

Clean Shipping International Policies

Implementation, enforcement and environmental consequences



27 November 2020



09.00-12.10 (CET)



Online

The webinar aims to discuss recent and upcoming IMO legislation targeting reduction of emissions of pollutants and climate impact from international shipping. CSHIPP has synthesised the findings of several European projects focusing on the implementation of policy-based and technological abatement measures for clean and sustainable shipping, their environmental benefits and trade-offs and their business potential.

At this webinar we will discuss the impacts of the selected policies, assess the technical options available for the shipping sector to comply with their targets, options of the international community to enforce the legislation in a way that ensures compliance, and the benefits of these environmental measures for air quality, water quality, and climate, including human health and well-being. Another aim is to identify major knowledge gaps and to discuss potential solutions.

Prior to the webinar, participants will receive background material for the discussions, which was developed in CSHIPP. Each of the three sessions of the webinar will include 20 min discussion of the session's topics where questions from the moderators and from the participants will be discussed. Input from the participants is important for the final synthesis report and a policy brief on clean shipping policies which will be prepared by CSHIPP.

The webinar is free of charge, however, registration is needed to obtain the webinar link and the participant's code. Deadline for registration is 26 November 13.00 CET, click [HERE](#) for registration page.

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09.00-09.10	<ol style="list-style-type: none"> 1. Introduction & practical instructions 2. Presentation of Clean Shipping Project Platform & some of the ongoing projects - Riitta Pöntynen, University of Turku, Finland
09.10-10.00	<p>Session 1. Fuel sulphur limit of 0.1% in SECAs (introduced in 2015) & global fuel sulphur limit of 0.5% (introduced in 2020)</p> <ol style="list-style-type: none"> 1. Legal aspects and enforcement – Johan Mellqvist, Chalmers University of Technology, Sweden 2. Air quality benefits and their impacts on human health and land ecosystems – Jan Eiof Jonson, Met Norway; Sari Repka, University of Turku, Finland 3. Effects of use of scrubbers on marine pollution - Erik Ytreberg, Chalmers University of Technology, Sweden 4. Discussion
10.00-10.10	Break
10.10-11.00	<p>Session 2. Introduction of NECA (2016 in N. America, 2021 in North and Baltic Seas)</p> <ol style="list-style-type: none"> 1. Legal aspects, technology, enforcement involving abatement measures – Erik Fridell, IVL, Swedish Environmental Research Institute, Sweden 2. Air quality benefits and their impacts on human health, land ecosystems and eutrophication of the Baltic Sea – Michael Gauss, Met Norway; Jana Moldanová, IVL, Swedish Environmental Research Institute; Volker Matthias, Helmholtz Zentrum Geesthacht, Germany. 3. Discussion
11.00-11.10	Break
11.10-12.00	<p>Session 3. Climate measures in shipping (Energy efficiency design index and Initial IMO Strategy on reduction of GHG emissions from ships by 2050)</p> <ol style="list-style-type: none"> 1. Policies and legal aspects – t.b.c. 2. Climate impacts of shipping – Mattia Righi, DLR, Germany 3. Abatement options and their potential secondary impacts, e.g. on air quality – Jukka-Pekka Jalkanen, Finnish Meteorological Institute 4. Discussion
12.00-12.10	Closing remarks

Moderators: Jana Moldanová, Volker Matthias, Emilia Tuominen

Information & registration: <https://cshipp.eu/cshipp-webinar-on-international-clean-shipping-policies>