



**SCIPPER Stakeholder Workshop (hybrid)**  
**Technical Capabilities and Policy Recommendations**  
**on Shipping Emissions Monitoring**

**18 October 2022, 09.00-12.00 CEST (10.00-13.00 Local time)**

Venue: Online & Physical (Porto Carras Grand Resort, Chalkidiki, Greece)

The workshop intends to discuss with stakeholders and parties of the overall shipping sector on technical and regulatory aspects related to shipping emissions monitoring as well as the impacts on air quality. The main purpose is to discuss how monitoring and legislations should be designed in order to ensure that the impact of ship emissions on air quality is minimized.

Initial findings of the experimental work conducted within SCIPPER will be presented, mainly regarding the technical possibilities of measuring NO<sub>x</sub> emissions on-board. With this workshop, SCIPPER aims to further consult with stakeholders on how limits for NO<sub>x</sub> emissions can be effectively established and which are the most feasible ways of ensuring the operation of ships within them, including the application and operation of sensors. The potential of checking the emissions from ships remotely will be also examined. Emission reduction technologies and air-quality impacts will be covered.

**Agenda** (in Central European Summer Time)

**09:00 – 09:10** Registration

**09:10 – 09:35** Introduction and purpose of the meeting - Erik Fridell, IVL

**Overview of SCIPPER activities** - Prof. Leonidas Ntziachristos, Aristotle University Thessaloniki, Coordinator of SCIPPER project

**09:35 – 11:15** Impacts of different abatement technologies on air quality - Volker Matthias, HEREON

**Cost effective monitoring methods** - Ruud Verbeek, TNO

**Quality assurance and reporting harmonisation for remote techniques** - Prof. Johan Mellqvist, Chalmers University of Technology

**Recommendations from SCIPPER aimed at improving both monitoring and regulations for enforcement** - Erik Fridell, IVL

**11:15 – 12:00** Round table

For virtual participation register [here](#)

For in-person participation register [here](#)

About [SCIPPER](#): SCIPPER is a European H2020 research projects. It aims at deploying state-of-art measurement techniques to monitor emissions of vessels under their normal operation.

