></p>			
<p><b>4. PARALLEL SESSION – WORKING GROUPS (16h00-17h00)</b></p>			
<p><b>WG1 Energy Efficiency and Buildings Performance</b></p>	<p><b>WG2 Renewable Energy Sources</b></p>	<p><b>WG3 Protection of Critical Energy Infrastructure</b></p>	<p><b>WG Transversal</b></p>
<p><b>4. MAKING BUILDINGS READY FOR NET-ZERO WITH HYDRAULIC OPTIMISATION</b> Ruben <b>Vos</b>, Hysopt</p> <p><b>5. LESSONS LEARNT ON NATIONAL PROGRAMMES REGARDING EPC IMPLEMENTATION</b> Jens <b>Van Gyseghem</b>, BE MoD</p>	<p><b>4. CF SEDSS WG2 ENERGY STORAGE CONTRACTING STUDY UPDATE</b> Stephen <b>Collier</b>, EDA contractor</p> <p><b>5. BRIEFING ON CF SEDSS III JOINT WG2 AND TWG THEMATIC WORKSHOP ON HYDROGEN (11-12 OCTOBER 2022)</b> Jim <b>Burke</b>, WG2 Team Leader</p> <p><b>6. FRENCH VISION OF HYDROGEN FOR THE MILITARY</b> Raphaël <b>Danino-Perraud</b>, FR MoD</p>	<p><b>4. UPDATE ON WG3 RESEARCH STUDIES</b> Alexandru <b>Georgescu</b> (ICI), WG3 Moderator</p> <p><b>4.1 Impacts of climate change on defence-related critical energy infrastructure</b> Constantinos <b>Hadjisavvas</b>, EDA and Ricardo <b>Tavares da Costa</b>, JRC</p> <p><b>4.2 Improving situational awareness mapping of critical energy infrastructure dependencies</b> Christos <b>Makropoulos</b>, NTUA-EL</p>	<p><b>3. TECHNOLOGY, RESEARCH AND INNOVATION HUB (PART B)</b></p> <p><b>3.2 Discussing how to ensure the link between the hydrogen valley concept and the military mobility project</b> Robert <b>Šipec</b>, TWG Moderator, SI MoD</p> <p><b>3.3 Digitising the defence green transition: data capture and sharing</b> Nicholas <b>Kyriakides</b>, TWG Moderator, CY</p>

**4.3 Increasing the resilience of defence-related CEI against hybrid threats (study) and update on the upcoming table-top exercise (26-27 May 2023, Sofia, BG)**  
Constantinos **Hadjisavvas**, EDA and Kari **Rannikko**, EDA contractor

**End of Day 1**

**5<sup>th</sup> CF SEDSS III CONFERENCE, DAY 2  
THURSDAY, 1 DECEMBER 2022**

**5. PARALLEL SESSION – WORKING GROUPS (09H00 – 10H30)**

<b>WG1 Energy Efficiency and Buildings Performance</b>	<b>WG2 Renewable Energy Sources</b>	<b>WG3 Protection of Critical Energy Infrastructure</b>	<b>WG Transversal</b>
<p><b>6. SMALL WORKSHOP ON “PASSIVE ENERGY EFFICIENCY MEASURES FOR REDUCING REQUIREMENTS FOR A/C IN THE SUMMER”</b> (two presentations, followed by round-table discussion on national implementation cases) Marjorie <b>Musy</b>, CEREMA Ioannis <b>Glekas</b>, Aioliki Ltd</p> <p><b>7. GREEN PUBLIC PROCUREMENT IMPACT ON DEFENCE/FOLLOW-UP (CF SEDSS WG1 AND EDA IF CEED SYNERGIES)</b> Karina <b>Glapka</b>, EDA</p>	<p><b>7. UPDATE ON RECOMMENDATIONS OF CF SEDSS III 1<sup>ST</sup> CYCLE DELIVERABLES</b> Jim <b>Burke</b>, WG2 Team Leader</p> <p><b>7.1 Discussion on findings: identify remaining gaps and discuss topic for the remaining contracting study</b> Jim <b>Burke</b>, WG2 Team Leader</p> <p><b>8. FUTURE CHALLENGES: HEATING AND COOLING IN THE DEFENCE SECTOR</b></p> <p><b>8.1 Concerted Action RES perspective</b> Leonardo <b>Barreto-Gomez</b>, CA-RES IV</p>	<p><b>5. GOOD PRACTICES FOR DEVELOPING NATIONAL CLIMATE STRATEGIES</b> Stergios <b>Paparizos</b>, EL MoD</p> <p><b>6. PROTECTION OF INFRASTRUCTURE BEYOND TERRITORIAL WATERS</b> Roxanna <b>Andrei</b>, Center for International Studies of Lisbon-PTPT</p> <p><b>7. MANAGEMENT AND RESILIENCE OF CEI IN LONG-TERM CRISIS</b> Luisa <b>Francina</b>, Hermes Bay IT</p>	<p><b>4. POLICY AND MANAGEMENT OBSERVATORY</b></p> <p><b>4.1 Policy toolbox – making use of the power of data</b> Alexander <b>Beks</b>, TWG Moderator, NL MoD</p> <p><b>4.2 The analysis of EU member states’ energy and environmental strategies</b> Gintaras <b>Labutis</b>, TWG Moderator, LT MoD</p> <p><b>4.3 The analysis of the outcomes and challenges of CORE21-B tabletop exercise on the resilience of the Baltic Power System</b> Vytyis <b>Kopustinskas</b>, DG JRC</p>

	<p><b>8.2 Discussion</b></p> <p><b>9. FUTURE CHALLENGES: TRANSPORTATION IN THE DEFENCE SECTOR</b></p> <p><b>9.1 Concerted Action RES perspective</b> Leonardo <b>Barreto-Gomez</b>, CA-RES IV</p> <p><b>9.2 Discussion</b></p>		
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**COFFEE BREAK - NETWORKING (10H30-11H00)**

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

<b>WG1 Energy Efficiency and Buildings Performance</b>	<b>WG2 Renewable Energy Sources</b>	<b>WG3 Protection of Critical Energy Infrastructure</b>	<b>WG Transversal</b>
<p><b>8. ZERO ENERGY APPROACHES IN THE DEFENCE SECTOR</b></p> <p><b>8.1 Update on ZEROENERGYMOD (LIFE-funded project)</b> Adeline <b>Rezeau</b>, Defence Centre Zaragoza University, and Jesús <b>Montero</b>, ARPA</p> <p><b>8.2 Update on the 3<sup>rd</sup> WG1 contracting study on “Barriers to success and solutions to implementing energy efficiency measures in defence buildings and sites”</b> Liam <b>McLaughlin</b>, EDA contractor</p>	<p><b>10. EU RESPONSE TO UKRAINE CRISIS. REPOWEREU AND IMPLICATIONS FOR THE DEFENCE SECTOR</b></p> <p><b>10.1 REPowerEU – elements impacting RES and defence</b> Henrik <b>Dam</b>, DG ENER</p> <p><b>10.2 Discussion on the REPowerEU implementation</b> Jim <b>Burke</b>, WG2 Team Leader</p> <p><b>11. FUTURE WORK</b></p> <p><b>11.1 Discussion on topics for 2<sup>nd</sup> CF SEDSS III cycle work</b></p>	<p><b>8. CRITICAL ENERGY INFRASTRUCTURE – Topics to be considered for future activities (financial, ownership, nuclear, etc.)</b> WG3 Team Leader – Moderators – All</p> <p><b>9. UPDATE AND DISCUSSION ON THE HYBRID THREATS TTX</b> WG3 Team Leader – Moderators</p> <p><b>10. OPEN DISCUSSION FOR DEFINING THE SCOPE OF WG3 FUTURE ACTIVITIES</b> Team Leader – Moderators – All</p>	<p><b>4.4 Designing policy tools from leadership principles</b> Jeroen <b>Haans</b>, NL MoD and Alexander <b>Beks</b>, TWG Moderator, NL MoD and Floor <b>Kleemans</b>, NL MoD</p> <p><b>5. FINANCE AND FUNDING GATEWAY CELL</b></p> <p><b>5.1 Making sustainable finance work for defence: opening up opportunities and addressing the challenges</b> Carl-Johan <b>Lind</b>, EDA</p> <p><b>5.2 The EDA’s IdentiFunding: how to use it for energy-related projects</b> Pierre <b>Di Toro</b>, TWG Moderator, EDA</p>

	11.2 Look ahead to Phase IV of the CF SEDSS		
<b>LUNCH BREAK – NETWORKING (12H30-14H00)</b>			
<b>7. PARALLEL SESSION – WORKING GROUPS (14H00-15H00)</b>			
<b>WG1 Energy Efficiency and Buildings Performance</b>	<b>WG2 Renewable Energy Sources</b>	<b>WG3 Protection of Critical Energy Infrastructure</b>	<b>WG Transversal</b>
<p>9. TOPICS FOR THE NEXT PLENARY</p> <p>10. LOOK AHEAD TO PHASE IV OF THE CF SEDSS</p> <p>11. SUMMARY - CLOSING REMARKS: OUTCOMES FOR THE PLENARY SESSION</p>	<p>12. SUMMARY - CLOSING REMARKS: OUTCOMES FOR THE PLENARY SESSION</p>	<p>11. LOOK AHEAD TO PHASE IV OF THE CF SEDSS</p> <p>12. SUMMARY - CLOSING REMARKS: OUTCOMES FOR THE PLENARY SESSION</p>	<p>6. CROSS WORKING GROUPS CONVERGING THEMES FOR THE CF SEDSS GUIDANCE DOCUMENT Jennifer <b>Fiebig-Schulze</b>, DE MoD and Shana <b>Leclercq</b>, EDA</p> <p>7. LOOK AHEAD TO PHASE IV OF THE CF SEDSS - WORKSHOP Giorgos <b>Demetriou</b>, TWG Team Leader, Moritz <b>Haller</b>, TWG Deputy Team Leader and Shana <b>Leclercq</b>, EDA</p> <p>8. SUMMARY - CLOSING REMARKS: OUTCOMES FOR THE PLENARY SESSION</p>
<b>COFFEE BREAK – NETWORKING (15H00-15H30)</b>			