

# duisport – more than a port

**Markus Bangen**

Member of the Executive Board



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About duisport

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Challenges and opportunities for river-sea transport  
from duisport`s perspective

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Q&A

## Owners and operators of the public Duisburg ports

### History

- Around 1716: First mention of the ports
- 1926: Founding of Duisburger Hafen AG
- As of 2001: Use of "duisport" trademark

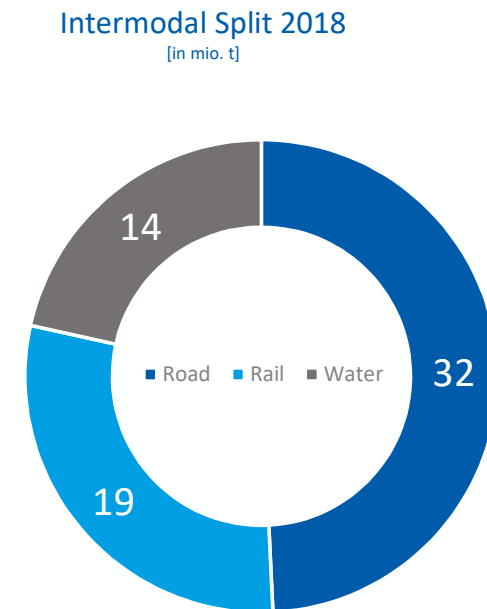
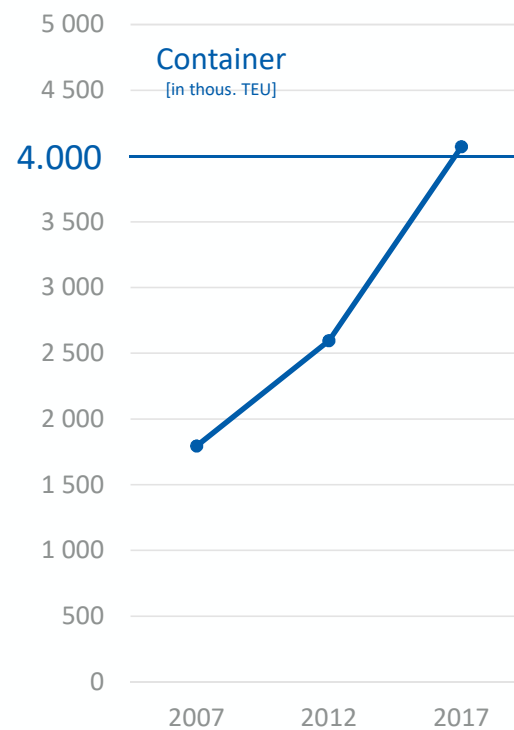
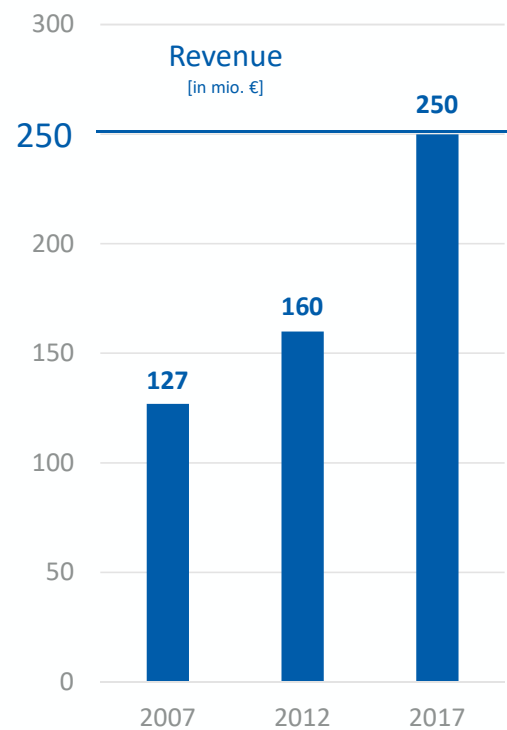
### Partners (share capital approx. EUR 46 million)

- 2/3 of share capital - State of NRW
- 1/3 of share capital - City of Duisburg

### Management

- Erich Staake (CEO to the Executive Board)
- Prof. Thomas Schlipköther (Member of the Executive Board)
- Markus Bangen (Member of the Executive Board)







## duisport – excellence in logistics

### The world's largest inland port

- > 127.5 million tons of goods are handled every year (incl. private commercial ports)
- > 4.1 millions TEUs handled per year (TEU = twenty foot equivalent unit)
- > 100 companies settled over a period of approx. 15 years (50 from abroad)

### Leading logistics hub in Europe

- 1,550 hectares of logistics space
- 2.2 million square meters of covered warehouse space
- > EUR 250 million in investments initiated each year by duisport

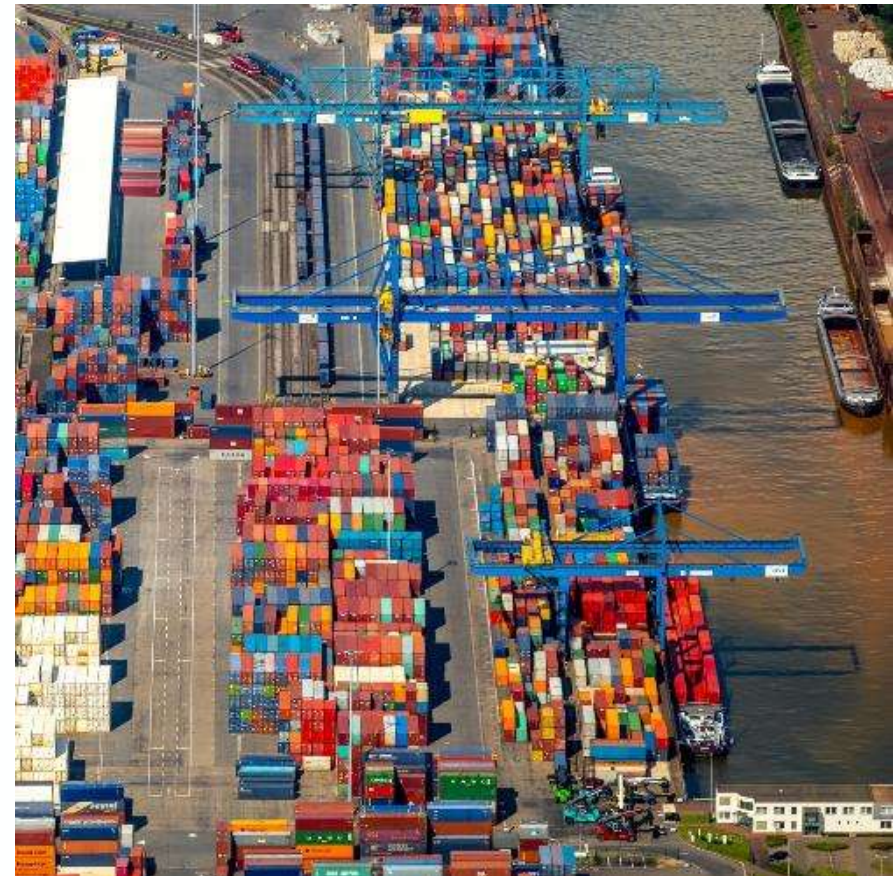
### The most important trade and transport hub in the Rhine-Ruhr region

- > EUR 3 billion in value creation each year can be traced back to the Port of Duisburg
- 20,000 ships per year in the Port of Duisburg
- 25,000 trains per year in the Port of Duisburg


### Most important inland hub in and for Europe.

CCNR – River-Sea Transport Workshop

13. September 2019




# duisport – what we offer



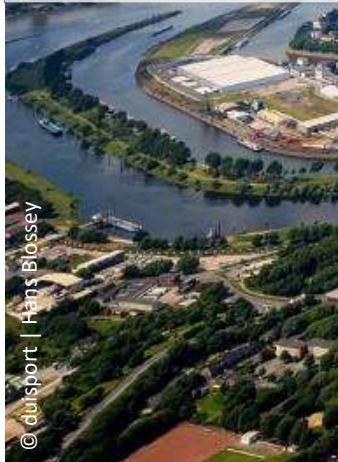
20.000 barges  
and river sea  
ships per year



25.000 trains per  
year



Motorway  
connection to  
A2, A3, A40, A57,  
A59



Connected to  
Rhine and Ruhr



30 million clients  
within 150km  
range



8 terminals

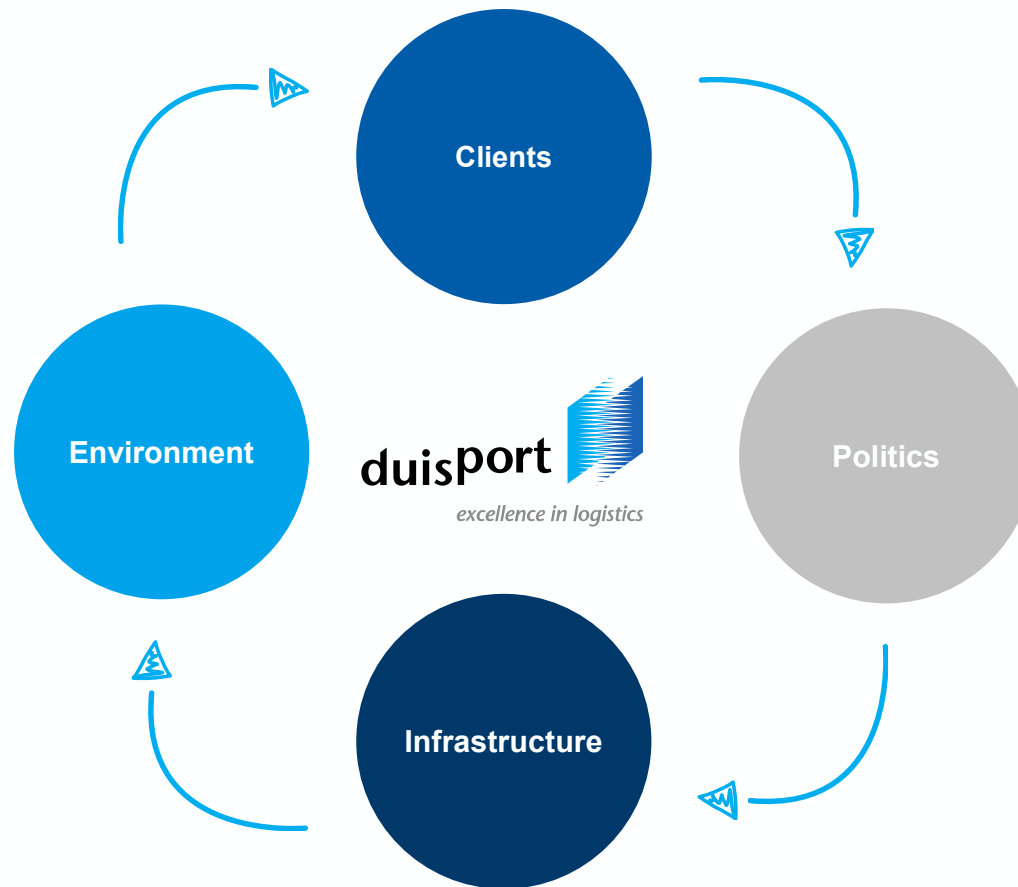


# Wide-ranging international network



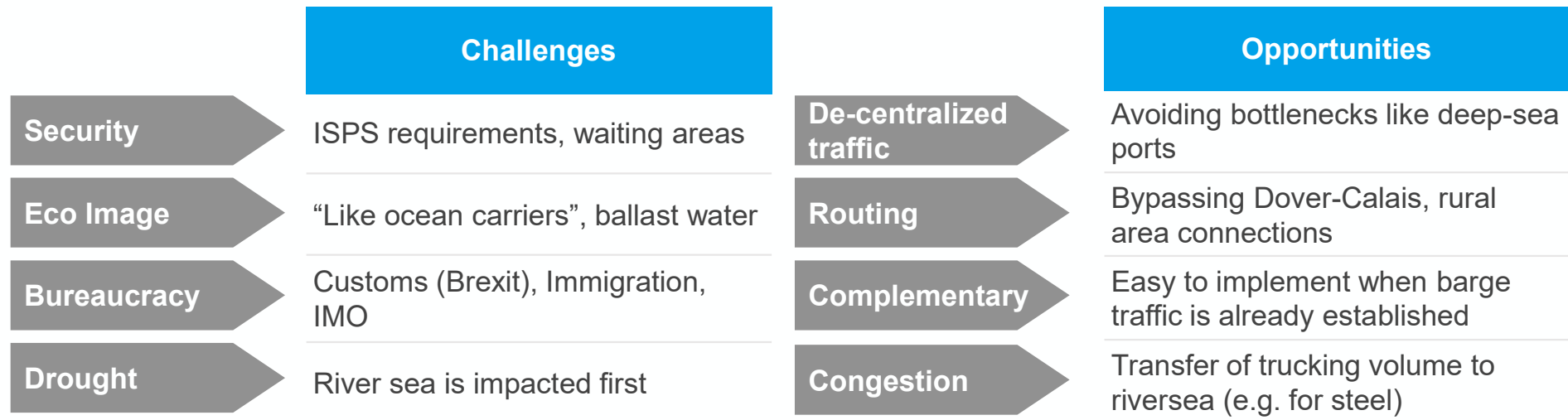
## River Sea from Duisburg

Year	No. of ships
2017	342
2018	264 (only 8 from Aug-Nov)
2019 ytd.	227





# duisport – Challenges and opportunities of shortsea-shipping



## Port security at duisport:

- Dedicated fenced waiting area for ships
- CCTV surveillance
- ISPS regulations certified



## Human Resources

- Lack of staff for barge and river-sea transport

## Digitization

- Port community system including data exchange between barges (RIS) and terminal operators
- Use of AR and AI to improve business models and operations (i.e. predictive maintenance, big data)
- Innovative mobility, i.e. pooling concepts and autonomous driving

## Geo-political Issues:

- Brexit: Opportunities for shortsea shipping and small ports; Customs challenges
- Continuous support for river-sea needed by EU

## Infrastructure

- Aging of bridges and locks
- sufficient waterway depth
- Improve resilience and cooperation between modes of transport (i.e. contingency plans, construction site management)
- ISPS regulations for terminals

## Climate change/Sustainability

- Modal shift
- Low water / high water
- Emission reduction

# duisport – investment initiatives for shortsea and barge



## Investments with political support, i.e. by ministry of transport

- Refit locks
- Height of new bridges for save passage on channels
- Extend 5G on key waterways
- Secure proper tide in drought months
- Subsidize fleet retrofitting (GTL/LNG) and shoreside power
- 3D simulation and training for staff on barges and river-sea ships
- Support standardized education and training of IWT staff

## Investments by duisport

- Trimodal terminals for direct handling barge <-> rail
- infrastructure measures in the port area (mooring areas, degassing facilities, duisport app)
- LNG gas station
- Shoreside power stations
- E-Mobility hub
- New nautical trainees
- Actively cooperate in research and development projects with associations and partners, i.e. BDB, DST/UDE, SGKV, EGTC
- Foster cross-border knowledge exchange by participating in various working groups and site visits with Flemish Waterways, Provincie Gelderland...



Source: www.dst-org.de





Questions?

**Thank you for your attention**