



CONFERENCE PROGRAMME

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

3rd Conference

26 & 27 February 2019 (Nicosia, Cyprus)

Hilton Cyprus Hotel

(98 Archbishop Makarios III Avenue, Nicosia, 1077, Cyprus)

Monday, 25 February 2019 (Day 0)	
19:00 – 20:30	Registration of Participants (hotel lobby)
19:00 – 22:00	Buffet dinner (Restaurant “FONTANA”)

Tuesday, 26 February 2019 (Day 1)	
08:00 – 09:00	Conference Registration (Foyer “BALLROOM”)
1. Opening Plenary Session (BALLROOM “B & C”)	
09:00 – 10:00	<p>Introduction</p> <ul style="list-style-type: none">Constantinos Hadjisavvas, Chair CF SEDSS II, European Defence Agency (5 min) <p>Welcome Address</p> <ul style="list-style-type: none">Savvas Angelides, Minister of Defence, Republic of Cyprus (10 min) <p>Keynote Speech</p> <ul style="list-style-type: none">Prof. Costas N. Papanicolas, President of the Cyprus Institute (15 min) <p>Pushing forward the EU’s Sustainable Defence Agenda</p> <ul style="list-style-type: none">Jorge Domecq, Chief Executive, European Defence Agency (15 min)Klaus-Dieter Borchardt, Deputy Director-General of DG ENER, European Commission (15 min)
10:00 – 10:10	Group Photo
10:10 – 10:30	Coffee Break



2. Plenary Session (BALLROOM "B & C")

<p>10:30 - 12:00</p>	<p>Setting the Scene</p> <p>Constantinos Hadjisavvas, Chair CF SEDSS II (5 min)</p> <p>I. Brief update from the European Commission: recent developments Claudia Canevari (European Commission, DG ENER) (10 min)</p> <p><i>Questions & Answers (5 min)</i></p> <p>II. From Project Ideas to Project Concepts</p> <ul style="list-style-type: none">• Key Success Factors for Successful Projects Patrice Lefeu (Ernst &Young) (15 min)• Structural Reform Support Programme: opportunities available to the EU Member States upon request Stratis Kastrissianakis (European Commission – Secretariat General Structural Reform Support Service – SRSS, Resident Economic Expert) (15 min) <p><i>Questions & Answers (10 min)</i></p> <p>III. CF SEDSS II project ideas</p> <ul style="list-style-type: none">• Military Energy Communities to combat power security risks in Critical Energy Infrastructure (cross-cutting) Dr Ioannis Glekas (on behalf of the CY MOD) (10 min)• “Defence RESilience Hub Network in Europe – RESHUB” (WG-2) Col Robert Šipec (SI MOD) (10 min) <p><i>Questions & Answers (10 min)</i></p>
<p>12:00 – 13:15</p>	<p>Lunch – Networking (BALLROOM “A”)</p>



3. Parallel Sessions - Working Groups

13:15 – 15:00	WG 1 Energy Management including Energy Efficiency (BALLROOM “B&C”) Team leader: Nektarios Alexandris (EDA)		WG 2 Renewable Energy Sources and Technologies (KANTARA “A”) Team leader: Richard Brewin (EDA)	WG 3 Protection of Critical Energy Infrastructure (KANTARA “B”) Team leader: Ioannis Chatzialexandris (EL)		
	Sub-WG1 Energy Management Moderator: - Gintaras Labutis (LT)	Sub-WG2 Energy Efficiency Moderators: - Ray Dickinson (UK) - David Martin Borreguero (ES)	Moderators: - Jim Burke (IE) - Dirk Wauman (BE)	Moderators: - Nicholas Kyriakides (CY) - Carmelo Maricchiolo (IT)		
	EASME: - Christof Marx	DG ENER: - Massimo Maraziti	DG ENER expert: - Henrik Dam	DG ENER: - Claudia Canevari		
	1. Opening remarks (10 min) - Moderators - Tour de Table - Agenda of WG 1 2. Recap of the 2nd conference in Warsaw (16/17 October 2018) WG1: Gintaras Labutis WG2: David Martin Borreguero (10 min) 3. Discussion on the remaining work and deliverables (10 min) 4. Presentation of WG1 Project Ideas - Discussion (75 min)		1. Opening remarks (15 min) - Moderators - Tour de Table - Agenda of WG 2 2. Recap of the 2nd conference in Warsaw (16/17 October 2018) (10 min) 3. Future direction of renewable energy legislation Henrik Dam (DG Energy) (10 min) 4. Roundtable discussion (10 min) 5. RES project ideas (Part I) - Update on the 5 project ideas & progress of associated project		1. Opening remarks (30 min) - Moderators - Tour de Table - Agenda of WG 3 2. Recap of the 2nd conference in Warsaw (16/17 October 2018) (20 min) 3. PCEI Inputs in the Guidance Document on the implementation of EU energy legislation in the defence sector (developed in Phase I) (35 min) 4. Roundtable discussion (20 min)	



		information sheets/descriptions		
		5.1 Defence RESilience Hub Network in Europe (RESHUB) Col Robert Šipec (SI MOD) and Aleksander Gerbec (ECUBES) (60 min)		
15:00 – 15:30	Coffee Break			
4. Parallel Sessions				
	WG 1 Energy Management including Energy Efficiency		WG 2 Renewable Energy Sources and Technologies	WG 3 Protection of Critical Energy Infrastructure
	Sub-WG1 Energy Management (AKAMAS “A”)	Sub-WG2 Energy Efficiency (AKAMAS “B”)		
15:30 – 17:30	<u>Energy Efficiency Directive (EED)</u> 5a. The new Energy Efficiency Directive (2018/2002) DG ENER (20 min) 6a. Discussion: <i>-the impact of the amended EED on the defence sector</i> (100 min)	<u>Energy Performance of Buildings Directive (EPBD)</u> 5b. The new Energy Performance of Buildings Directive (2018/844) DG ENER (20 min) 6b. Discussion: <i>-the impact of the amended EPBD on the defence sector</i> (100 min)	6. RES project ideas (Part II) 6.1 Case study – Energy and Procurement Dr Magnus Sparrevik (NO MOD) (10 min) 6.2 Energy Performance Contracting and RES Col Jim Burke (IE MOD) (50 min) 6.3 RES Feasibility Tool Richard Brewin (EDA) (60 min)	5. Elaboration and update on the current state of the five PCEI fact-sheets (information sheets) (20 min) - Brief update on the project ideas collected within the WG 3. 6.1. Parallel work in small groups per project idea (Part I); (100 min) - Allocation of representatives in teams per project and elaboration of the project ideas.
End of first day				
17:40 – 18:00	EU Member States MODs National Contact Points (NCPs) Meeting (AKAMAS “A”)			
19:30 - 22:30	Hosted Dinner by the CY Ministry of Defence (BALLROOM “A”)			



Wednesday, 27 February 2019 (Day 2)

5. Parallel Sessions

	WG 1 Energy Management including Energy Efficiency		WG 2 Renewable Energy Sources and Technologies	WG 3 Protection of Critical Energy Infrastructure
	Sub-WG1 Energy Management	Sub-WG2 Energy Efficiency		
09:00 – 11:00	<u>Energy Performance Contracting (EPC)</u> 7a. EPCs in the Public Sector Robert Pernetta (EIB), <i>video conference</i> (20 min) 8a. MS MoDs' Responses to the EPC Questionnaire Lt. Col. Nektarios Alexandris (15 min) 9a. The FR MoD Experiences on EPCs Delphine Labry (FR MoD) (20 min) 10a. The UK MoD experiences on EPCs Mark Hill (UK MoD) (20 min)	<u>Energy Auditing</u> 7b. Energy Auditing Case Studies Dr. Ioannis Glekas (Aeoliki Ltd.) (20 min) 8b. Discussion: - <i>energy auditing in defence context</i> (40 min) <u>Smart Readiness Indicator</u> 9b. The Smart Readiness Indicator Concept and Methodology DG ENER (20 min) 10b. Discussion: - <i>application of the Smart Readiness Indicator in defence building stocks</i> (40 min)	7. RES project ideas continued (Part III) 7.1 Case study - EDA research on Smart Camps Technical Demonstrator in EUTM Mali Jon Woodman (SAJO Ventures) (20 min) 7.2 ENERGY Self-Sufficient RESilient military base (ENSSURE) Mathieu Bervas and Delphine Labry (FR MOD) (50 min) 7.3 Examine utility of energy storage systems in a military context Col Jim Burke (IE MOD) (50 min)	6.2. Parallel work in small groups per project idea (Part II); (40 min) During this session EDA will provide coaching per project idea: - an update on the "IdentiFunding for Energy" process (Pierre Di Toro, EDA); - guidance on what needs to be improved based on best practices (Patrice Lefeu, Ernst &Young); - guidance for an EDA Ad-hoc Project Generation & Hands-on Training, Giorgos Dimitriou, EDA) 7. Presentation of the work and progress on the fact-sheets from each leader (20 min) 8. Evaluate the European Critical Infrastructures (ECI) directive and identify implications for the defence sector - Analysis and processing of the results for the two relevant PCEI online



	11a. Discussion: <i>-issue analysis and recommendations on the application of EPCs in defence context (45 min)</i>			questionnaires (45 min) 9. Presentation of the progress on the PCEI and Hybrid Threats guidance documents (15 min)
11:00 -11:30	Coffee Break			
6. Parallel Sessions				
	WG 1 Energy Management including Energy Efficiency		WG 2 Renewable Energy Sources and Technologies	WG 3 Protection of Critical Energy Infrastructure
	Sub-WG1 Energy Management	Sub-WG2 Energy Efficiency		
11:30 -12:30	<u>Energy Measurement & Verification</u> 12a. IPMVP and ISO 50015 Luis Marques Almanza (GEN Europe) (15 min) 13a. Energy Measurement & Verification Case Studies Dr. Ioannis Glekas (Aeoliki Ltd.) (15 min) 14a. Discussion: <i>-SWAT analysis on Energy M&V in defence context (30 min)</i>	<u>Energy Training</u> 11b. O & M information needs and how they align to the construction and operations stages/phases Nick Blake (BSRIA UK) (15 min) 12b. Life Cycle Cost Training & Smart Wearables Nick Blake (BSRIA UK) (15 min) 13b. Discussion: <i>-new trends on energy training and monitoring (30 min)</i>	8. RES Project ideas: final revisions to all 5 projects (60 min) During this session EDA will provide coaching per project idea: - an update on the “IdentiFunding for Energy” process (Pierre Di Toro, EDA); - guidance on what needs to be improved based on best practices (Patrice Lefeu, Ernst &Young); - guidance for an EDA Ad-hoc Project Generation & Hands-on Training, Giorgos Dimitriou, EDA)	10. Parallel work in small groups per policy document of item 9 (PCEI and Hybrid Threats guidance documents). (60 min)
1230 – 13:45	Buffet Lunch – Networking (BALLROOM “A”)			



7. Parallel Sessions

	WG 1 Energy Management including Energy Efficiency		WG 2 Renewable Energy Sources and Technologies	WG 3 Protection of Critical Energy Infrastructure
	Sub-WG1 Energy Management	Sub-WG2 Energy Efficiency		
13:45 – 15:00	15. Parallel Workshops on Further Development of Project Proposals (60 min) During this session EDA will provide coaching per project idea: - an update on the “IdentiFunding for Energy” process (Pierre Di Toro, EDA); - guidance on what needs to be improved based on best practices (Patrice Lefeu, Ernst &Young); - guidance for an EDA Ad-hoc Project Generation & Hands-on Training, Giorgos Dimitriou, EDA)		9. WG2 Agenda items for CF SEDSS II– 4th conference Responsibilities & timelines for finalisation of the required deliverables. Richard Brewin (EDA)	11. WG 3 Proposals for CF SEDSS Phase III- discussion on scope and objectives and way ahead (25 min) 12. WG 3 Deliverables - overview; - responsibilities & timelines for finalisation of the required deliverables (25 min)
	16. Summary / Closing remarks Outcomes for the plenary session		10. Summary / Closing remarks Outcomes for the plenary session	13. Summary /Closing remarks Outcomes for the plenary session
	17. AOB		11. AOB	14. AOB

15:00-15:30 **Coffee Break**

8. Closing Plenary Session (BALLROOM “B & C”)

15:30 – 16:30	Setting the Scene Constantinos Hadjisavvas, Chair CF SEDSS Presentations on defence energy-related topics: <ul style="list-style-type: none"> • WG-1 Project Proposal: Building on the NZEB Concept in the EU Defence Sector LtCol. Ilias Manolis (EL MoD) (15 min) • WG-2 Project Proposal: ENergy Self-Sufficient RESilient military base (ENSSURE) Delphine Labry and Mathieu Bervas (FR MOD) (20 min)
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	<ul style="list-style-type: none">• WG-3 Project Proposals: a brief overview of all five project ideas related to the protection of critical energy infrastructures Nicholas Kyriakides (CY) (10 min)• Update on EDA's Energy and Environment Working Group research project "Total Energy and Environment Military Capability Assessment Framework Project" (RAND) Dr Jon Freeman (Research Group Director – Innovation, Health & Science, RAND Europe) (15 min)
16:30 – 16:40	Break
16:40 – 17:15	Working Group Session: outcome/way ahead presentation <ul style="list-style-type: none">• WG 1 Team Leader/Moderator (5 min)• WG 2 Team Leader/Moderator (5 min)• WG 3 Team Leader/Moderator (5 min) Chair CF SEDSS II, Constantinos Hadjisavvas (10 min) <ul style="list-style-type: none">• State of Play & Way Ahead• Administrative Information• Next Conference (Bucharest, 12/13 June 2019) Closing Address <ul style="list-style-type: none">• Denis Roger, Director Research, Technology & Innovation, European Defence Agency (10 min)
END OF CONFERENCE	
17:20 – 17:30	EU MODs National Contact Points (NCPs) Meeting -(BALLROOM "B & C")
19:00 – 22:00	Buffet dinner Restaurant "FONTANA"