

27-28 OCTOBER 2020

## FIRST PLENARY VIRTUAL CONFERENCE (VTC)

### THIRD PHASE OF THE CONSULTATION FORUM FOR SUSTAINABLE ENERGY IN THE DEFENCE AND SECURITY SECTOR (CF SEDSS III)

TUESDAY, 27 OCTOBER 2020 (DAY 1)

08h30 – 09h00 Participants to connect to VTC via WebEx

09h00 – 10h00 **1. OPENING PLENARY SESSION****Introduction****Constantinos Hadjisavvas**, Chair CF SEDSS III, European Defence Agency**Welcome address****Ms Barbara Wießalla**, Head of the Directorate-General for Infrastructure, Environmental Protection and Services, Federal Ministry of Defence of Germany – Presidency of the Council of the EU**Keynote speeches****Mr Jiří Šedivý**, Chief Executive, European Defence Agency**High-level representative**, Directorate-General for Energy, European Commission -TBC

10h00 – 10h10 Break

10h10 – 12h00 **2. PLENARY SESSION****Setting the scene - Constantinos Hadjisavvas**, Chair CF SEDSS III, EDA**2.1 Updates**

- 2.1.1 European Green Deal & Clean Energy for All Europeans package: synergies and way ahead**, **Claudia Canevari**, Head of Unit, DG ENER, European Commission
- 2.1.2 Germany's National Hydrogen Strategy: potentials, opportunities and best practices**, **Dr Cyriac Massué**, German Ministry of Economics and Energy -TBC
- 2.1.3 CF SEDSS defence energy-related project ideas & 'Identifunding for Energy'**, **Pierre Di Toro**, Policy Officer Industry Engagement and EU Policies, EDA

**2.2 CF SEDSS phase III****2.2.1 Work plan (scope, objectives, deliverables, timelines)****CF III management team****2.2.2 Presentation of CF SEDSS III working groups**

- **Ilias Manolis**, Team leader, WG 1: Energy Efficiency and Buildings Performance;
- **Jim Burke**, Team leader, WG 2: Renewable Energy Sources;
- **Ioannis Chatzalexandris**, Team leader, WG 3: Protection of Critical Energy Infrastructure;
- **Giorgos Demetriou**, Team leader, TWG: Transversal WG

12h00 – 13h15 Lunch break



13h15 – 15h00	<b>3. PARALLEL SESSIONS - WORKING GROUPS (see next pages)</b>
15h00 – 15h30	Break
15h30 – 17h30	<b>4. PARALLEL SESSIONS - WORKING GROUPS (see next pages)</b>
17h30	<b>End of first day</b>

## WEDNESDAY, 28 OCTOBER 2020 (DAY 2)

08h30 – 09h00	Participants to connect to VTC via WebEx
09h00 – 10h30	<b>5. PARALLEL SESSIONS - WORKING GROUPS (see next pages)</b>
10h30 – 11h00	Break
11h00 – 12h30	<b>6. PARALLEL SESSIONS - WORKING GROUPS (see next pages)</b>
12h30 – 13h45	Lunch break
13h45 – 15h00	<b>7. PARALLEL SESSIONS - WORKING GROUPS (see next pages)</b>
15h00 – 15h30	Break
15h30 – 16h30	<b>8. CLOSING PLENARY SESSION</b>

### **Working groups presentation: outcome & way ahead**

WG 1 Team leader/Moderators

WG 2 Team leader/Moderators

WG 3 Team leader/Moderators

TWG Team leader/Moderators

### **CF SEDSS III phase III: state of play & way ahead**

CF SEDSS III management team

**Next event: 2<sup>nd</sup> CF SEDSS III Conference** (Portuguese Presidency of the Council of the EU - PT MoD, Lisbon, dates TBD)

### **Closing address**

**Jean-François Ripoche**, Director Research, Technology & Innovation, European Defence Agency

16h30	<b>End of conference</b>
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## TUESDAY 27 OCTOBER (DAY 1)

### 13H15 – 15H00 3. PARALLEL SESSIONS - WORKING GROUPS

#### WG1

#### Energy Efficiency and Buildings Performance

**Team leader:**

Ilias Manolis (EL)

**Moderator:**

David Martin Borreguero (ES)

**EDA:** Alessandra Lazzari

**DG ENER:**

Claudia Canevari

Massimo Maraziti

##### 1. Opening remarks

Tour de Table - Agenda of WG 1

##### 2. CF SEDSS WG1 Phase I and II Recap

David Borreguero (ES, WG1 moderator)

##### 3. CF SEDSS III work plan for WG 1 (part I)

Scope, objectives, deliverables, events and timelines - Ilias Manolis (EL, WG1 team leader)

##### 4. Accelerating energy renovation investments in buildings

Marina Economidou (JRC), followed by Q&A and discussion

#### WG2

#### Renewable Energy Sources

**Team leader:**

Jim Burke (IE)

**Moderators:**

Dirk Wauman (BE)

Giuditta Morandi (EDA)

**DG ENER:**

Henrik Dam

Massimo Maraziti

##### 1. Opening remarks

Tour de Table - Agenda of WG 2

##### 2. Recap of CF SEDSS II

Jim Burke (IE, WG2 team leader)

##### 3. Lessons learnt from the RES Matrix Tool -

Dirk Wauman (BE, WG2 moderator)

##### 4. EU legislative frameworks for renewable energy in the defence sector

Henrik Dam (DG ENER)  
Obligations for armed forces; permitting procedures – PPA; sustainability requirements for fuels and defence sector; contribution to the national energy and climate plans

##### 5. Discussion

#### WG3

#### Protection of Critical Energy Infrastructure

**Team leader:**

Ioannis Chatzialexandris (EDA)

**Moderators:**

Carmelo Maricchiolo (IT)

Alexandru Georgescu (RO)

**DG ENER:**

Remi Mayet

Beatriz Sinobas

##### 1. Opening remarks

Tour de Table - Agenda of WG 3

##### 2. CF SEDSS III work plan for WG 3 (Part I)

Scope, objectives, deliverables, events and timelines -

Ioannis Chatzialexandris (EDA, WG3 team leader)

##### 3. CF SEDSS II guidance document

Review of WG 3 recommendations – Carmelo Maricchiolo (IT, WG3 moderator)

##### 4. Presentations of WG3 -related topics

**i. PCEI position paper**  
Alexandru Georgescu (RO, WG3 moderator)

**ii. Hybrid threats impact on energy infrastructure (table-top exercise)**

Georgios Giannopoulos and Georgios Theodoridis (JRC) & Constantinos Hadjisavvas (EDA)

**iii. Pandemic's impact on CEI**

Dr C. Makropoulos (National Technical University of Athens - TBC)

#### WG

#### Transversal

**Team leader:**

Giorgos Demetriou (EDA)

**Deputy team leader:**

Moritz Haller (EDA)

**Moderators**

- **Policy & Management**

**Observatory:**

Gintaras Labutis (LT)

Xander Beks (NL)

- **Technology, Research &**

**Innovation Hub:**

Robert Sipec (SI)

Nicholas Kyriakides (CY)

- **Financing & Funding Gateway**

**Cell:** Pierre Di Toro (EDA)

**DG ENER:** Claudia Canevari

**EASME:** Christof Marx

##### 1. Opening remarks

Tour de Table - Agenda of TWG

##### 2.1 CF SEDSS III work plan for TWG

Scope, objectives, deliverables, events and timelines  
Giorgos Demetriou (EDA, TWG team leader)

##### 2.2 Overview of the convergence of CF SEDSS III themes with Horizon Europe

(EDA)

##### 3.1 Technology, Research & Innovation Hub

Robert Sipec (SI, TWG moderator) & Nicholas Kyriakides (CY, TWG moderator)

##### Discussion

**TUESDAY 27 OCTOBER (DAY 1)****15H30 – 17H30 4. PARALLEL SESSIONS - WORKING GROUPS****WG1****Energy Efficiency and Buildings Performance****5. Workshop on the European Green Deal/Renovation Wave**

Claudia Canevari and  
Massimo Maraziti (DG ENER)

**6. Zero Energy Communities (ZEC)**

Theodoros Theodosiou  
(Technical University of  
Thessaloniki)  
followed by Q&A session  
and discussion

**WG2****Renewable Energy Sources****6. Initial ideas on CF SEDSS III work plan for WG 2**

Scope, objectives,  
deliverables, events and  
timelines -  
Jim Burke (IE, WG2 team  
leader)

**7. Discussion - Q&A****8. ICARO presentation by IT MoD - 'Innovative Cardboard Architecture Responsive Project'**

Vincenzo Sapienza  
(Associate Professor of  
Building Construction,  
University of Catania)

**WG3****Protection of Critical Energy Infrastructure****5. pMS self-introduction - discussion**

Presentations by WG3  
members

**6. CF SEDSS III – existing project ideas (Part I)**

Set the example-initiate  
discussion for Phase II  
Alexandru Georgescu (RO,  
WG3 moderator)

**WG****Transversal****3.2 Technology Foresight methodology on Energy**

Gonzalez Guillermo  
Ingeniería de Sistemas  
para la Defensa de España  
(ISDEFE)

**3.3 Overarching Strategic Research Agenda (OSRA) and the Energy Technology Building Blocks (TBB)**

Moritz Haller (EDA, TWG  
Deputy team leader)

**4.1 Policy & Management Observatory**

Gintaras Labutis (LT)

**Discussion****4.2 The activities of the Netherlands Ministry of Defence on the measuring of energy use**

Alexander Beks & Jeltje  
van der Meulen (NL MoD)

**Discussion**

**WEDNESDAY 28 OCTOBER (DAY 2)**09H00 – 10H30 **5. PARALLEL SESSIONS - WORKING GROUPS****WG1****Energy Efficiency and Buildings Performance****7.1 Lessons learned from developing project ideas into concrete project proposals for EU funding mechanisms**

Best practices:

NZEB -Ilias Manolis (EL)

SPEEDUS -Carmelo

Maricchiolo (IT)

RESHUB -Robert Sipec (SI)

**7.2 Lessons learned from CF SEDSS collaborative project funding applications**

Patrice Lefeu (Ernst &amp;

Young),

followed by Q&amp;A session

**8. Discussion on proposed defence energy-related project ideas and studies and identification of new ones (Part I)****WG2****Renewable Energy Sources****9. RESHUB: status & best practices**

Robert Sipec (SI, TWG moderator)

**10. Continuing discussion Day 1 and consolidating outcome****11. Discussion on proposed defence energy-related project ideas and identification of new ones**

Information sheets

**WG3****Protection of Critical Energy Infrastructure****7. EU energy-related policy framework & implications on the activities of WG3**Reg 2017/1938 and 2019/941 regarding gas supply and electricity sector respectively  
Remi Mayet (DG ENER)**8. Discussion on proposed defence energy-related project ideas and identification of new ones (Part II)**

Information Sheets

**AI & cyber-security on CEI**

Georgios Giannopoulos and Georgios Theodoridis (JRC)

**WG****Transversal****5. Introduction: key points of Day 1**

Giorgos Demetriou (EDA, TWG team leader)

**6.1 Financing & Funding Gateway Cell**

Pierre Di Toro (EDA, TWG moderator)

**6.2 Support for energy efficiency investments in the defence sector under the European Green Deal Investment Plan**

DG ENER

**6.3 Improvement of Energy Efficiency including Energy Performance Contract (EPC)**

Lt.Col. Rafał Rodzik (PL MoD)

**6.4 Fit-for-purpose projects enabling EU funding access: hints and tips**

Patrice Lefeu &amp; Charlotte Mignon (Ernst &amp; Young)

**Discussion**

**WEDNESDAY 28 OCTOBER (DAY 2)**11H00 – 12H30 **6. PARALLEL SESSIONS - WORKING GROUPS****WG1****Energy Efficiency and Buildings Performance**

9. Discussion on proposed defence energy-related project ideas and studies and identification of new ones (continued -Part II)

**WG2****Renewable Energy Sources**

12. 'Hydrogen and Fuel Cell Solutions for Decarbonising the Defence Sector'

Dionisis Tsimis (Fuel Cells and Hydrogen Joint Undertaking)

13. Elaborate selected project ideas

Discussion

**WG3****Protection of Critical Energy Infrastructure**

9. Lessons learned from developing project ideas into concrete project proposals for funding/financing mechanisms

Best practices on SPEEDUS  
Carmelo Maricchiolo (IT, WG3 moderator) & Vittorio Rosato (ENEA)

10.1. Elaboration of defence energy-related project ideas (Part III)

information sheets

10.2 Presentation of collected project ideas

Discuss / present project ideas developed during the sessions n. 6, 8 & 10.1.

11. WG3 ad-hoc meetings and thematic workshops discussion

Carmelo Maricchiolo (IT, WG3 moderator)

**WG****Transversal**

7. Discussion on the status of defence energy-related project ideas and identification of new ones

Robert Sipec (SI, TWG moderator) & Nicholas Kyriakides (CY, TWG moderator)

8. Deliverable:

"Guidance on Advancing Sustainable Energy in Defence" – inputs of TWG

EDA

9. Thematic fields linking CF SEDSS III and InnoEnergy KIC

EDA



**WEDNESDAY 28 OCTOBER (DAY 2)**

**13H45 – 15H00 7. PARALLEL SESSIONS - WORKING GROUPS**

**WG1  
Energy Efficiency and  
Buildings Performance**

**10. Deliverable:  
“Guidance on  
Advancing Sustainable  
Energy in Defence” –  
inputs of WG1**

**11. WG 1 work plan  
(Part II)**

- deliverables: allocation of responsibilities and timelines;  
- WG 1 thematic workshop: location, dates, scope and agenda;  
- 2<sup>nd</sup> CF SEDSS III conference: WG agenda items (presentations, etc.).

**12. Summary - Closing remarks and outcomes for the plenary session**

**WG2  
Renewable Energy  
Sources**

**14. Deliverable:  
“Guidance on  
Advancing Sustainable  
Energy in Defence” –  
inputs of WG2**

**15. WG2 wrap-up/work plan**

- deliverables: allocation of responsibilities and timelines;  
- WG2 thematic workshop: location, dates, scope and agenda;  
- 2<sup>nd</sup> CF SEDSS III conference: WG agenda items (presentations, etc.).

**16. Summary - Closing remarks and outcomes for the plenary session**

**WG3  
Protection of Critical  
Energy Infrastructure**

**12. Guidance for  
tailoring project ideas  
to EU funding schemes**  
Pierre di Toro (EDA) &  
Ernst & Young

**13. Deliverable:  
“Guidance on  
Advancing Sustainable  
Energy in Defence” –  
inputs of WG3**

Discussion led by the team leader and moderators

**14. WG 3 work plan:**

- deliverables: allocation of responsibilities and timelines;  
- WG3 thematic workshop: location, dates, scope and agenda;  
- 2<sup>nd</sup> CF SEDSS III conference: WG agenda items (presentations, etc.).

**15. Summary - Closing remarks and outcomes for the plenary session**

**WG  
Transversal**

**10. Presentation by EIT  
InnoEnergy KIC:  
Accelerating  
sustainable energy  
innovations  
(EIT)**

**11. TWG work plan**

- deliverables: allocation of responsibilities and timelines;  
- TWG thematic workshop: location, dates, scope and agenda;  
- 2<sup>nd</sup> CF SEDSS III conference: WG agenda items (presentations, etc.).

**12. Summary - Closing remarks and outcomes for the plenary session**

Giorgos Demetriou (EDA, TWG team leader)