

AGENDA

Decarbonising Maritime Transport

EXPERT WORKSHOP

26 - 27 November 2018

Room D – Château de La Muette
2 rue André Pascal, Paris 75016

■ INTERNATIONAL TRANSPORT FORUM

The [International Transport Forum](#) (ITF) at the OECD is an intergovernmental organisation with 59 member countries. It acts as a think tank for transport policy that covers all modes of transport. The ITF's mission is to foster a deeper understanding of the role of transport in economic growth, environmental sustainability and social inclusion and to raise the public profile of transport policy. The ITF acts as a platform for discussion of transport policy issues. It analyses trends, shares knowledge and promotes exchange among transport decision-makers and civil society.

■ DECARBONISING TRANSPORT INITIATIVE

The **ITF Decarbonising Transport (DT) initiative** responds to the need of transport actors to identify effective policies for carbon dioxide (CO₂) reduction and evaluate the impact of Nationally Determined Contributions (NDCs) and other measures on CO₂ emissions. The DT initiative offers decision makers the tools for selecting the CO₂ reduction measures that deliver on their strategic objectives. The goal of the DT initiative is described in three main objectives:

1. Engage with countries and partners to gather evidence and best practice for decarbonising transport
2. Help countries design best transport and climate policies by disseminating knowledge and quantitative evidence
3. Provide help whenever requested by countries or partners

■ DECARBONISING MARITIME TRANSPORT

Maritime transport currently represents around 2½% of total global greenhouse gas emissions. These emissions from shipping could more than double by 2050 without additional policy measures. The International Maritime Organization (IMO) formulated an Initial Greenhouse Gas Strategy in April 2018 which contains a vision to reach full decarbonisation as soon as possible in this century, as well as targets and candidate measures to achieve this goal. As part of its Decarbonising Transport initiative, the ITF has recently released a number of publications that could be helpful in realizing that ambition:

- [Decarbonising Maritime Transport: pathways for zero-carbon shipping by 2035](#)
- [Decarbonising Maritime Transport: The case of Sweden](#)
- [Reducing Shipping Greenhouse Gas Emissions; Lessons from Port-Based Incentives](#)

This work, together with the conclusions of a survey and workshop on maritime transport will serve as input to the ITF's Decarbonising Transport initiative, as well as to the global discussion on decarbonising maritime transport at the 24th session of the Conference of the Parties (COP 24) to the United Nations Framework Convention on Climate Change (UNFCCC) and beyond.

■ OBJECTIVES OF THE FORTHCOMING WORKSHOP

Full decarbonisation of shipping is possible but cannot be reached without a transition towards alternative fuels, as indicated by the 2018 ITF publication: "Decarbonising Maritime Transport: pathways for zero-carbon shipping by 2035". IMO Member countries and the shipping community will in the coming period need to focus efforts to select the appropriate candidate measures. This workshop aims to increase the knowledge base on alternative fuels in maritime transport, and as such facilitate discussions and possible decision-making process on the adoption of alternative fuels and low-carbon fuel standards as a possible way to reach this.

This workshop will gather policy makers, IGOs, such as the International Maritime Organization (IMO), ship owners, shippers, port authorities, NGOs, researchers, and other key stakeholders to interact, share knowledge on best practice and identify next steps. The outputs will contribute to the global discussion on feasible short-term measures for the mitigation of GHG emissions from ships. For that reason, the workshop is specifically focused on alternative fuels in maritime transport, widely considered to be important, but still fairly unexplored in terms of relevant policies and measures. Within this context, the workshop discussions shall cover

- Perspective for alternative fuels in maritime transport
- Low carbon fuel standards: lessons from the road transport sector
- Possibilities for low carbon fuel standards in maritime transport

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Day 1: Decarbonising maritime transport and alternative fuels

November 26, 9:30 – 17:00

09:30 – 11:00 **Decarbonising maritime transport: where do we stand?**
Moderator: Wei-Shiuen Ng (International Transport Forum)
Olaf Merk (International Transport Forum)
Edmund Hughes (International Maritime Organisation)
Q&A, policy discussion
Presentation of relevant ITF work and results of ITF survey
Presentation of progress on IMO's Initial GHG Strategy

11:00 – 11:20 **Coffee break**

11:20 – 12:30 **Perspectives for alternative fuels in maritime transport**
Moderator: Pierpaolo Cazzola (International Energy Agency)
Katharine Palmer (Lloyd's Register)
Claus Felby (University of Copenhagen)
Q&A, policy discussion
Main questions:

- Importance of alternative fuels for full decarbonisation
- State of technology, link with ship design
- Possible time-scale for uptake

12:30 – 14:00 **Lunch break**

14:00 – 15:20 **Pre-conditions for uptake of alternative fuels?**
Moderator: Harilaos Psaraftis (Technical University of Denmark)
Bill Hemmings (Transport & Environment)
Eddy van Bouwel (ExxonMobil)
Q&A, policy discussion
Main questions:

- Supply of alternative fuels
- Supporting infrastructure
- Financial incentives

15:20 – 15:40 **Coffee break**

15:40 – 17:00 **Low carbon fuel standards: lessons from road transport**
Moderator: Pierpaolo Cazzola (International Energy Agency)
Sonia Yeh (Chalmers University)
Chris Malins (Cerulogy)
Q&A, policy discussion
Main questions:

- Overview of existing mechanisms
- Merits and challenges of low carbon fuel standards
- Lessons for other transport sectors

19:30 – 22:00 **Networking drinks and dinner (self-paying)**

Day 2: Possibilities for a fuel standard in maritime transport

November 27, 09:30 – 12:30

09:30 – 10:40 **Challenges and opportunities for a maritime fuel standard**
Moderator: Harilaos Psaraftis (Technical University of Denmark)
Isabel Welten (Good Fuels)
Domagoj Baresic (University College London)
Q&A, policy discussion

Main questions:

- What lessons from road transport fuel standards?
 - What is different in maritime transport?
 - Which challenges to take into account?
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10:40 – 11:00 **Coffee break**

11:00 – 12:15 **Towards a low carbon fuel standard in maritime transport?**
Moderator: Olaf Merk (International Transport Forum)
Katinka van der Jagt (European Commission, DG CLIM)
Jasper Faber (CE Delft)
Q&A, policy discussion

Main questions:

- What could it look like?
 - Learning from existing mechanisms and experience, e.g. in EU
 - Possibilities to move forward?
 - Loose ends?
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12:15 – 12:30 **Overall policy discussion** (15 minutes)

12:30 – 14:00 **Lunch break**

List of Participants

Name	Organisation
Nicolas RANKOVIC	Aramco
Nadiya NAIR	Aramco
Nicole THOMAS	Australian Delegation to the OECD
Lars Robert PEDERSEN	BIMCO
James BENNETT	Camden Marine Systems Engineering
Jasper FABER	CE Delft
Chris MALINS	Cerulogy
Sonia YEH	Chalmers University of Technology
Sanne HENRIKSEN	Danish Maritime Authority
Aoife O'LEARY	Environmental Defense Fund
Katinka VAN DER JAGT	European Commission - DG Climate Action
Henk-Erik SIERINK	European Commission, DG Climate Action
Stephen O'DRISCOLL	European Investment Bank
Sotiris BASIAKOS	European Investment Bank
Eddy VAN BOUWEL	ExxonMobil
Grit TUENGLER	Federal Ministry of Transport and digital Infrastructure, Germany
Benoit ADAM	Federal public service mobility and transport, Belgium
Nolwenn DAVID-NOZAY	French Delegation to the OECD
Isabel WELTEN	Goodfuels
John BRADSHAW	International Chamber of Shipping
Renske SCHUITMAKERS	International Energy Agency
Pierpaolo CAZZOLA	International Energy Agency
Edmund HUGHES	International Maritime Organization
Evan COADY	Irish delegation to the OECD
Katharine PALMER	Lloyd's Register
Nicolas UDREA	Ministry for Transport, Maritime Affairs Directorate, France
Edesa GEGA	Ministry of Infrastructure and Energy, Albania
Hermien BUSSCHBACH	Ministry of Infrastructure and the Environment, Netherlands
Vilja KLEMOLA	Ministry of Transport and Communications, Finland
Jordi VILA	Port Authority of Barcelona
Nick LURKIN	Royal Association of Netherlands' Shipowners
Ludovic LAFFINEUR	Royal Belgian Shipowners' Association
Nathan DeBRUYN	Royal Belgian Shipowners' Association
Arnold RONDEAU	Maritime Affairs Directorate, Ministry for Transport, France
Harilaos PSARAFTIS	Technical University of Denmark
Soritris RAPTIS	The European Sea Ports Organisation
Bill HEMMINGS	Transport & Environment
Shane HODGINS	Transport Canada
Domagoj BAREVIC	University College London
Edwin VAN HASSEL	University of Antwerp

List of Participants


Claus FELBY	University of Copenhagen
Anastasia CHRISTODOULOU	University of Gothenburg
Paolo MENEGAZZO	Venice Port Authority
Inge VIERTH	VTI - Swedish Road and Transport Research Institute
Ninan Biju OOMMEN	World Bank
Dominik ENGLERT	World Bank

ITF/OECD

Olaf MERK	ITF/OECD
Wei-Shiuen NG	ITF/OECD
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