



The role of Low Carbon Fuels in Decarbonising Maritime Transport

19-21 September 2022 –
Athens/Greece, Onsite, Online



EU-SHIPPING-BCE Programme

(status of 06 September 2022)

Monday 19 September 2022

Eugenides Foundation

09.00 – 10.00 **Opening Session**

Welcome by Chairs, **Kyriakos Maniatis** & **Stamatis Kalligeros**

Keynote Speech:

Mr Adonis Georgiadis, Minister of Development and Investment

Representative of the Ministry of Maritime Affairs & Insular Policy, *tbc*

Welcome by:

- **Mr Leonidas Dimitriadis Eugenides**, President of the Eugenides Foundation
- **Mr Vassilis Korkidis**, President Piraeus Chamber of Commerce and Industry
- **Mr Lampros Pyrgiotis**, General Director Centre of Renewable Energy Sources
- **Mr Nikos Liapis**, Hellenic Institute of Marine Technology
- **Mr Ioannis Theotokas**, University of Piraeus
- **Hellenic Naval Academy**

10.00 - 11.15 **Decarbonisation Policies**

ONLINE: Mr Paolo Frankl, IEA

ONLINE: Ms Fotini Ioannidou, Head of Unit, European Commission, DG MOVE,
"The EU framework and actions at IMO to promote the use of low carbon fuels"

Mr John Cooper, Fuels Europe, *"Maritime and inland navigation renewable fuels:
Choosing options for sectors, making pathways for investment and supply"*



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Mr John Kokarakis, Bureau Veritas Marine & Offshore Division, "*Regulatory insights on ammonia as a marine fuel*"

Mr Antonis Trakakis, RINA Hellas

Ms Katerina Peppas, Director General, The Union of Greek Shipowners, *tbc*

11.15 - 11.30

Q&A

11.30-12.00

Coffee Break and Networking

12.00- 13.00

Panel Discussion: Which appropriate policy tools exist to increase effectiveness of the current decarbonisation strategies?

Moderator:

Eric van den Heuvel, studio Gear-Up

Panellists:

- **Mr John Cooper**, Fuels Europe
- **Mr Nikos Liapis**, Hellenic Institute of Marine Technology
- **Mr Leonidas Dimitriadis Eugenides**, President of the Eugenides Foundation
- **Mr Vassilis Korkidis**, President Piraeus Chamber of Commerce and Industry
- **Mr John Kokarakis**, Bureau Veritas Marine & Offshore Division

13.00-14.00

Lunch Break and Networking

14.00-14.15

Keynote speech: Jorgo Chatzimarkakis, Hydrogen Europe

14.15-15.30

Low Carbon Fuels and resources

Ms Stella Bezergianni, CERTH

"Low carbon fuels for maritime transport"

Mr Eric van den Heuvel, studio Gear-Up

"What volumes of renewable fuels to expect from the implementation of the Fuel EU Maritime Regulation"



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Mr Angel Alberdi, EWABA

"The contribution of waste-based and advanced biodiesel to the decarbonization of maritime transport"

SPONSOR: Mr Epaminondas Mastorakos, University of Cambridge,
'Systems analysis of low-carbon marine propulsion'

Mr Lefteris Sdoukopoulos, CERTH

"New sustainable fuel deployment scenarios for the European waterborne community: the NEEDS project approach"

15.30-17.00

Low Carbon Fuels and resources (continues)

Mr Paolo Corvo, BF Partners

"Case study on two EU advanced biofuels projects: can the maritime sector be an attractive outlet?"

SPONSOR: Mr Alexis Litinas, ELIN VERD

"Waste-based biodiesel: A viable and prompt solution for decarbonizing maritime transport"

Mr Yvon Bernard, AXENS

"Solutions for the Decarbonization of the Maritime Transport"

ONLINE: Mr Panos Kouris, VERTORO

"Cost-competitive and RED II-IXA-compliant marine fuel solutions from lignocellulosic biomass"

Mr Stelios Bikos, Energy Competence Centre

ONLINE: Ms Nagamani T, Bureau of Indian Standards

"Standardization of marine fuels in India"

17.00-17.10

Q&A

17.10-17.30

Coffee Break. and Networking



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17.30-18.30

Panel Discussion: “How should stakeholders work together, to build the supply and value chains, from primary resources, through to engine room?”

Moderator:

Mr John Cooper, Fuels Europe

Panellists:

- **Ms Stella Bezergianni**, CERTH
- **Mr Epaminondas Mastorakos**, University of Cambridge & CARES, Singapore,
- **Mr Alexis Litinas**, ELIN VERD
- **Mr Jorgo Chatzimarkakis**, Hydrogen Europe
- **Mr Yvon Bernard**, AXENS
- **Mr Paolo Corvo**, BF Partners

18.30-18.35 **Summary of day one by the Chairs**



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Tuesday 20 September 2022

09.00-10.00 Research policies and demonstration projects

Ms Maria Georgiadou, European Commission, DG RTD
"The EU perspective and R&I policy for renewable fuels"

Mr Matteo Prussi, Politecnico di Torino
"LCA methodologies for alternative marine fuels: fossil and biocrude blends, a case study"

Mr Patrick, Crehan , CKA SRL,
"Impact dimensions of the overall transition plan"

SPONSOR: Mr Leonidas Ntziachristos, EMISIA
"The SCIPPER Project"

10.00-11.00 Research policies and demonstration projects (continues)

ONLINE: Ms. Nicole Wermuth
"HyMethShip – A methanol-hydrogen propulsion concept for sustainable shipping"

Mr Patrick Reumerman, BTG,
"Pyrolysis oil Production and Upgrading to Renewable Marine Fuels – A Case Study developed in the framework of the MUSIC project"

Mrs Myrsini Christou, CRES,
"BioLNG potential in Greece – current situation and future trends"

Mr Mikal Dahle, Kolumbus,
"The TrAM project and the successful delivery of the world's first fully electric fast ferry"

11.00-11.10 Q&A



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11.10-11.40 **Coffee Break and Networking**

11.40-12.40 **Panel Discussion: The necessity for increased research funding**

Moderator:

Nikos Liapis, ELIN

Panellists:

- **Ms Maria Georgiadou**, European Commission
- **Mr Leonidas Ntziachristos**, EMISIA
- **Mr Mikal Dahle**, Kolumbus
- **Mr Patrick Reumerman**, BTG
- **Mr Matteo Prussi**, Politecnico di Torino

12.40-13.30 **Lunch Break and Networking**

13.30-14.30 **The oil Majors and their maritime decarbonization strategies**

SPONSOR: Mrs. Maria – Christina Limberaki, Motor Oil Hellas

Ms Liana Gouti, Hellenic Petroleum Holdings

"Transition of Fuels' Sector and the Key Role of Renewable Liquid Fuels Towards Carbon Neutrality"

Mr Nikos Liapis, ELIN

"New energy products for shipping: Is supply feasible and secured?"

Mr Antonis Kokossis, NTUA/EKO

"On the use of hydrothermal liquefaction to produce sustainable biofuels for the shipping industry – a new pilot and collaborative scheme between the refinery industry and NTUA"

14.30-14.40 **Q&A**

14.40-15.00 **Coffee Break and Networking**



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15.00-16.00

First Movers

Mr Charles Haskell, Lloyd's Register

Mr George Papaioannides and **Joseph Lefakis**, Saronic Ferries
"Designing the first emissions-free vessel for the Saronic Islands"

Ms Charis Plakantonaki, Star Bulk Carriers *tbc*

16.00-16.10

Q&A

16.10-17.10

Panel Discussion: Will the oil Majors lead the way or the First Movers?

Moderator:

Mr Charles Haskell, **Lloyd's Register**

Panellists:

- **Mrs. Maria – Christina Limberaki**, Motor Oil Hellas
- **Ms Liana Gouti**, Hellenic Petroleum Holdings
- **Ms Charis Plakantonaki**, Star Bulk Carriers *tbc*

17.10-18.10

Round Table: Hellenic Institute of Marine Technology, "Developing Greek marine technology research: barriers and opportunities"

Moderator:

Mr Kostas Spyrou, National Technical University Athens

18.10-18.15

Summary of day two by the Chairs



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Wednesday 21 September 2022

09.00-10.00

The role of harbours

ONLINE: **Mr Argyriou Ioannis**, Technical University of Crete
"Near Zero Energy Ports (nZEP)"

Mr Nektarios Demenopoulos, Port Authority of Piraeus

ONLINE: **Mr Michaël PARRA**, Le Port de Marseille,
"Energy Transition projects Le Port de Marseille"

ONLINE: **Ms Ankie Janssen**, Rotterdam

Ms Despina Gikaki, Port Authority of Rafina, *tbc*

10.00-11.00

Panel Discussion:
Energy Transition and the indispensable role of sustainable harbours

11.00-12.00

Closing Panel Discussion:
Are we on the right track for decarbonizing maritime Transport?

13.30-13.45

Closing remarks by the Chairs