



# HHLA is a vertical integrated port and transport logistics company serving customers along the entire transport chain



- Container throughput
- Container-related services (e.g. storage, repair)
- Multipurpose Terminals



- Container transport via rail and truck in the ports' hinterland
- Operation of inland terminals

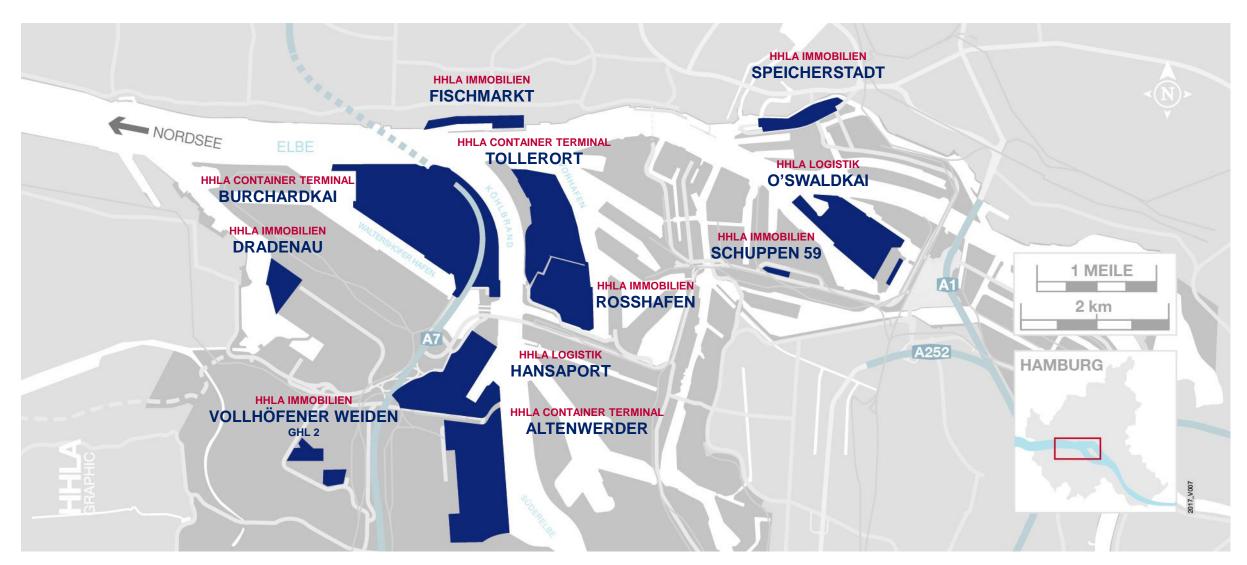


- Logistics
- Specialist handling of dry bulk, break bulk, vehicles, fruit, etc.
- Consulting and training



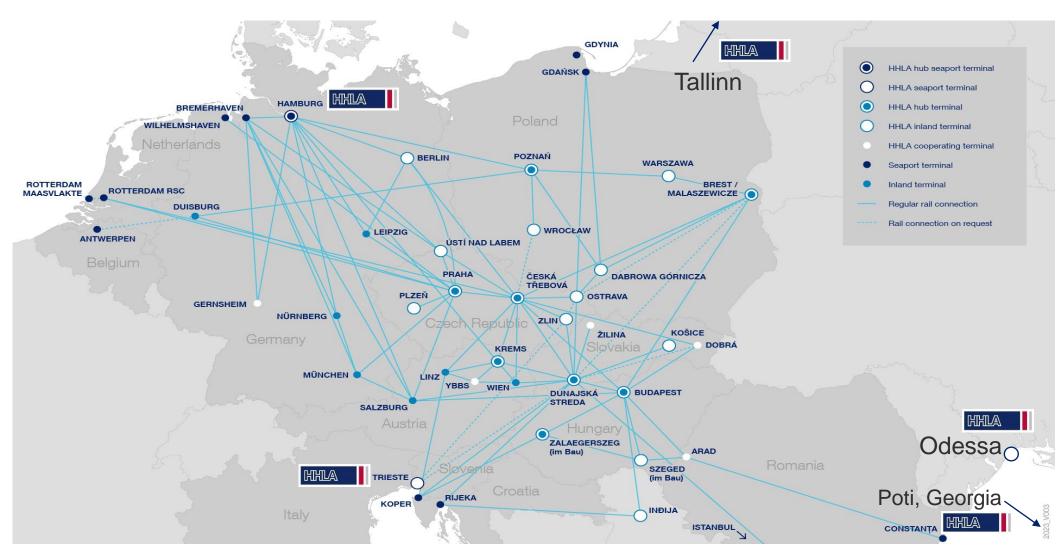
- **Real Estate**
- DNA of HHLA and business card of the city
- Marketing of space in the Speicherstadt and Fischmarkt

# HHLA operates various logistics and cargo handling facilities in the Port of Hamburg



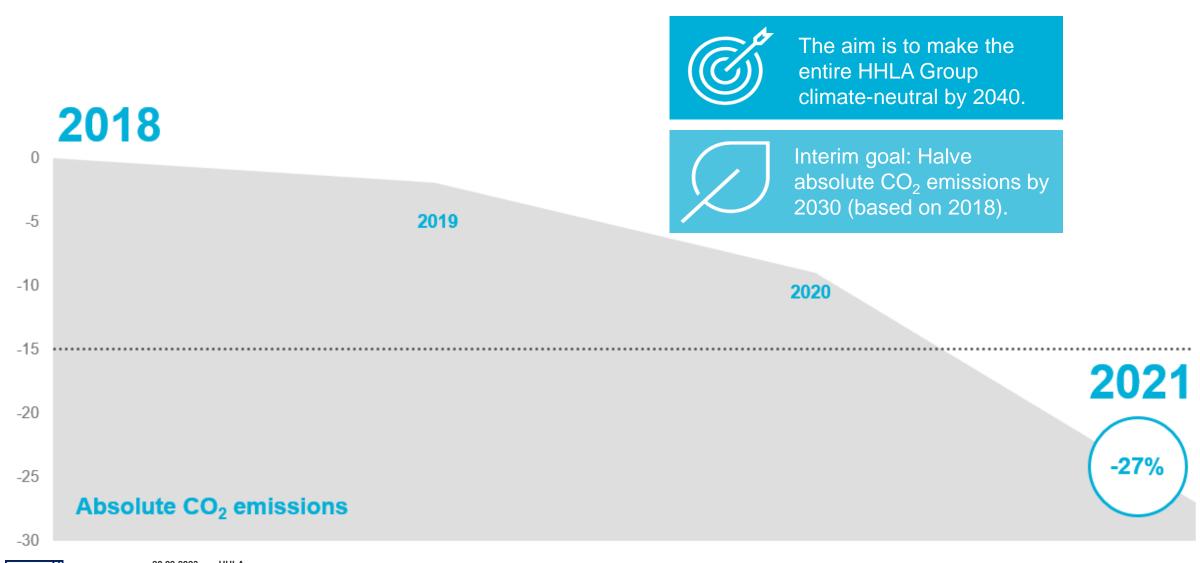


# With over 600 weekly connections, HHLA-METRANS is the market leader in hinterland traffic in Central, Eastern and Southeast European industrial regions



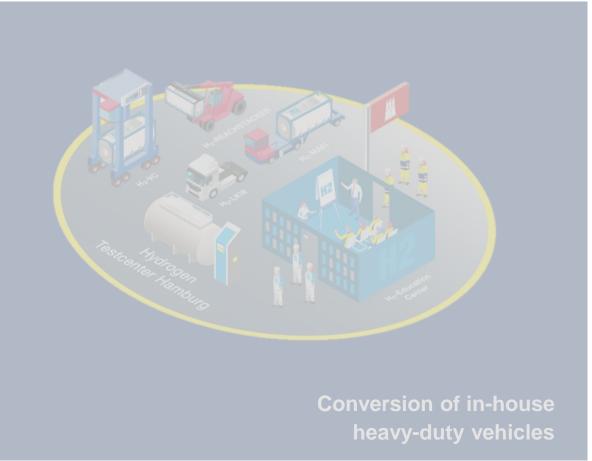


#### Climate protection is firmly anchored at HHLA



# As part of our hydrogen strategy we link our heavy duty vehicle applications with national and international projects for hydrogen import and distribution





# Hydrogen: Multiple applications for hydrogen require multiple modes of transport







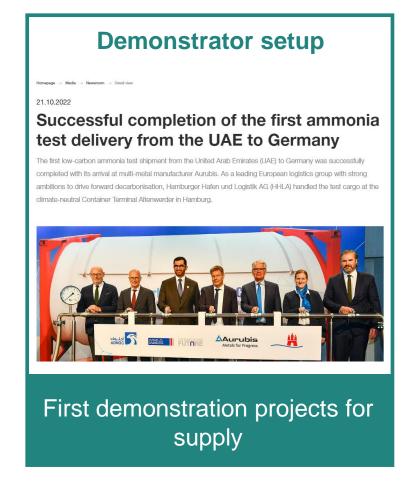


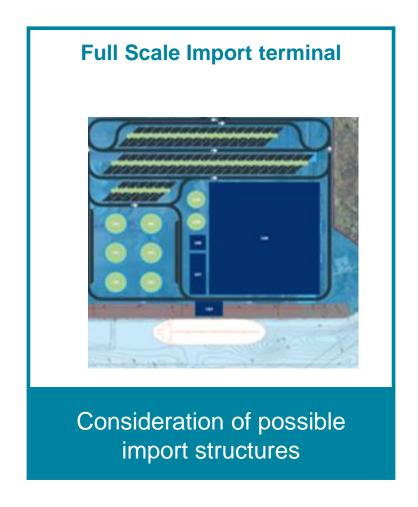




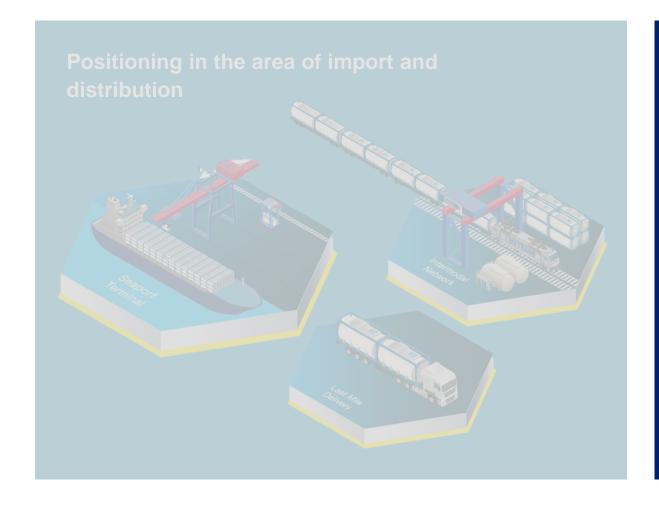
## The aim of the hydrogen activities is to unlock profitable growth areas along the transport routes of tomorrow







# As part of our hydrogen strategy we link our heavy duty vehicle applications with national and international projects for hydrogen import and distribution





# HHLA plans to convert own heavy-duty commercial vehicles in Hamburg and Europe to hydrogen operation in different phases

**CPL** 

#### Phase 0



## Multimodal test site for hydrogen equipment

Proof of concept for the use of fuel cell equipment as part of a Innovation Cluster



#### Phase 1



## **H2 LoAD - Hydrogen Logistics Applications & Distribution**

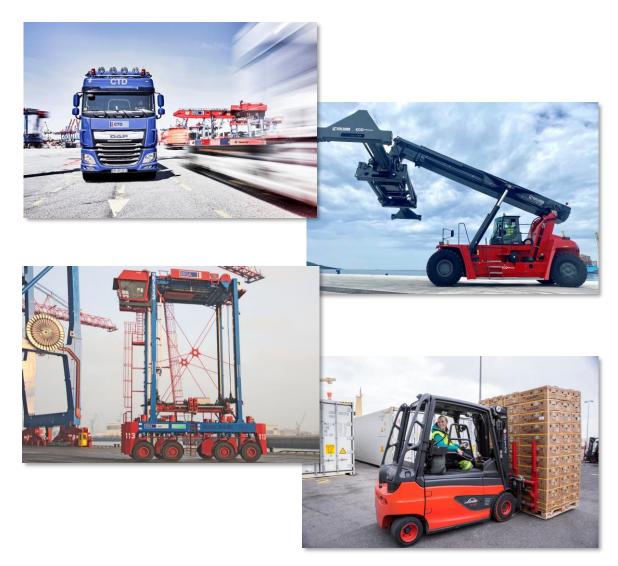
Changeover to FC technology at HHLA facilities in Germany incl. fueling infrastructures and network connections



#### Phase 2

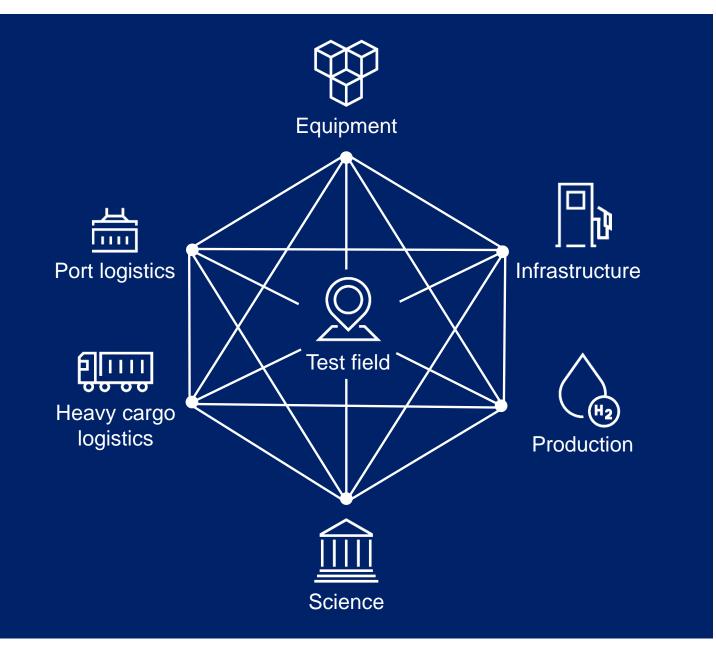


**European rollout** 



# Clean Port & Logistics

Speeding up transition in heavy duty logistics and port operation











### The Aims



**Robust** foundations for decision-making



Rapid market maturity of the technologies



Lively marketplace where solutions quickly find their users





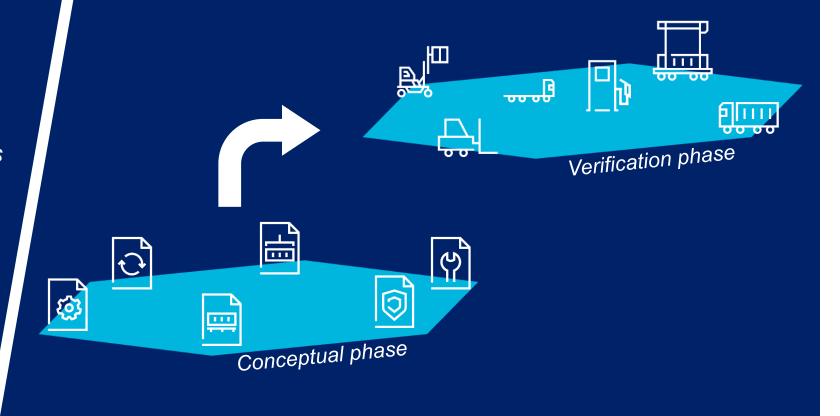






## The Approach

Validation of theoretical concepts in real operation

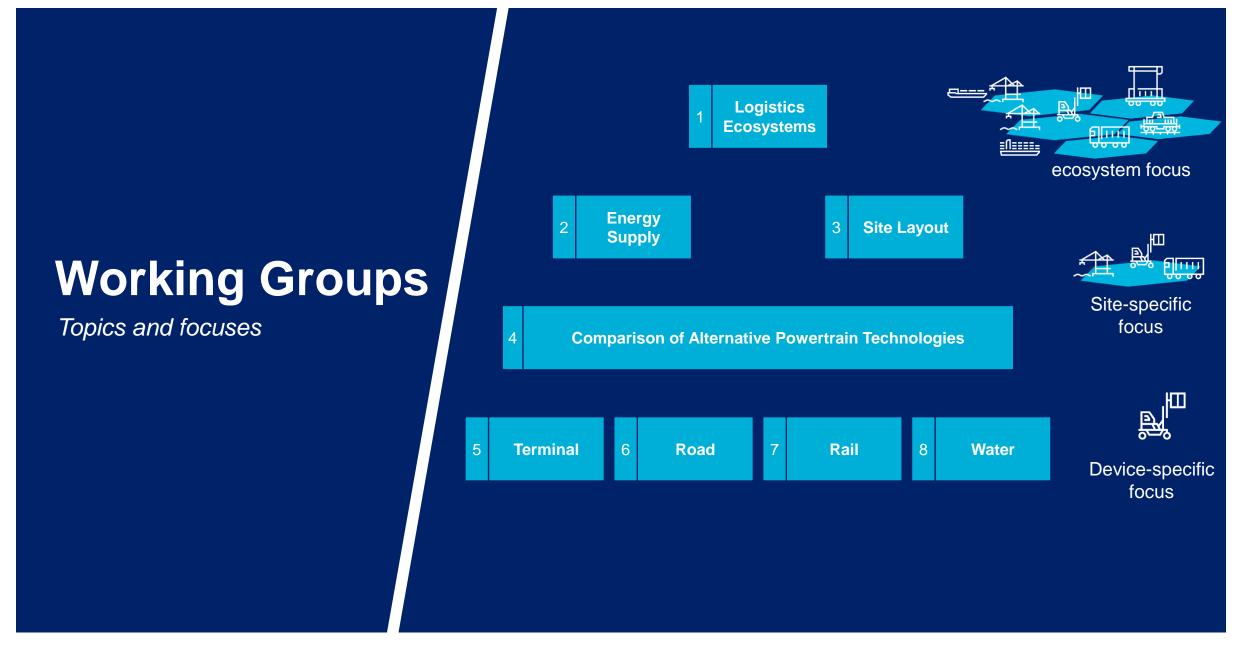
























#### Communication

Events and channels









www.hydrogenports.org



https://www.linkedin.com/grou ps/12723267/

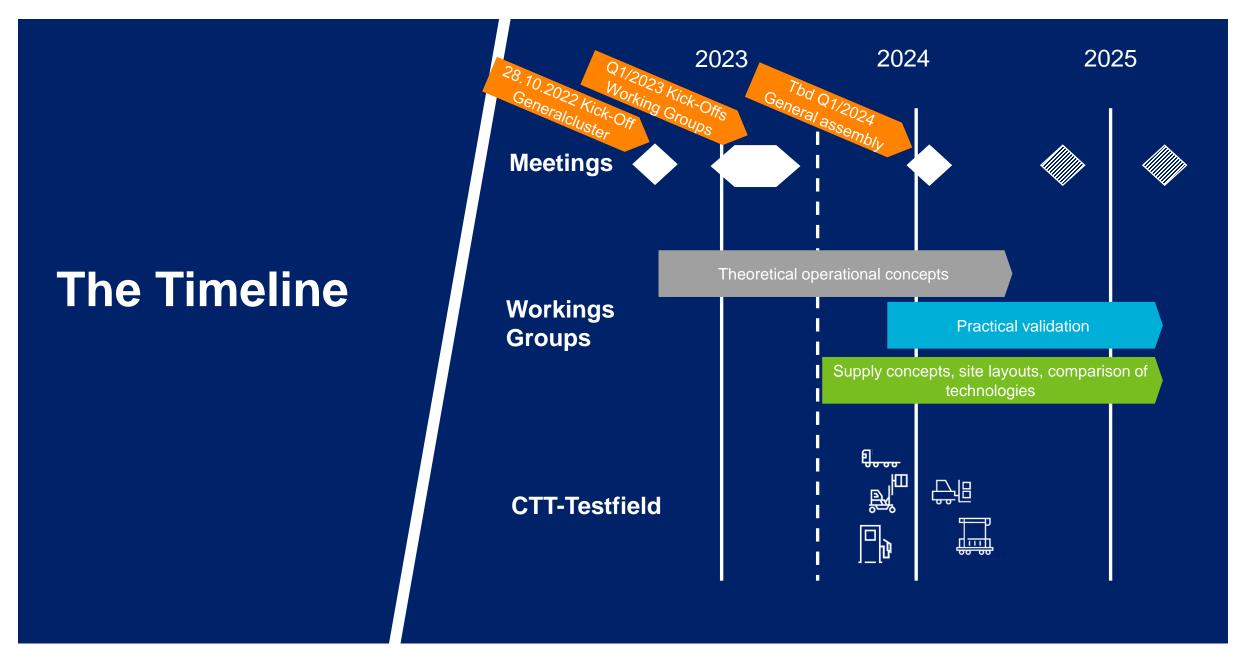




















### **The Members**

global, regional, local

