

Greetings from Clean Shipping Project Platform (CSHIPP)

The end of March 2021 marked the end of CSHIPP implementation. In this newsletter, we wish to give you an update on our activities, results and outputs, as well as some thoughts on the CSHIPP experience as a whole.



Making the most out of Platform collaboration

CSHIPP, which was kicked off in 2018, was established as a project platform to promote sustainable shipping in the Baltic Sea region by bridging the gap between research, business and policy making. The concept of project platforms was introduced by the Interreg Baltic Sea Region Programme to support cooperation among partners of projects funded by Interreg and other funding programmes in different thematic fields. The overarching objective of this kind of collaboration has been to improve the utilisation of the results from individual projects on a wider scale. In CSHIPP's case, the Platform brought together representatives of seven individual projects which looked at the shared topic of clean shipping from different angles. The aim was to synthesise the findings of the individual projects and the expertise of the partners to produce and provide information on two key topics which are important for the Baltic Sea region as a whole, i.e. the environmental impacts of shipping and the business potential in clean shipping.



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In order to improve cooperation and the transfer of scientific knowledge from research to practice, CSHIPP partners prepared a series of publications on issues such as the impacts of shipping on air and water quality, underwater noise, human health, and marine and land ecosystems, compliance monitoring of ships, and knowledge gaps and research strategies on the environmental impacts of shipping. To ensure that the knowledge in the publications reaches relevant authorities and

policy makers, special attention was paid to dissemination activities. As a result, our partners attended various conferences and meetings to discuss research findings and to provide input for on-going and future policy making process at national and regional levels, as well as in the context of HELCOM, the EU and the International Maritime Organization. Stakeholders and target group representatives from both public and private sectors were also invited to various events, meetings and personal consultations organised by CSHIPP partners to discuss the environmental issues at hand and the policy measures needed to foster cleaner shipping.

To explore the business potential in clean shipping, CSHIPP partners set up various workshops and events aimed at industry representatives from the maritime sector. These events explored topics such as sustainable business models for clean shipping, new clean shipping technologies, and the role of collaboration as a catalyst for commercially viable clean shipping. Publications on clean shipping financing, cross-sectoral collaboration and future needs for new clean shipping technologies were also prepared and actively shared with target group representatives.



To provide alternatives for scientific reports and events, CSHIPP partners created online tools and easy-to-access ways to share information to relevant target groups through e-platforms. For example, an online portal serving as an inventory of data on shipping emissions and their impact on the Baltic Sea region was established. In addition to the portal, a storymap was set up to synthesise clean shipping topics and combine the results of partner projects in an easily digestible format. A short animation was also released to serve as an introduction to the work done for clean shipping in the Baltic Sea region. These outputs enabled the partners to get through to the wider target groups the project set out to reach.

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All in all, platform collaboration suited CSHIPP objectives extremely well as it enabled our partners find synergies, exchange information, build up new knowledge and reach important target groups across the Baltic Sea region. The feedback we have received on our outputs has been largely very positive and the efforts towards cleaner shipping seem to resonate well with both private and public sector representatives. From our partners' point of view, transnational and cross-sectoral collaboration was essential to get the most out of the extensive and complementary expertise of the CSHIPP consortium. Similarly, direct connections with target group representatives were crucial to achieve meaningful results and changes in established practices. Now that we are wrapping up CSHIPP, we are happy to see that the collaboration has already set off further transnational projects and initiatives in the field of clean shipping.

As for most people and organisations, COVID-19 caused some challenges and delays for CSHIPP implementation. Many events and meetings were cancelled or transferred online. As a result, some reorganisation and new skills were needed to ensure that we were able to deliver what we had planned to achieve. Luckily, our partners were determined to stay positive and plough through the uncertainties. We wish to thank all our partners, collaborators and contributors for your support and valuable input! Hopefully, we will get a chance to work with you again soon!



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CSHIPP publications and outputs

The publications and outputs listed here are also available on CSHIPP website:
www.cshipp.eu/publications



Report on emissions to water from shipping

(Report prepared by Karl Jivén, IVL Swedish Environmental Research Institute)

[Download report \(pdf\) on emissions to water here](#)

[Download infographic \(pdf\) here](#)



Report on noise emissions from shipping

(Report prepared by Karl Jivén, IVL Swedish Environmental Research Institute)

[Download report \(pdf\) on noise pollution from shipping here](#)

[Download infographic \(pdf\) here](#)



Report on air pollution from shipping

(Report prepared by Michael Gauss, Norwegian Meteorological Institute, Jan Eiof Jonson (Norwegian Meteorological Institute), Jana Moldanova (IVL Swedish Environmental Research Institute), Johan Mellqvist (Chalmers University of Technology), Jukka-Pekka Jalkanen (Finnish Meteorological Institute), Volker Matthias (Helmholtz-Zentrum Geesthacht), and Matthias Karl (Helmholtz-Zentrum Geesthacht).)

[Download report \(pdf\) on air pollution from shipping here](#)

[Download infographic \(pdf\) here](#)



Best practice report on compliance monitoring of ships with respect to current and future IMO regulation.

(Report prepared by Johan Mellqvist and Vladimir Conde, Chalmers University of Technology)

[Download Best practice report on compliance monitoring of ships with respect to current and future IMO regulation](#)

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Report on knowledge gaps and research strategies on the environmental impacts of shipping and their mitigation

(Report prepared by Jana Moldanová, IVL Swedish Environmental Research Institute; Michael Gauss, Norwegian Meteorological Institute; Jukka-Pekka Jalkanen, Finnish Meteorological Institute; Jan Eiof Jonson, Norwegian Meteorological Institute; Volker Matthias, Institute of Coastal Environmental Chemistry, Helmholtz-Zentrum; Sari Repka, Centre for Maritime Studies, University of Turku; Johan Mellqvist, Chalmers University of Technology)

[Download report on knowledge gaps and research strategies on the environmental impacts of shipping and their mitigation](#)



Book of abstracts from the scientific conference "Shipping and the Environment II - From Regional to Global Perspectives"

Download the [book of abstracts here](#).



Proceedings of the workshop "[Electric Mobility on Waters – Contributions for Clean Shipping](#)" (pdf) (Report prepared by Alexander John, ATI Küste GmbH)



Proceedings of the workshop "[E-ferries and urban mobility](#)" (pdf) (Report prepared by Alexander John, ATI Küste GmbH)



Research report "State of Play and Future Needs for Clean Shipping"

(Report prepared by Alexander John, ATI Küste GmbH and Tadeusz Borkowski, Maritime University of Szczecin).

[Download the report \(pdf\) "State of Play and Future Needs for Clean Shipping"](#)

[Infographic \(pdf\): Towards Cleaner Shipping](#)

[Infographic \(pdf\): State of Play and Future Needs for Clean Shipping](#)

**Research report "Best Practices in Cross-Sectoral Collaboration in Clean Shipping Projects"**

(Report prepared by Teemu Itälä, Pan European Institute at the University of Turku)

[Download the report \(pdf\) "Best Practices in Cross-Sectoral Collaboration in Clean Shipping Projects"](#)

[Download infographic \(pdf\) on cross-sectoral collaboration in clean shipping projects](#)

**Manual of Best Practices in Clean Shipping Financing in Europe**

(Report prepared by Yassine Bakkar, Eunice Olaniyi, Gunnar Klaus Prause, and Olha Prokopenko – Tallinn University of Technology)

[Download Manual of Best Practices in Clean Shipping Financing in Europe \(pdf\)](#)

**Policy guidance for clean shipping in the Baltic Sea region**

[CSHIPP policy guidance on scrubber wash water \(pdf\)](#)

[CSHIPP policy guidance on shore power \(pdf\)](#)

**Website demonstrating the impact of shipping emissions on the Baltic Sea region**

<https://www.shipemissions.eu/>

**Storymap focusing on clean shipping in the Baltic Sea region**

English version of the storymap is available at <http://arcg.is/1HrHCy>

Russian version of the storymap is available at <https://arcg.is/11WbDy0>

**Animation on clean shipping in the Baltic Sea region**

https://www.youtube.com/watch?v=Lp7FUTOvuHo&feature=emb_title

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CSHIPP events in 2020

14th May 2020, The Business of Clean Shipping: a webinar focusing on the business potential in clean shipping. For more information, visit CSHIPP's website: <https://cshipp.eu/business-opportunities-in-clean-shipping>

27th November 2020, International Clean Shipping policies: a webinar focusing on the impacts of selected clean shipping policies, the assessment of the technology-based options available for the shipping sector to comply with environmental targets, the options to enforce the legislation in a way that ensures compliance, and the benefits of these environmental measures for air quality, water quality, climate, human health and well-being. For more information and a recording of the webinar, visit CSHIPP's website: <https://cshipp.eu/webinar-on-international-clean-shipping-policies>

In addition to the public events organised by CSHIPP, the platform partners took part in various external events such as the 11th Annual Forum of the EU Strategy for the Baltic Sea Region (online) and Baltic Sea States Subregional Cooperation (BSSSC) Annual Conference 2020 (online).

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