

Agenda: 2nd Workshop on Alternative Fuels and Power Solutions for Shipping

Hybrid Event, 28 November 2023 to 29 November 2023, EMSA Conference Centre

MODULE 1: Alternative fuels

Tuesday, 28 November 2023

Time (Lisbon time)	Agenda Item	Speakers/
09:00 – 09 :15	Registration	
09:15 – 09:30	Welcome	Maja Markovčić Kostelac EMSA Executive Director
09:30 – 09:40	Update on Policy initiatives driving the uptake of alternative power solutions for shipping at global level	Mr. Ji Man Seo IMO
09:40 – 09:50	Update on Policy initiatives driving the uptake of alternative power solutions for shipping in the EU	Ricardo Batista EC - DGMOVE
09:50 – 10:10	EC financial programs (10 minutes presentation + 10 minutes questions)	Richard Ferrer CINEA Head of Alternative Fuel Sector CEF Transport
10:10 – 10:20	Update on the EMSA's work of Alternative Fuels, AF studies FWC	EMSA
10:20 – 10:50	Hydrogen study: overview of production pathways, availability & scalability	EMSA
10:50 – 11:00	Q&A / Discussion	Open for questions
11:00 – 11:30	Coffee Break	
11:30 – 11:40	Fuel Supplier/Hydrogen producer perspective	Diogo Almeida GALP

		<i>H2, HVO & e-fuels - Head of Business Development</i>
11:40 – 11:50	Port perspective	Tim Verhoeven <i>Port of Antwerp</i>
11:50 – 12:00	Q&A / Discussion	<i>Open for questions</i>
12:00 – 12:25	Hydrogen study: overview of sustainability, suitability, regulatory gaps & certification	<i>EMSA</i>
12:25 – 12:35	Q&A / Discussion	<i>Open for questions</i>
12:35 – 12:50	Engine Manufacturer perspective: availability & TRL	Fernando Marcos <i>MAN Energy Solutions España & Portugal</i>
12:50 – 13:00	Q&A / Discussion	<i>Open for questions</i>
13:00 – 14:00	Lunch Break	
14:00 – 14:20	Hydrogen study: cost analysis	<i>EMSA</i>
14:20 – 14:30	Q&A / Discussion	<i>Open for questions</i>
14:30 – 15:00	Hydrogen study: overview of HAZID scenarios and recommendations	<i>EMSA</i>
15:00 – 15:10	Q&A / Discussion	<i>Open for questions</i>
15:10 – 15:30	Coffee Break	
15:30 – 15:50	Ship owner perspective	Ivan Østvik <i>NORLED</i> <i>Project Manager Hydrogen</i>
15:50 – 16:00	Q&A / Discussion	<i>Open for questions</i>
16:00 – 16:30	Hydrogen study: final recommendations and conclusions	<i>EMSA</i>
16:30 – 16:40	Q&A / Discussion	<i>Open for questions</i>

16:40 – 17:00	1st day wrap-up	Manuela Tomassini EMSA Head of Department 1 Sustainability and Technical Assistance
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MODULE 2: Alternative power solutions for ships

Wednesday, 29 November 2023, morning

Time (Lisbon Time)	Agenda Item	Speakers
08:45 – 08:55	Registration	
08:55 – 09:00	Welcome	Manuela Tomassini EMSA Head of Department 1 - Sustainability and Technical Assistance
09:00 – 09:20	Wind assisted propulsion introduction: different systems	EMSA
09:20 – 09:40	Wind assisted propulsion study: overview of sustainability, suitability, regulatory gaps & certification	EMSA
09:40 – 10:00	Q&A / Discussion	Open for questions
10:00 – 10:20	Wind assisted propulsion cost analysis	EMSA Contractor
10:20 – 10:40	Wind equipment manufacturer perspective	Rens Groot Econowind B.V. General Manager Sales & Service
10:40 – 11:00	Q&A / Discussion	Open for questions
11:00 – 11:30	Coffee Break	
11:30 – 11:50	Wind assisted propulsion study: overview of HAZID scenarios	EMSA
11:50 – 12:10	Ship Owner perspective	Victor Gibon JIFMAR OFFSHORE SERVICES Special Project Manager

12:10 – 12:25	Q&A / Discussion	<i>Open for questions</i>
12:25 – 12:45	Wind assisted propulsion study: recommendations and conclusions	<i>EMSA</i>
12:45 – 13:00	Wrap-up and module 2 conclusions / Next studies	<i>Manuela Tomassini</i> <i>EMSA</i> <i>Head of Department 1 - Sustainability and Technical Assistance</i>
13:00 – 14:00	Lunch Break	

MODULE 3: Safety for Sustainability

Wednesday, 29 November 2023, afternoon

Time (UTC)	Agenda Item	Speakers/Comments
14:00 – 14:10	Welcome and Objectives of the Workshop	Leendert Bal <i>Head of Department 2 - Safety, Security and Surveillance</i> EMSA
14:10 -14:30	Presentation of EMSA Guidance on BESS	EMSA
14:30 - 14:50	Q&A on EMSA Guidance on BESS	<i>Open for questions</i>
14:50 - 15:10	Battery Fire Safety Ventilation	Vasudev Ramachandra <i>Safety Research Engineer</i> RISE Research Institutes of Sweden
15:10 - 15:25	Coffee Break	
15:25 - 15:55	EMSA Study on Ammonia as fuel – Planning and Considerations	EMSA
15:55 - 16:20	ENGIMMONIA – EU Funded Project	Martina Vagnoni <i>Innovation for Energy Efficiency Project Manager</i> RINA Consulting S.p.A
16:20 – 16:45	AMMONIA 2-4 – EU Funded Project <i>“Health and safety framework towards unified safety standards”</i>	Eivind Finne Riley <i>Senior Engineer</i> DNV AS
16:45 - 17:00	EMSA Study Biofuels bunkering – Planning and Considerations	EMSA
17:00 - 17.15	Wrap-up and next steps	Santiago Encabo EMSA <i>Acting Head of Unit Safety and Security</i>