

# **European Inland Shipping**

OPS: The Inland Port as Energy Hub – 03-02-2022

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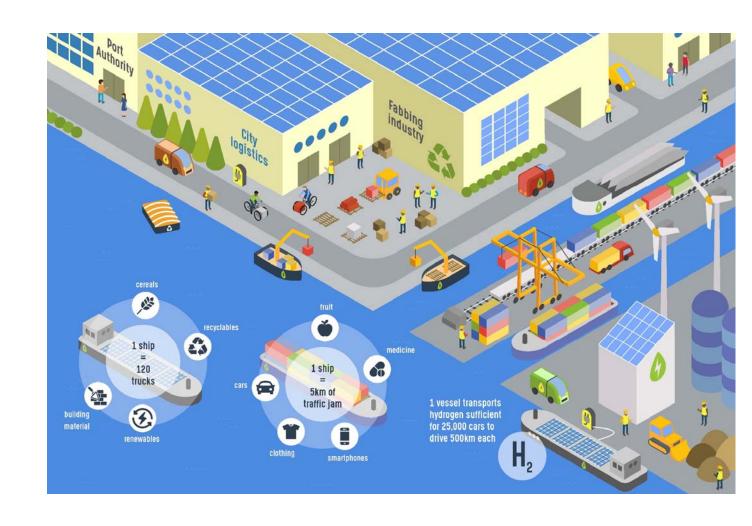




# Objectives of OPS deployment:

- Reducing CO2
  Emissions
- Improving Air Quality
- Increasing local acceptance of Inland Shipping

# **OPS Background**





# 2. European Context

### The European Green Deal

#### **AFIR**

- Core ports must install 1 OPS facility by 2025;
- Comprehensive Ports by 2030;

#### **TEN-T Revision**

Identifies the Core and Comprehensive ports





# 3. Challenges

#### Shore Side:

- Sector needs are very unclear
- Weak business case
- Attracting suppliers
- Lack of local funding
- Not a priority for energy grid managers
- Lack of harmonisation





# 3. **Challenges**

#### Users:

- Inland port mooring time 8hr or
  less → Weakens Business case
- No real OPS use obligation
- Difficult to incentivise
- Older vessels require upgrades
- Spatial Management





# 4. **Opportunities**

- Little harmonisation Can still be set
- CEF Support
- Avenues for corridor cooperation
- National policy priorities
- Already seeing success in cruises





# 5. What are ports doing?

- Current state:
  - 20% or less of all berths in Europe have OPS currently
  - Vary wildly
- Across EFIP: investment increasing massively
- Cooperation is increasing amongst ports as well
  - Dutch Studies
  - Rhone River ports
  - Seine River
- Already seeing new roll out



### 6. **Country**

#### - France:

- Strasbourg: First OPS facilities by 2024
- HAROPA: New 78 OPS by 2024
- Rhone River: Roll out of OPS till Marseille for cruise
- Basel: 8 OPS facilities planned 2024
- Germany: Most ports have minimum OPS however usage is low
- Austria:
  - Enns: 35 OPS locations
  - Vienna: 23 OPS locations
- Romania
  - Galati: 30 OPS locations
  - Braila: 10 OPS locations
- Bratislava: 46 OPS locations



## 7. **Conclusions**

- Profound challenges
  - Business case remains weak
  - Supplier and user uncertainty
  - National support is vital, priority
- Now is time to act
  - European priority and funding
  - Need to find partners
  - Look beyond our silos

