Shaping the smartPORT

Governance aspects in the Port of Hamburg
Shaping the smartPORT

01 Governance framework

02 Concept of the smartPORT

03 smartPORT project examples and governance issues

04 Taking influence on the rules
Hamburg Port Authority offers a “one-stop-solution”
The political embedding of HPA brings chances and challenges

**Chances:**

- Good interplay at the municipal level
  - (the harbour needs a stable backbone in the local and national political context)

**Challenges:**

- Keeping the balance between private and public actors and their interests
- *More market, less politics*
The responsibilities in the Port of Hamburg follow the typical landlord model

HPA provides and maintains the port’s infrastructure – private port companies the port’s suprastructure:

**Commercial Infrastructure**
→ financed by HPA:
  - Management and development of port area and quay walls for rent

**Public Infrastructure**
→ financed by the FHH and HPA:
  - Port transport network (road, rail, waterways) and bridges
  - Storm flood protection

**Suprastructure**
→ financed and operated by private companies such as HHLA, Eurogate:
  - Buildings
  - Warehouses
  - Industrial facilities
  - Containerhandling (gantry cranes, fork lift trucks, van carriers etc.)
The international Port of Hamburg has a complex regulatory framework

**Public International Law**
e.g. MARPOL; Hong Kong Convention on Ship Recycling; WTO, ISO regulations

**EU Law,** e.g.: Sulphur Directive; Ship Recycling Regulation; Alternative Fuels Directive

**Federal German Law,** e.g.: Planning Law, Environmental Law, Energy Law, Procurement Law

**Hamburg State Law,** e.g.: Act Establishing HPA, Safety and Security in the Port, Zoning Law

Regulation levels for HPA
We consider ourselves to be drivers and not to be driven
smartPORT is the answer to global IT-megatrends
Example: smartPORT energy Project „Alternative Energy Provision to Cruise Ships“

The Port of Hamburg has built the first land-based onshore power supply station for cruise ships.
Example: smartPORT energy Project „Alternative Energy Provision to Cruise Ships“
Example: smartPORT logistics project «Port Traffic Control Center»
We are developing information platforms for a more efficient harbour
…that brings new challenges to us

IT laws & protection of data privacy

New financing models

Design of the new terminal building
We are making the Port of Hamburg more intelligent – day by day – that convinces
The real challenge lies in integrating all modes of transport in one system.
Shaping the smartPORT vision means shaping governance frameworks.

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We are driving innovation and change
City of Hamburg – Calling at the smartPORT

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