

#### duisport – where we are and who we reach



#### duisport – gateway to Europe

#### Within 150 km:

- 30 million consumers
- EUR 600 billion in purchasing power
- 300,000 companies

#### **Optimum infrastructure prerequisites**

- Directly on the Rhine Europe's most important waterway
- Number 1 rail hub
- At the intersection of international highway axes (A 2, A 3, A 40, A 57, A 59)

#### **Excellent location**

- State-of-the-art infrastructure and suprastructure
- Top-level multimodal networking

Ideal starting point for sustained success.





# approx. 40 km

wharves and sheet piling

fully built forecourt stations

container terminals with a total of 21 container gantry cranes

>300 km

standard gauge line

separate areas with connection to the network of the Deutsche Bahn



facilities for liquid cargo handling

**Dry Bulk Terminals** 



turnouts with different electric points, two signal boxes



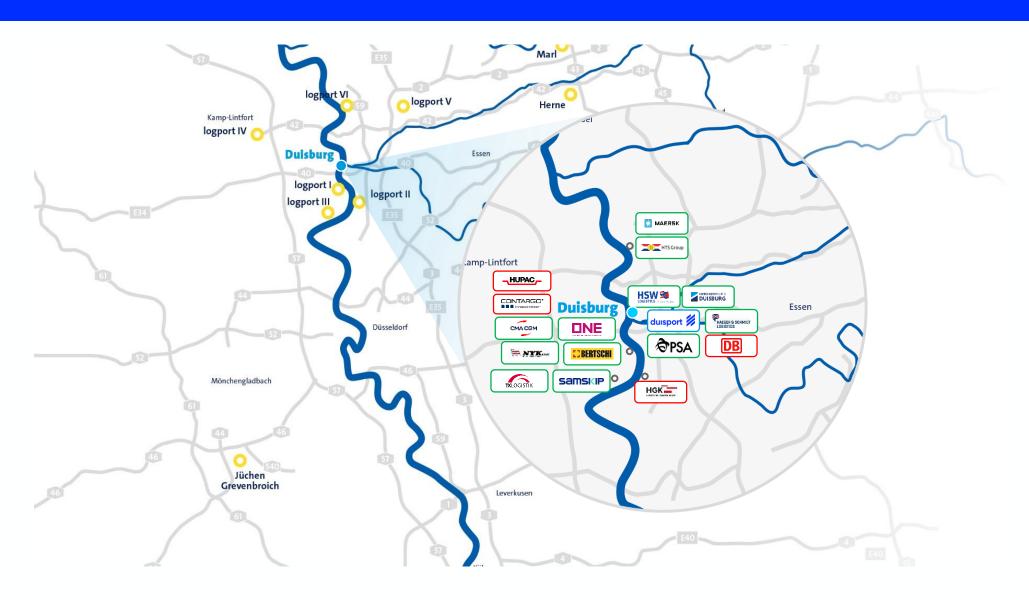
level crossings

crane systems with up to 500 t load capacity

Roll-On / Roll-Off Systems

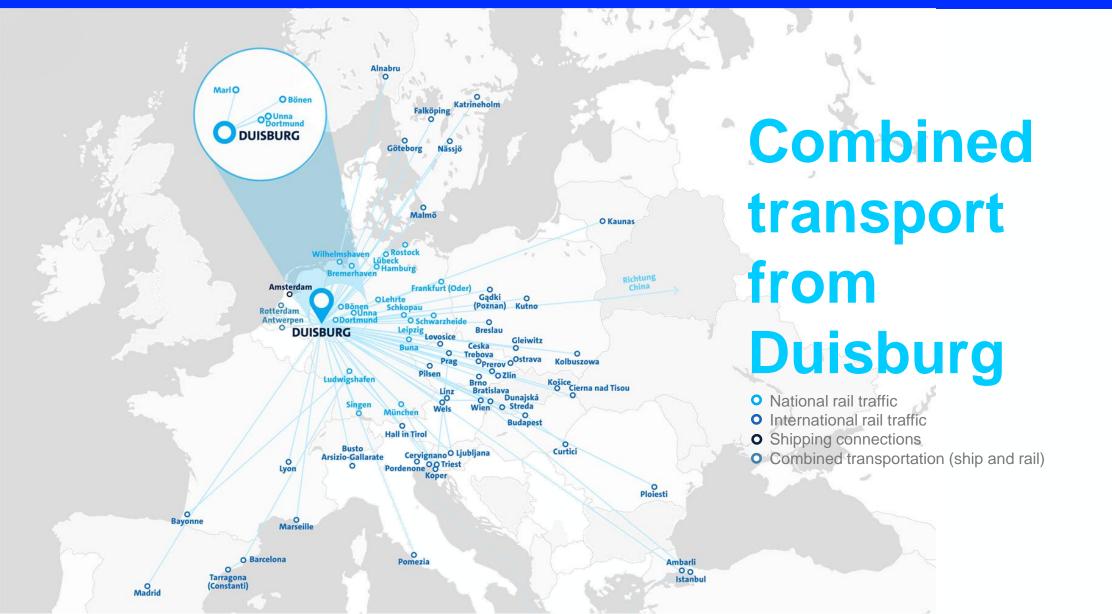
## Free market access for all supply chain players





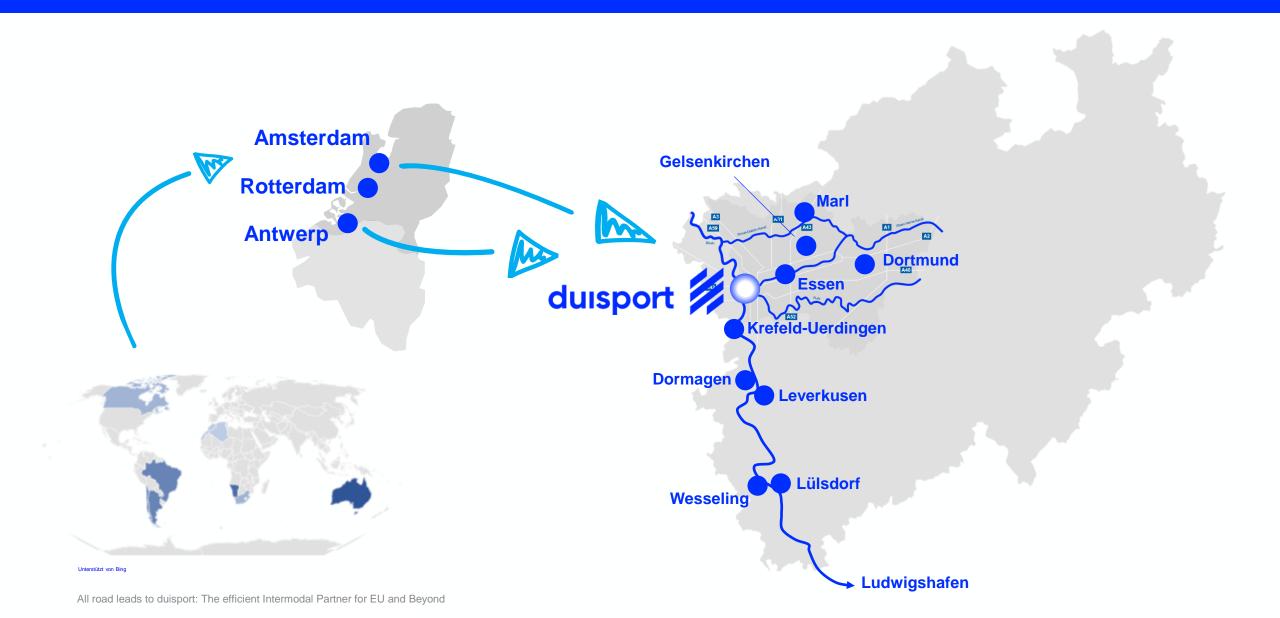
#### Wide-ranging international network





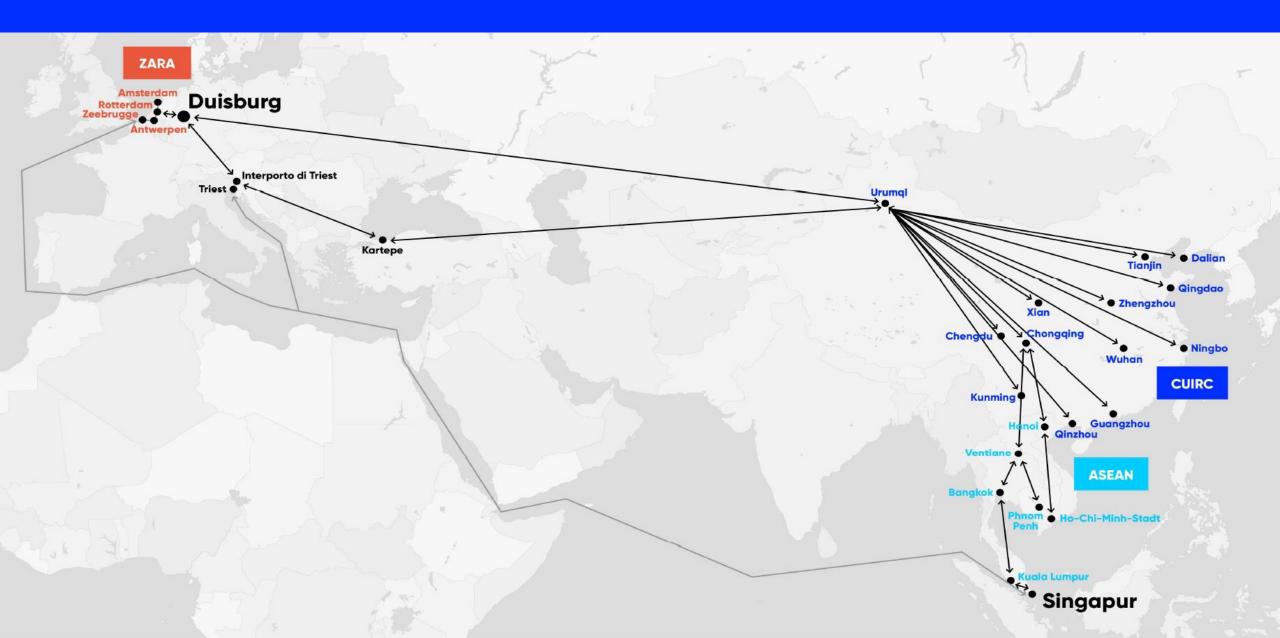
## **Duisburg - Gateway into NRW**





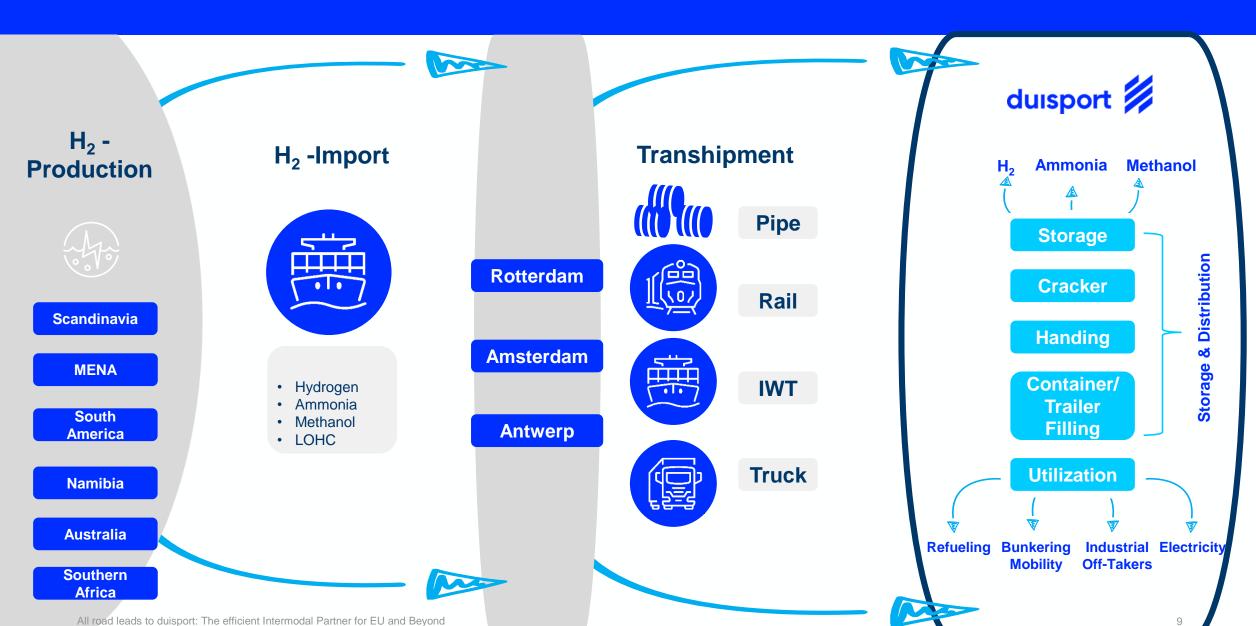
#### **Train connections to Asia**





### Our Goal – The central Hydrogen Hub in the Hinterland





#### **Pipeline Connections - The Delta Rhine Corridor**

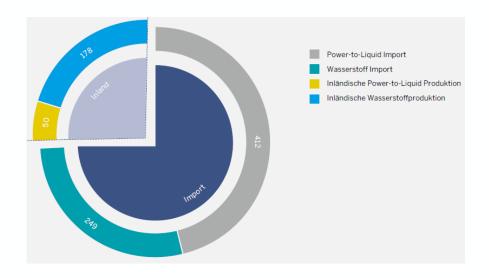




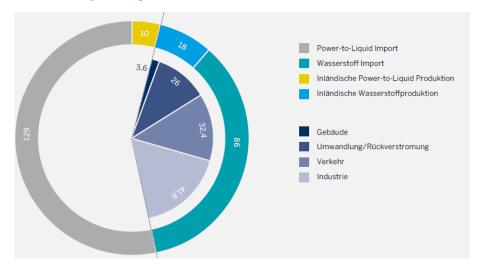
#### Demand estimate and hydrogen import quota



## Hydrogen and PtL supply in Germany in 2050 in TWh per year



# Hydrogen and PtL supply and use of hydrogen by sector in NRW in 2050 in TWh per year



- For Germany, the demand for hydrogen and liquid fuels and raw materials (PtL) will total just under 900 TWh per year by 20501
- Around 75% of this demand is expected to be covered by imports. North Rhine-Westphalia has an even higher import quota of almost 90 %<sup>2</sup>

<sup>&</sup>lt;sup>1</sup> Cf. Ministry of Economic Affairs, Innovation, Digitalization and Energy of the State of North Rhine-Westphalia, Hydrogen Roadmap NRW - Accompanying Study FZJ (2020) <sup>2</sup> Cf. ibid.

# **Extending Tank Storage Capacities to supply the Industry with Hydrogen and its Derivatives**





Source: Regionalverband Ruhr













## **Thank You**

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