

GREEN CRUISE PORT

Partnership and Geographical Scope

The GREEN CRUISE PORT Project embraces 20 partners, incl. associated organisations, which represent port authorities, cruise lines, a maritime research institute and a governmental body. Geographically it covers all Baltic Sea Region (BSR) countries and the neighbouring North Sea.

- EU Member States
- Project Partners
- non-EU States
- Associated Organisations

BSR Programme Area



Partners:



Hamburg Port Authority (DE)



Hamburg Cruise Center (DE)



Rostock Port (DE)



Freeport of Riga Authority (LV)



Port of Tallinn (EE)



SE Klaipėda State Seaport Authority (LT)



Port of Helsinki LTD (FI)



Maritime Institute in Gdańsk (PL)



Port of Bergen (NO)



Port of Esbjerg (DK)

Associated Organisations:

- Port of Oslo (NO)
- Ports of Stockholm (SE)
- Copenhagen Malmö Port CMP (DK)
- Rosmorport Kaliningrad Branch (RU)
- Port of Amsterdam (NL)
- Port of Gothenburg (SE)
- AIDA Cruises (DE)
- TUI Cruises (DE)
- Rosmorport North-West Basin Branch St. Petersburg (RU)
- Free and Hanseatic City of Hamburg Senate Chancellery (DE)

Lead Partner:

Hamburg Port Authority
Ingo Fehrs
+49 40 42847 3019
ingo.fehrs@hpa.hamburg.de

Communication Manager:

W & P marine
Hans-Ulrich Wolff
+49 170 381 90 69
wpmarine@t-online.de

Project Management:

UNICONCONSULT Universal Transport Consulting
Dr. Madlen Thom
+49 40 740 08 118
m.thom@uniconsult-hamburg.de



EUROPEAN UNION
EUROPEAN REGIONAL DEVELOPMENT FUND



Sustainable Development
of Cruise Port Locations
2016 – 2019

Project Aim and Approach

GREEN CRUISE PORT elaborates a multidimensional strategic approach for a sustainable and qualitative future development for cruise shipping in port areas.

GREEN CRUISE PORT encourages investments and procedures in environmentally friendly cruise port infra- and superstructure in the Baltic Sea Region (BSR) as well as in smart traffic links to the public transport and supply systems.

To fulfill its mission, the project contains three work packages, implemented from March 2016 to February 2019.



Project of the EU Interreg BSR Programme 2014 - 2020

GREEN CRUISE PORT (GCP) is a project in the EU Interreg Baltic Sea Region Programme 2014-2020 (www.interreg-baltic.eu). In GCP port authorities from around the Baltic Sea and the neighbouring North Sea are working together with other main cruise stakeholders, to make the BSR more innovative, more sustainable and better connected, from a cruise tourism perspective.

Work Packages

1. Sustainable Energy Supply & Innovative Solutions for Emission Reduction

GREEN CRUISE PORT concentrates on the reduction of cruise vessel emissions in harbours and sustainable adaptation of cruise port infrastructure to the requirements of the latest technical developments in cruise shipping sector. Since the Baltic Sea became Emission Control Area and EU Directive (2005/33/EC) limits sulphur emissions for all ships moored at any inland or sea ports within the EU, the cruise ship operators basically have four options to comply with these regulations: a completely change to distillate fuels (MDO or MGO), to scrubber systems, to liquefied natural gas (LNG) or to methanol as fuel. Basically cruise ports have to prepare for all options.

2. Smart Cruise Terminal Buildings & Innovative Reception Facilities

GREEN CRUISE PORT aims to establish sustainable cruise port superstructure, especially terminal buildings and reception facilities. Sustainable cruise port superstructure has to be adapted to the development of the world cruise fleet, which indicates a massive trend to bigger cruise ships. This causes a need for adjustments in terminal buildings as well as in reception facilities, e.g. bilge, sludge and scrubber sludge, grey and black water as well as solid and toxic waste disposal facilities. Several cruise ports in the BSR indicate the need for new buildings or reconstructions of cruise terminals and terminal buildings. Especially the integration of „green“

features like sustainable building shells, energy saving systems, green vegetation on roofs, solar panels, small wind turbines or energy efficient lighting etc. must be taken into consideration. In addition, the terminal/vessel access has to be ensured for elderly and disabled passengers. And growing crew sizes demand for appropriate social attention at ports.



3. Smart Cruise Port Traffic Solutions & Economic Effects

GREEN CRUISE PORT focuses on environmentally friendly traffic integration of cruise ports into the transport system of the port locations (incl. near hinterland) and economic impacts on the cruise port cities and the regional hinterland. It tackles the development of smart and sustainable traffic solutions for cruise ports and also takes into account nautical challenges in correspondence to the growing cruise vessel sizes and adequate sustainable transport links. Solutions for sustainable mobility (e.g. bicycles, public transport) are considered.