



Clean Inland Shipping and EU policies on clean air

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Air pollution in the EU

Why is it a problem?

Where is it a problem?

What are we doing about air pollution?

Support for clean air

LIFE CLINSH

Air pollution – who and what causes it?

Air pollution has multiple sources ...

... and originates across all scales

PM_{2.5}: Households (54%), Energy & Industry (21%),
Transport (13%),...

NO_x: Transport (47%), Energy (15%), Industry (15%),
Households (8%), ...

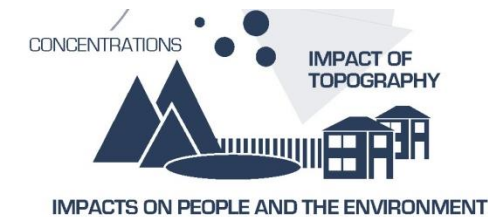
SO_x: Energy (47%), Industry (33%), Households (15%),
Transport (3%), ...

NH₃: Agriculture (93%), ...

- Transboundary pollution
- National level background
- City level sources
- Road-side peaks

**This combination requires EU Clean Air
Policy to address all sectors & all scales**

What are we doing about air pollution?



SETTING OBJECTIVES FOR GOOD AIR QUALITY

Ambient Air Quality (AAQ) Directives

Maximum concentrations of air polluting substances
(PM₁₀, PM_{2.5}, SO₂, NO₂, O₃ + 8 more)

REDUCING EMISSIONS OF POLLUTANTS



National Emission reduction Commitments Directive

National emission totals
(SO₂, NO_x, NMVOC, PM_{2.5}, NH₃)

Source-specific emission standards

- IED Directive and MCP Directive
- Eco-design Directive
- NRMM
- Euro and fuel standards
- ...

European Green Deal & Zero Pollution Ambition

European Green Deal (1)



European Green Deal (2)

Timetable (key actions)

First Zero Pollution Monitoring and Outlook (2022)

- Revision of **Air Quality Directive**
- Revision of the **Urban Wastewater Treatment Directive**
- Revision of **water pollutants list** (Environmental Quality Standards and Groundwater Directives)
- Revision of the **Mercury Regulation**
- Implementation Report of **Environmental Noise Directive**
- Establish EU priority watch list for **soil**

Second Zero Pollution Monitoring and Outlook (2024)

- Recommendations on implementation of **polluter pays principle**

2021

Launch of the Zero Pollution Stakeholder Platform (2021)

- New emission limit values for motor vehicles (**EURO7**)
- Revision of the **Industrial Emissions Directive** and EU Pollutant Release and Transfer Register (or early 2022)
- Revision of the **Environmental Crime Directive**
- Launch global initiatives, e.g. on **lead batteries recycling**

2022

2023

EEA's European Environment & Health Atlas (2023)

- Review of **Marine Strategy Framework Directive**
- Review of **Bathing Water Directive**
- Fitness Check of **Environment Liability Directive**
- Assess pathways and policy options for **indoor air quality**
- Dedicated nutrient (ammonia) actions contributing to the **Integrated Nutrient Management Action Plan**
- Zero pollution contribution to **European Green Deal Dataspace**

2024



Support for Clean Air policies

Providing direct or indirect financial support:

- Structural Funds (e.g. PA, OP, RDP, ETC)
- Invest EU and EIB
- Connecting Europe Facility (CEF: Transport, Energy)
- Horizon Europe
- LIFE: standard projects, Strategic Integrated Projects, Preparatory Projects
- ...

LIFE CLINSH

Looking back

- History
- Some highlights
- Strengths

Now

Looking forward

-Realising lower emissions from Inland Waterway Transport

- How?
- Who?
- Scope?

-The future of the CLINSH partnership: other issues related to vessels and ports?

More information:

https://ec.europa.eu/environment/air/index_en.htm

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Hartelijk dank!
Vielen Dank!
Thank you very much!

