



РОССИЙСКО-ГЕРМАНСКИЙ
ПАРТНЕРИАТ МАЛОГО И
СРЕДНЕГО БИЗНЕСА



Partnership of project platforms

Clean Shipping Project Platform

*In partnership with International Consortium
"Saint-Petersburg Cleantech Cluster for Urban Environment", Russia*

CSHIP

1 NO POVERTY



2 ZERO HUNGER



3 GOOD HEALTH AND WELL-BEING



4 QUALITY EDUCATION



5 GENDER EQUALITY




6 CLEAN WATER AND SANITATION



7 AFFORDABLE AND CLEAN ENERGY



8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



10 REDUCED INEQUALITIES



11 SUSTAINABLE CITIES AND COMMUNITIES



THE GLOBAL GOALS
For Sustainable Development

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



13 CLIMATE ACTION



14 LIFE BELOW WATER



15 LIFE ON LAND



16 PEACE AND JUSTICE STRONG INSTITUTIONS



17 PARTNERSHIPS FOR THE GOALS



CLEAN SHIPPING PROJECT PLATFORM

CSHIPP brings together transnational projects and their key actors in order to ensure effective use, better durability and transferability of the projects' results. The consortium represents seven projects in total: EnviSuM, BONUS SHEBA, BalticLInes, GoLNG, ECOPRODIGI, COMPLETE & BSR ELECTRIC

CSHIPP Objectives

- Synthesising clean shipping projects' results to enable easier capitalisation
- Increasing the uptake of scientific information into policymaking
- Enhancing cooperation of businesses and the maritime industry with research and academia



ENVISUM

Environmental Impact of Low Emission Shipping: Measurements and Modelling Strategies.

The project addresses measurement and modelling strategies to assess present and future compliance costs, health effects, and environmental effects of ship emissions.

Shipping regulations and environmental investments have been discussed widely in the media and by politicians and lobby organisations, but only limited information is available on the technical efficiency and socioeconomic impacts of the different clean shipping solutions and of their capacity for complying with the regulations. The tools and recommendations will be discussed widely within the project workshops, in social media, in the media, conferences, and targeted discussions. These dissemination activities will enhance capacity building of stakeholder organizations also outside the project consortium.

Project budget EUR 3.22 million

Lead partner University of Turku (Finland)

Project partners 12



Baltic LINes

Coherent Linear Infrastructures in Baltic Maritime Spatial Plans

The overall objective of the Project: to increase transnational coherence of shipping routes and energy corridors in Maritime Spatial Plans (MSP) in the Baltic Sea Region (BSR). This prevents cross-border mismatches and secures transnational connectivity as well as efficient use of Baltic Sea space.

Thereby Baltic LINes helps to develop the most appropriate framework conditions for Blue Growth activities (e.g. maritime transportation, offshore energy exploitation, coastal tourism etc.) for the coming 10-15 years increasing investors' security.

Project budget EUR 3.38 million

Lead partner Federal Maritime and Hydrographic Agency (DE)

Project partners 15



GO LNG

LNG Value Chain for Clean Shipping, Green Ports and Blue Growth in Baltic Sea Region

The project will focus on developing the demand and accessibility of Liquefied Natural Gas (LNG) in the Baltic Sea Region. It will create a strategic approach to LNG development and a technology approach for consolidating the LNG value chain and it will provide skills and business partnerships for infrastructure development.

The project will focus on developing the demand and accessibility of LNG (Liquefied Natural Gas) in the Baltic Sea Region (BSR). When the value chain and the case studies for LNG are in place, the accessibility and price of LNG as marine fuel is still a very valid bottleneck for further development.

To apply LNG infrastructure as the growth and sustainability factor for the BSR there will be LBG production and distribution content provided. The project will aim at establishing value chain, technological concepts and business models for LBG. This will ensure sustainability of the LNG infrastructure and economic grow in the coastal communities.



Project budget EUR 3.05 million

Lead partner Klaipeda Science and Technology Park LT

Project partners 18



ECOPRODIGI

Eco-efficiency to maritime industry processes in the Baltic Sea Region through digitalisation

ECOPRODIGI kick starts international collaboration between industry and academia to reduce the ecological footprint of transport vessels during their lifecycles through digitalisation. Research organisations mediate between technology developers and shipping companies, shipyards, suppliers and ports. Focusing on ferry and roll-on/roll-off shipping (i.e. wheeled cargo such as trucks and railroad cars), the partners analyse environmental inefficiencies, digitally simulate performance, and design business models for digital solutions.

The ECOPRODIGI project increases eco-efficiency in the Baltic Sea region maritime sector by creating and piloting digital solutions in close cooperation between industry end-users and research organisations. Ultimately, ECOPRODIGI supports the Baltic Sea region in becoming a front-runner in maritime industry digitalisation and clean shipping.



Project budget EUR 4.24 million

Lead partner University of Turku (Finland)

Project partners 21



COMPLETE

Completing management options in the Baltic Sea Region to reduce risk of invasive species introduction by shipping

Shipping contributes to the uncontrolled introduction of invasive species to the Baltic Sea, which has severe environmental and economic consequences. COMPLETE supports the implementation of the new International Maritime Organization's convention on ballast water management by triggering regional cooperation, developing risk assessment procedures for ballast water management exemptions and setting a monitoring system of non-indigenous species in the Baltic Sea.

Shipping as the source of invasive aquatic organisms Shipping is the most important vector of introduction of harmful aquatic organisms and pathogens in marine environment worldwide. Such organisms can have significant socioeconomic and ecological impacts when they spread to new sea areas, as they can affect human health, livelihoods like aquaculture and fisheries or alter the structure of marine food webs. The project COMPLETE works towards minimising the introduction of harmful aquatic organisms and pathogens by developing a consistent and adaptive management system for the Baltic Sea region.



Project budget EUR 3.23 million

Lead partner Kotka Maritime Research Association (KMRA) FI

Project partners 12



BSR ELECTRIC

BSR electric - Fostering e-mobility solutions in urban areas in the Baltic Sea Region

The project aims to enhance the use of electric vehicles in city transport systems such as public sector fleets, public transport and bike sharing in order to reduce CO2 emissions and pollution. The partnership of public authorities, business, academia and NGOs explores the potential of e-bikes, e-buses, e-ferries and other e-vehicles. The project guides municipalities and transport planners and operators as well as public and private fleet managers in integrating e-mobility into urban transport strategies.

BSR-electric aims to enhance the utilization of e-mobility for urban transport systems across the Baltic Sea region. It demonstrates potential applications of various types of urban e-mobility solutions. Transnational pilot actions outline how different e-mobility applications can be implemented in practice and guide municipalities, public authorities, planners and transport providers in the process of integrating new solutions into urban transport. Various theme-specific capacity building actions improve knowledge whereas facilitated exchanges enhance the target's group capacity for informed decision-making.


Project budget EUR 3.83 million

Lead partner Hamburg University of Applied Sciences, Germany

Project partners 15



CSHIPP PARTNERS

Role	Organisation (English)	Organisation (Original)	Country
PP 1	University of Turku	Turun yliopisto	 FI
PP 2	Centrum Balticum Foundation	Centrum Balticum -säätiö	 FI
PP 3	Finnish Meteorological Institute	Ilmatieteen laitos	 FI
PP 4	IVL, Swedish Environmental research Institute	IVL Svenska Miljöinstitutet	 SE
PP 5	Baltic Marine Environment Protection Commission - Helsinki Commission (HELCOM)	Baltic Marine Environment Protection Commission - Helsinki Commission (HELCOM)	 FI
PP 6	Norwegian Meteorological Institute	Meteorologisk Institutt	 NO
PP 7	Chalmers University of Technology	Chalmers Tekniska Högskola	 SE
PP 8	Tallinn University of Technology	TALLINNA TEHNIKAÜLIKOOL	 EE
PP 9	Helmholtz-Zentrum Geesthacht Centre for Materials and Coastal Research	Helmholtz-Zentrum Geesthacht Zentrum für Material- und Küstenforschung GmbH	 DE
PP 10	ATI Küste GmbH - Association for Technology und Innovation	ATI Küste GmbH - Gesellschaft für Technologie und Innovation	 DE
PP 11	Maritime University of Szczecin	Akademia Morska w Szczecinie	 PL
PP 12	MDC (Maritime Development Center)	MDC (Maritime Development Center)	 DK
PP 13	Aalborg University	Aalborg Universitet	 DK

In partnership with International Consortium “Saint-Petersburg Cleantech Cluster for Urban Environment”, Russia



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WP 1: admin & comms

WP 2

WP 3

WP 4

WP2: Research-to-Policy Clean Shipping Activities

(IVL, FMI, HZG, MetNorway, Chalmers, UTU, HELCOM, assoc. SE-EPA, DK-EPA, SWAM, TRAFI, BSH)

management

WP3: Online Dissemination of the Clean Shipping Data

(UTU & all)

WP4: Business Potential in New Clean Shipping Technology

(UTU, TTU, ATI Küste GmbH, Szczecin, MDC, Aalborg, assoc TRAFI, Short Sea Promotion Centre, Se-EPA, EUSBSR PA Ship, Dk-EPA, DFDS, J.Lauritzen)

WP5: Platform Influence
(Centrum Balticum)

WP2: Research-to-Policy Clean Shipping Activities

- Partners: IVL, FMI, HZG, MetNorway, Chalmers, UTU, HELCOM, assoc. SE-EPA, DK-EPA, SWAM, TRAFI, BSH
- Aim: To establish a research-policy network for clean shipping oriented to regional, national and local authorities in the BSR
- Tasks:
 - Synthesis of state of the art knowledge on emissions from shipping to air, to water column and of underwater noise incl. extended annual reporting to HELCOM (FMI)
 - Synthesis of state of the art knowledge on compliance control and enforcement (Chalmers)
 - Synthesis of state of the art knowledge on impacts from shipping on human health, marine and land ecosystems (MetNo)
 - Knowledge gaps, stakeholder needs and funding possibilities (IVL)

WP3 Online Dissemination of the Clean Shipping Data

- A3.1: Online Dissemination and Educational Tool on Green Shipping in the Baltic Sea - Clean Shipping E-platform (story map) (UTU)
- A3.2: Website Demonstrating Effects of Shipping on Air and Water Quality (HZG)

WP4 Business Potential in New Clean Shipping Technology (UTU)

- A4.1: State of Play and Future Needs for New Clean Shipping Technology (ATI Küste GmbH)
- A4.2: Enhancing Business Potential by involving Business in EU-funded Projects (UTU)
- A4.3: Best Practices in Clean Shipping Financing for Private Companies

WP5: Platform Influence (Centr. Balt & all)

- 5.1 Bringing together clean shipping sectors and actors (Centr.Balt.) - Platform events, workshops & meetings in the Platform (Shipping and Environment II conference)
- 5.2 Influencing policies and policy makers (HELCOM) – Recommendations to GREEN TEAM meeting 2019 and to HELCOM MARITIME
- 5.3 Influencing wider public opinion (Centr.Balt.) - Outreach activities and material to wider public

**XVII ANNUAL STRATEGIC PLANNING LEADERS FORUM
OF THE REGIONS AND CITIES OF RUSSIA**

**XVII ОБЩЕРОССИЙСКИЙ ФОРУМ
«СТРАТЕГИЧЕСКОЕ ПЛАНИРОВАНИЕ
В РЕГИОНАХ И ГОРОДАХ РОССИИ»**

СТЕЙКХОЛДЕРЫ БУДУЩЕГО

STAKEHOLDERS OF THE FUTURE

Как консолидировать стейкхолдеров, способных планировать и управлять будущим, обеспечивать устойчивое развитие, «превращая невозможное сегодня в возможное завтра» в целях удовлетворения потребностей ныне живущих и будущих поколений россиян?

Who are those actors who are interested in bringing the **future** closer today?

How to consolidate the stakeholders that can plan and manage the future, ensure **SUSTAINABLE** development, "making possible tomorrow what is impossible today" to meet the needs of present and future generations of people?

SAINT PETERSBURG

**OCTOBER 22-23
2018**



ПЯТЬ ТЕМАТИЧЕСКИХ ЛИНИЙ ФОРУМА

1. Планирование будущего и будущее планирования.
2. Человеческий капитал: стейкхолдеры перемен.
3. Лучшая практика стратегирования, новости технологии планирования.
4. Сотрудничество для регионального развития: международное, межрегиональное, межмуниципальное.
5. **БАЛАНС В ПОЛЬЗУ ГУМАНИЗМА - КЛЮЧ К УСТОЙЧИВОМУ ИННОВАЦИОННОМУ РАЗВИТИЮ РОССИИ (ЗЕЛЕНЬ ДЕНЬ ФОРУМА)**
BALANCE TOWARDS HUMANISM - A KEY TO SUSTAINABLE INNOVATION IN RUSSIA



FORUM GREEN DAY

Balance towards humanism - a key to sustainable development and innovation in Russia



Session 1 Stakeholders of Sustainable Future: avenues for action and monitoring the implementation of SDGs *jointly with the Council of the Baltic Sea States and the Committee for Nature Use, Environmental Protection and Ecological Safety of St. Petersburg*

Session 2 - Sustainable multimodal transport systems and mobility management strategies *jointly with the Nordic Council of Ministers and the Russian Ministry of Transport*

Session 3 The green vector of technological breakthrough: nature-like technologies and a circular economy *jointly with the **International Consortium "Saint-Petersburg Cleantech Cluster for Urban Environment"** and the Council of the Baltic Sea States*

ХVII ОБЩЕРОССИЙСКИЙ ФОРУМ
«СТРАТЕГИЧЕСКОЕ ПЛАНИРОВАНИЕ
В РЕГИОНАХ И ГОРОДАХ РОССИИ»

СТЕЙКХОЛДЕРЫ БУДУЩЕГО

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22-23 ОКТЯБРЯ 2018

ПРИГЛАШАЕМ К УЧАСТИЮ!

WELCOME!





РОССИЙСКО-ГЕРМАНСКИЙ
ПАРТНЕРИАТ МАЛОГО И
СРЕДНЕГО БИЗНЕСА

WIRTSCHAFTSFORUM - RUSSISCH-DEUTSCHES
PARTNERIAT „KOOPERATIONSSCHANCEN IN DEN
CLUSTERN GESUNDHEITSWIRTSCHAFT UND
NACHHALTIGE STADTENTWICKLUNG“

SEPTEMBER 4, 2018
HAMBURG

THANK YOU!

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