



**HAMBURG PORT AUTHORITY**

**PORT IS WHAT WE DO**

## **Implementation of Hydrogen MoUs – the Importer's view**

Green hydrogen ports – from policy to practice

Linda Hastedt, 25.04.2023

# Role of Hamburg Port Authority (HPA)

Germany's largest seaport

Key duties:

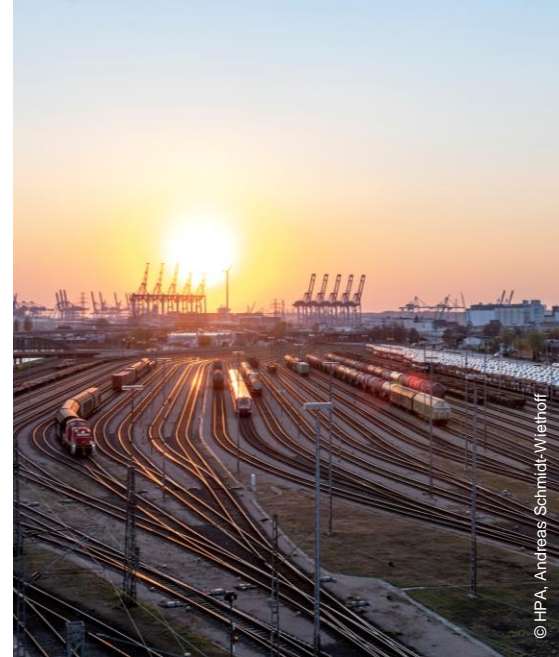
- Maintaining the waterside and landside infrastructure
- Ensuring safe and efficient navigation
- Managing the port property

Role:

- Enabler (land resources & network)

Challenges:

- Creating growth despite limited land resources
  - Brown field & green field options
- The port – an industrial area in the heart of the city of Hamburg





# Origin of MoU Port of Halifax & Port of Hamburg

Canadian-German Hydrogen Alliance, August 2022



Signing MoU by Port of Halifax and Port of Hamburg, September 2022

# Implementation of Port Cooperation on Hydrogen

**■ Green Shipping Corridor by 2025:**

- Transport of hydrogen/derivates from Halifax to Hamburg
- Port infrastructure for bunkering hydrogen/derivates
- Local awareness

**Corresponding Action:**

- Technical, Operational and Economic Feasibility Study
- Risk Analysis
- Communication

**■ Key stakeholders:**

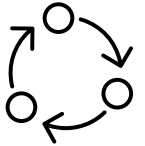
- shipping companies
- Local authorities (fire brigade, water police, environmental authority)



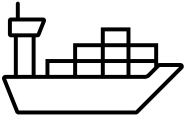
# Lessons learned so far



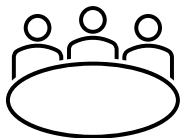
- Value Chain Approach



- Ensure a Green Lifecycle of the Value Chain



- Shipping companies are the essential partner for implementation



- Early identification and engagement of critical stakeholders





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