

Embargoed until 26 October 2021, 8am BST



Shaping the Future of Shipping

Saturday 6th November 2021

University of Strathclyde's Technology and Innovation Centre, Glasgow

Shaping the Future of Shipping

Friday 5th November 2021

City of Glasgow College

Welcome Reception

17:00 Arrival and Registration

17:15-17:45 **Partner Presentations**, Introduced by **Guy Platten**, *Secretary General, International Chamber of Shipping, United Kingdom*

BIMCO – Film

Bo Cerup-Simonsen, *CEO, Maersk McKinney Møller Center for Zero Carbon Emissions, Denmark*

Colin McNaught, *Director Strategic Growth & Development, Global Energy Infrastructure and Utilities, Ricardo Energy & Environment* and **Alexander Devlin**, *Consultant, Technology Strategy, Ricardo Strategic Consulting, United Kingdom*

17:45-19:00 Reception

18:00-18:05 Welcome from **Esben Poulsen**, *Chairman, International Chamber of Shipping, United Kingdom*

18:05-18:10 Address from **Vincent Van Quickenborne**, *Deputy Prime Minister and Minister of Justice and the North Sea, Belgium*

18:10-18:15 Welcome from **Paul Little**, *Principal and Chief Executive, City of Glasgow College, United Kingdom*

18:00-19:00 Drinks and Canapés

Sponsored by Eagle Bulk



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09:00–10:00 Registration and Networking

10:00–10:10 Opening and Welcome Statements

Rt. Hon. Nusrat Ghani, *MP, United Kingdom, Conference Moderator*

10:10-10:30 Opening Keynotes

Patricia Espinosa, *Executive Secretary, UNFCCC (Digital address)*

Juan Carlos Jobet, *Minister of Energy and Mines, Chile*

Esben Poulsson, *Executive Chairman, Enesel PTE, and Chair, International Chamber of Shipping, United Kingdom*

10:30-11:15 Shipping's 4th Propulsion Revolution – The Commitment and the Challenge

Over the past 100 years of shipping, we have seen vessels powered by sail, vessels powered by coal and vessels powered by oil and gas. Now, in response to the climate crisis, industry has committed to decarbonise by using more efficient technologies, using lower emission fuels and, ultimately, moving to new zero-carbon fuel sources created from renewable energy. Increasing the speed and scale of the transition will be vital, and this session will look at what is already being done to bring into service zero and lower carbon ships and what is needed to increase the pace of this deployment:

- What can be done today to deploy zero and lower carbon ships?
- What technologies will be available in the coming years to provide the step change needed?
- What is needed to scale up the transition to zero-emission ships?
- What is needed from policy makers to accelerate decarbonisation?
- What are the biggest roadblocks that need to be overcome?

Christine Cabau Woehrel, *CEO CMA Ships and Head of Fleets and Assets, CMA CGM, France*

Vassilios Demetriades, *Shipping Deputy Minister, Republic of Cyprus*

Rolf Habben Jansen, *CEO Hapag-Lloyd, Germany*

Knut Ørbeck-Nilssen, *CEO, DNV, Norway*

Vandita Pant, *Chief Commercial Officer, BHP, Singapore*

Svein Steimler, *President and CEO, NYK Group Ltd, Europe, Japan*

11:15-11:45 Networking Break, sponsored by EuroNav

11:45-12:30 Shaping the Policy, Technology, and Frameworks for Shipping's Future

Shipping has an advantage over many sectors in that it has a global regulator. In addition to the vital role of the International Maritime Organization, there are



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many additional levers that can be applied to accelerate and scale the decarbonise of the maritime sector. This session will identify the policies, technologies and frameworks that will be required to increase the speed and scale of transition. We will consider the actions needed to reduce political and investment risk to catalyse a rapid transformation to a zero-carbon future for shipping:

- What can industry do to prepare and move towards a zero-carbon future?
- What can governments do to catalyse the transition to a zero-emissions future?
- What market signals are required to deliver an equitable transition and how to you manage the trade-offs inherent in transformation?
- How best to encourage and develop a climate of innovation?

Lord Adair Turner, *Chair, Energy Transitions Commission, United Kingdom*
– Moderator

Juan Carlos Jobet, *Minister of Energy and Mines, Chile*

Nancy W. Karigithu, *Principal Secretary, State Department of Shipping and Maritime, Kenya*

Ioannis Plakiotakis, *Minister of Maritime Affairs and Insular Policy, Greece*

Nicholas Brown, *CEO, Lloyds Register, United Kingdom*

Bud Darr, *EVP Maritime Policy and Government Affairs, MSC Group*

12:30-13:30 Lunch and Networking Break

13:30-14:15 Shaping the Infrastructure Required to Deliver an Equitable Transition

Shipping currently uses approximately 4% of the world's liquid fuels to transport 90% of the world's goods. This includes transporting most of the fuels needed to power the world's transport system, industry and to provide heat. Shipping is therefore intrinsically linked to global energy transformation but is too often forgotten when it comes to planning the massive infrastructure investments that will be required to decarbonise the global fossil fuels market. Shipping also needs to be assured that fuels will be available across the world and not just on certain routes in developed economies. To ensure that the energy transition is equitable for all, this session will look at the transformation in thinking required to ensure that infrastructure does not block the transition to a zero-carbon future.

- How can shipping ensure security of supply in a high-demand market for zero-carbon fuels?
- What impact will competition with other sectors have on the price and availability of future fuels?
- How do we ensure that there is sufficient investment in infrastructure, in all regions of the world, to ensure that shipping can decarbonise in line with the Paris goals?
- What is needed to ensure that all countries can benefit from the transition to a zero-emissions future?



Joan MacNaughton, *Chair Climate Group, United Kingdom – Moderator*

Lasse Kristoffersen, *CEO Torvald Klaveness, Norway*

Francesco LaCamera, *Director General, IRENA, UAE*

Erika Mouynes, *Minister of Foreign Relations, Panama*

Jeremy Nixon, *CEO, ONE Group, Singapore*

James P. Scriven, *CEO, IDB Invest, United States of America*

Christopher J. Wiernicki, *Chairman, President & CEO, American Bureau of Shipping, United States of America*

14:15-14:45 **Networking Break sponsored by Ardmore**

14:45-15:30 **Shaping the Financing Outlook Required to Catalyse Shipping's Future**

In the context of high political risk and investment uncertainty, what is needed to build a sustainable business model for a decarbonised shipping sector? According to the International Energy Agency, the total amount of Corporate R&D investment for maritime decreased from 2.7 billion USD in 2017 to 1.6 billion USD in 2019 prior to the pandemic. This session will look at what is needed to reverse this trend and ensure that sufficient finance is available to ensure the deployment of the needed infrastructure and ships at the scale needed to meet the Paris goals. We will also look at the opportunities for the shipping industry with will be required to transport the new fuels required for the global energy transition:

- What can be done to de-risk the decarbonisation of shipping and ensure an investment pipeline for infrastructure and shipping is available at the scale required?
- How can we ensure that finance is available at rates that will catalyse investment in zero-emission technologies?
- How do we ensure that all have access to finance so that we do not create a two-tier market?
- How to avoid stranded assets?

Daniel Klier, *CEO Arabesque S-Ray, President Arabesque Group, United Kingdom – Moderator*

Lord John Browne of Madingley, *Chairman, BeyondNetZero and Chairman Windward, United Kingdom*

Hugo de Stoop, *CEO, EuroNav, Belgium*

Matthieu de Tugny, *President Marine & Offshore, Bureau Veritas*

William Fairclough, *Managing Director, Wah Kwong Maritime Transport Holdings, Hong Kong SAR, China*

Javier Manzanares, *Deputy Executive Director, Green Climate Fund, Republic of Korea*



15:45-16:15 Ensuring a Just Transition for Shipping's Future

In the discussion of technology, policy, infrastructure and investment we must not forget that none of this will happen if we do not have the people with the skills needed to handle these new more volatile fuels. We also need to ensure that any transition in shipping does not disenfranchise developing economies. With the right approach this transition can be a benefit for all economies and will advance a sustainable economy for all. This discussion will look at the positive examples of what works and identify what needs to be done so that the transition to a zero-carbon future can happen at the speed and scale required to meet the Paris goals:

- What needs to be done to ensure that people on land and on sea have the skills they need at the pace required to enable the zero-carbon future?
- How do we ensure that all communities benefit from the transition to a zero-carbon future?
- What can shipowners, unions, governments, and industry do to accelerate the training and skilling agenda to ensure that shipping can deliver a decarbonised sector?

Sturla Henriksen, *Special Advisor, Ocean, UN Global Compact – Moderator*

Stephen Cotton, *General Secretary, ITF, United Kingdom*

Guy Platten, *Secretary General, ICS, United Kingdom*

16:15-16:30 Closing Ceremony, including an address by:

Kitack Lim, *Secretary-General, International Maritime Organization*

Esbén Poulsen, *Chair, International Chamber of Shipping, United Kingdom*

16:30-17:30 Networking Reception sponsored by Baltic Exchange
