



clean air

Clean Air in Ports



Gdansk

March 19th 2015



NABU e.V.



- German **N**ature and **B**iodiversity Conservation **U**nion
- member of Birdlife International
- ~ 560.000 members in Germany



Where we started...



clean air



- Since 2009
- 10 European countries



Clean Air for Europe



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a project by



Clean Air Action Group



Deutsche Umwelthilfe



THE DANISH ECOCOUNCIL

Bund für
Umwelt und
Naturschutz
Deutschland



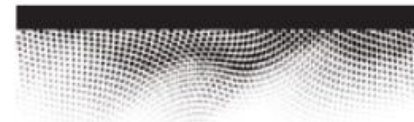
project coordination



co-financed by the
EU's LIFE financial
instrument



associated campaign



SOOT FREE FOR THE
CLIMATE

Air pollution: What is the problem?



- Particulate Matter (PM)
- Black Carbon (BC)
- Sulfur dioxides (SO₂)
- Nitrogen oxides (NO_x)

Air pollution is a problem for....health



- Respiratory and cardiovascular diseases
- Diminished lung functions
- Premature deaths
- Lung cancer

Air pollution is a problem for..... biodiversity



- acid rain
- acidification of soil and water
- eutrophication of lakes and soils

NABU: Clean Air in Ports



NABU: Clean Air in Ports



Ports...

- cause a lot of air pollution
- are often located in a city
- many times exempted from effective regulations
- various polluters, various institutions responsible



Stakeholders in Ports



- Administrations
- Port authorities
- High sea shipping companies
- Terminal operators
- Logistic companies
- Industry
- Public transport
- Utilities





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NABU: Clean Air in Ports



A LIFE+ project

Gdansk, March 19th



Clean Air in Ports : Aims and Plan



- Discuss problems
- Present solutions
- Enhance networking

- 6 workshops throughout Europe
- Working paper → manual



Clean Air in Ports: 6 Workshops

Past:

2013 Hamburg

2013 Antwerp

2014 UK

2014 Copenhagen

2014 Barcelona

2015 Gdansk



www.energifonden.net



www.nrsail.eu

Clean Air in Ports: Working Paper



WORKING PAPER: CLEAN AIR IN PORTS

Status: October 2014

This working paper of the NABU LIFE+ Project [*Clean Air in Ports*](#) aims at to collect and discuss measures that can be undertaken to reduce the air pollution in and from ports. Please note that at this point the paper is under construction and will be supplemented piece by piece. This paper by no means claims to cover all subjects completely, but instead asks for the input and thoughts of the reader.

INTRODUCTION

In September 2012, the German Nature and Biodiversity Conservation Union ([NABU](#)) and eight environmental organizations from six European countries started the EU-LIFE+ funded project "[*Clean Air*](#)", campaigning for better air quality throughout Europe. With its project [*Clean Air in Ports*](#) NABU contributes to this EU LIFE+ project. Reducing the air pollution from European ports will help the environment, the climate and the health of local residents. This paper aims to give an introduction to the

Closing event



- Last Workshop:
- During IAPH on June 1st in Hamburg
- Presentation of Manual





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**We wish you an interesting and
inspiring day!**

www.nabu.de/ports

