



## Press Release

### Abatement of the emissions and discharges of shipping

18 March 2021

The first Stakeholder Workshop of the EMERGE project entitled 'Abatement of the emissions and discharges of shipping' was held online on the 11<sup>th</sup> of March 2021 between 09.00-11.00 (CET). The event proved very popular and attracted about 140 attendees from around the world.

The scope of the workshop was to disseminate the activities of the project and to collect input from key stakeholders in the maritime sector, and especially from the shipping industry i.e. ship-owners/ operators, technical directors, policy makers, maritime associations and classification societies. During the workshop a questionnaire was distributed to enable the project team to validate the results secured from desktop research.

A representative of the shipping industry, Valerie Chatterley, consultant at Carnival Corp & plc. delivered a presentation titled 'Exhaust Gas Cleaning Systems an Environmental and Operational Experience from an Operator's Perspective'. Ms. Chatterley shared her experience and mentioned that Carnival Corporation has taken a multi-solution approach in support of the implementation of Global ECA regulation, including Exhaust Gas Cleaning Systems (EGCS, scrubbers), Liquefied Natural Gas (LNG), shore power and use of compliant fuel. Within the 15 years of the company's experience of using those systems results shown a significant reduction on air emissions.

Dr. Liudmila Osipova, researcher at The International Council on Clean Transportation presented on 'Global scrubber washwater discharges under IMO's 2020 fuel sulphur limit' and shared her views. She mentioned that the top 5 countries globally by washwater discharge in Mt are US, UK Italy, Greece and Japan. As a conclusion Dr. Osipova addressed some policy recommendations. At regional level, the scrubber discharges need to be controlled within national waters, on-land facilities to properly dispose the sludge and also scrubber washwater to be controlled in PSSAs and near-shore waters.

Prof. Jaakko Kukkonen from the Finnish Meteorological Institute, and coordinator of the EMERGE, provided an overview of the project, the achievements to date and perspectives for the future. In addition, Ass. Prof. Erik Ytreberg at the Chalmers University of Technology (project partner) delivered a presentation on the potential impacts of scrubber discharges on the marine environments.

---

This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No. 874990



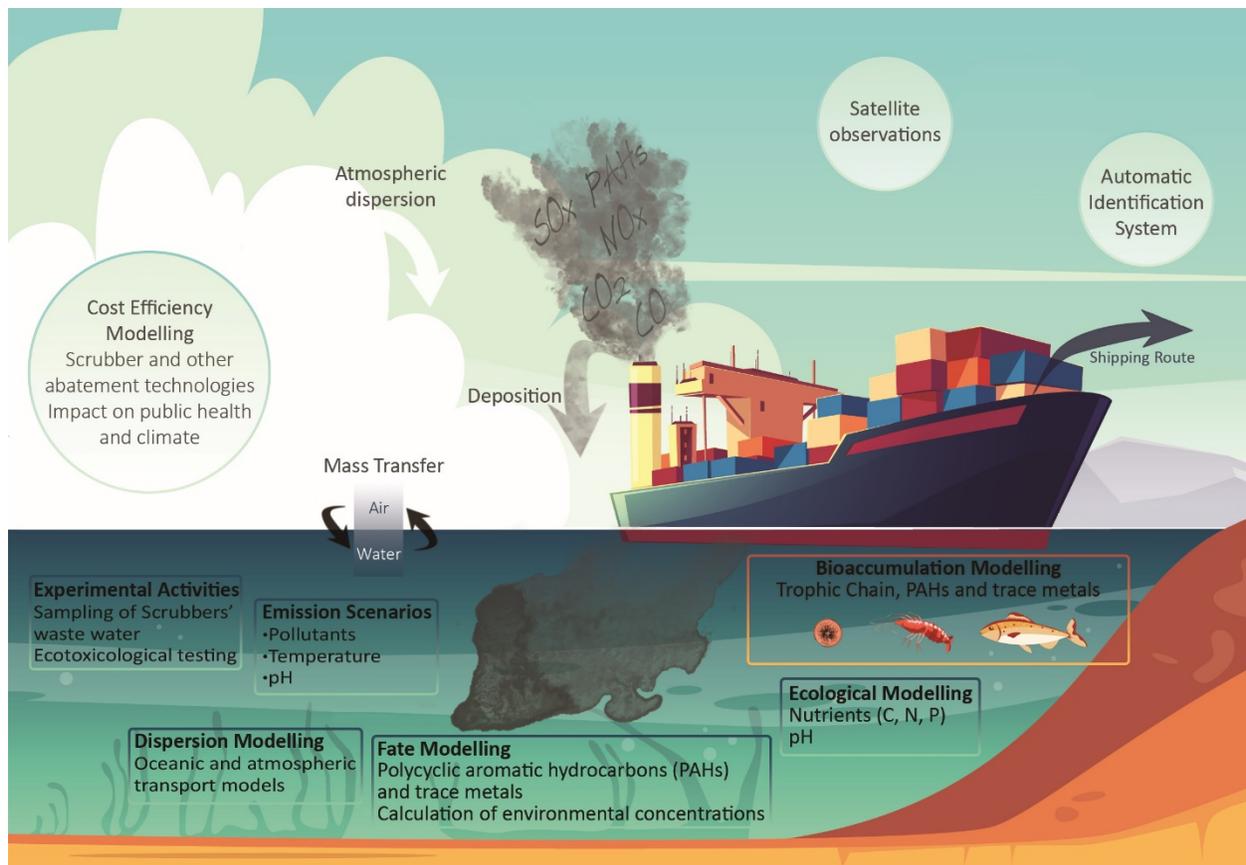


The workshop was the first in a series that aims to facilitate industry input to the project to enable the strongest possible and most authoritative, evidence-based outcomes for the maritime sector from the EMERGE project.

In this [link](#) you can download the presentations delivered in the workshop.

You can stay in touch with the project at our [website](#).

Follow us:



*Infographic illustrating the scope and approach of the EMERGE project*

This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No. 874990

