

Drivers for the Shipping Sector

Deliverable 1.1

Publication

Report

Citation

Boteler, Benjamin; Jenny Tröltzsch; Katrina Abhold et. al. 2015: Drivers for the shipping sector. Deliverable 1.1, type RE within the BONUS Research Project "SHEBA Sustainable Shipping and Environment of the Baltic Sea region".

The objective of this report is to assess the current policy and socioeconomic drivers affecting shipping and other vessels globally and in the Baltic Sea region. The report provides a 'baseline' reference of key policy and socioeconomic drivers against which potential future changes to vessel activity can be assessed.

Language

English

Authorship

Benjamin Boteler
Jenny Tröltzsch
Katrina Abhold
Dr. Manuel Lago
Thong Tien Nguyen, Eva Roth (SDU)
Erik Fridell, Hulda Winnes (IVL)
Erik Ytreberg (Chalmers)
Markus Quante, Volker Matthias (HZG)
Jukka-Pekka Jalkanen, Lasse Johansson (FMI)
Jakub Piotrow, Uszula Kowalczyk (GDA)
Kaimo Vahter, and Urmas Raudsepp (MSI)

Funding

Federal Ministry of Education and Research (BMBF), Germany
BONUS Secretariat (EEIG) (BONUS Secretariat), International

Year

2015

Dimension

71 pp.

Project

Policy for Sustainable Shipping in the Baltic Sea Region (SHEBA)

Project ID

2270

Table of contents

- 1 INTRODUCTION
 - 1.1 Report structure
 - 1.2 Background
- 2 APPROACH AND METHODOLOGY
- 3 KEY POLICIES AFFECTING SHIPPING
 - 3.1 International, European, and Baltic Sea Region Legislation
 - 3.1.1 Policies to improve the marine environment
 - 3.1.2 Sulphur oxides, nitrous oxides and particles
 - 3.1.3 Greenhouse gas emissions
 - 3.1.4 Waste
 - 3.1.5 Non-indigenous species
 - 3.1.6 Anti-fouling systems
 - 3.1.7 Specific policies for recreational crafts
 - 3.1.8 Voluntary initiatives
 - 3.2 National and regional legislation
 - 3.2.1 Germany
 - 3.2.2 Sweden
 - 3.2.3 Poland
 - 3.2.4 Finland
 - 3.2.5 Denmark
 - 3.2.6 Estonia
 - 3.3 Summary
- 4 SOCIOECONOMIC DRIVERS OF SHIPPING, FISHING VESSELS, AND RECREATIONAL BOATS
 - 4.1 General socioeconomic drivers
 - 4.1.1 Economic growth
 - 4.1.2 Societal drivers
 - 4.1.3 Resource use
 - 4.2 Socioeconomic drivers on commercial shipping
 - 4.2.1 Socioeconomic drivers of commercial shipping demand
 - 4.2.2 Socioeconomic drivers of commercial shipping supply
 - 4.3 Socioeconomic drivers on fishing vessels
 - 4.3.1 Socioeconomic drivers of fishing demand
 - 4.3.2 Socioeconomic drivers of fishing supply
 - 4.4 Socioeconomic drivers on leisure boats
 - 4.4.1 Socioeconomic drivers of leisure boat demand
 - 4.4.2 Socioeconomic drivers of leisure boat supply
 - 4.5 Summary
- 5 RANDOM SHOCKS POTENTIALLY AFFECTING SHIPPING
- 6 OUTLOOK
- 7 KEY MESSAGES

REFERENCES

ANNEX

1.1 Questions Posed to Stakeholders at Workshop

1.2 Template Sent to Country Experts

2.1 Policy Indicators

2.2 Economic Indicators

Keywords

EU

Coastal + Marine

Mobility

Evaluation

shipping, air pollution, water pollution, noise pollution, marine, ecosystem services, MSFD,

policy, analysis, scenarios, integrated assessment, evaluation, modelling

Europe, Baltic Sea

Source URL: <https://www.ecologic.eu/13804>