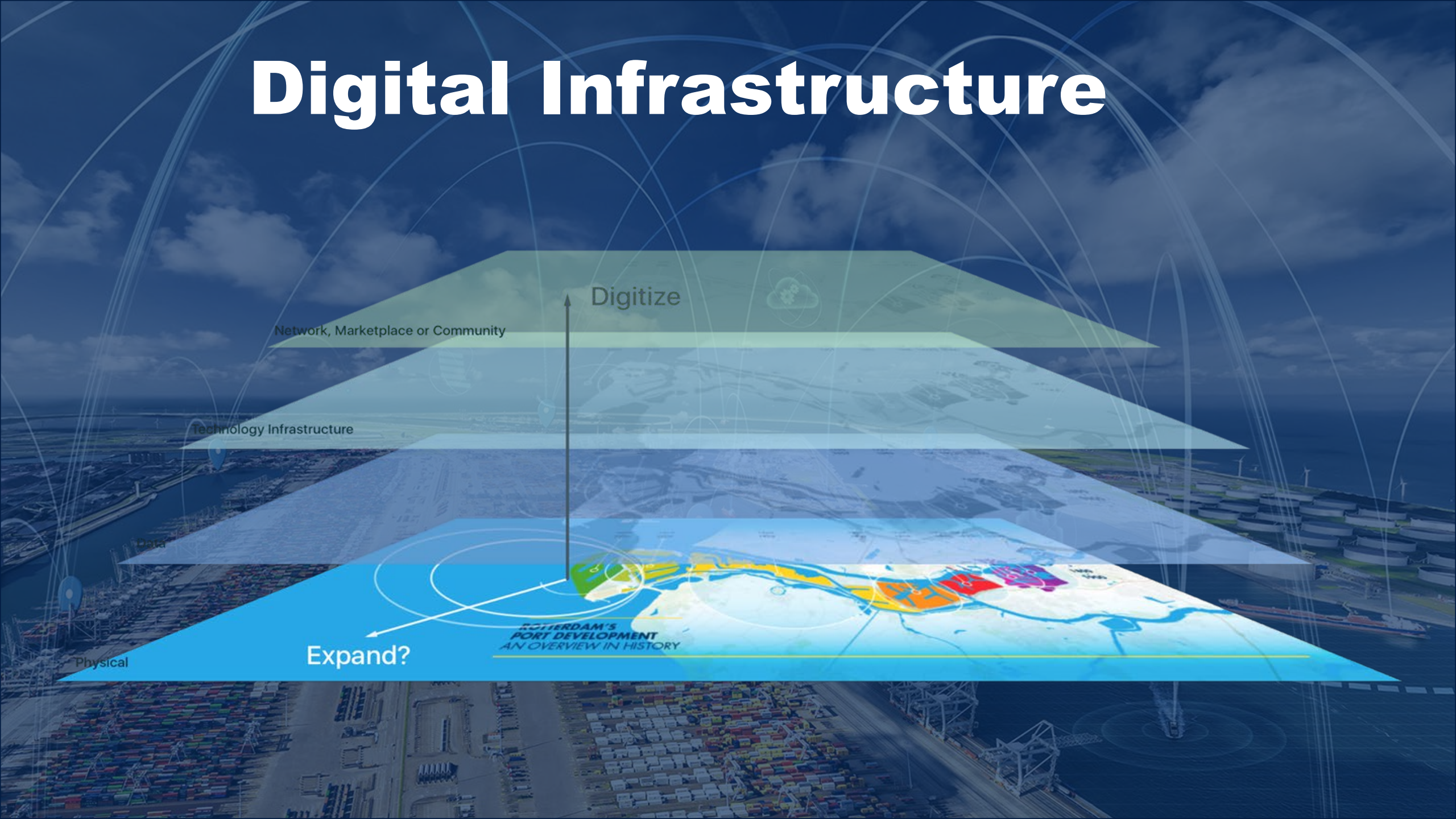


Digital Infrastructure



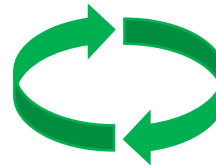
FROM LOCAL TO GLOBAL

WHY PLATFORM PLAY AND ECOSYSTEM THINKING SECURES FUTURE RELEVANCE



Rotterdam

- For over a decade, Port of Rotterdam has been developing its local digital infrastructure.
- A strong local digital infrastructure is a prerequisite for an attractive Rotterdam. Historically, we have been front-runners in developing our infrastructure, via:
 1. Port Community System (Data hub)
 2. Port Call Optimization
 3. Intra-port modality alignment
 4. Physical & Digital supply Chains
 5. Smart Infrastructure



World

- A local infrastructure only delivers upon its true value as the subset of a global digital trade infrastructure.
- **The port of the future functions as an ecosystem player within the global platform infrastructure, building from its local infrastructure**

CUSTOMERS DEMAND FROM PORTS TO ORGANIZE OURSELVES ON 4 LAYERS

Application



Foundation

PORT ECOSYSTEM STAKEHOLDERS

EXAMPLES, NOT LIMITATIVE

PoR Focus

PoR Focus

- (Digital) Port Consultancy & Participations
- Connect via Portbase International (NW EU)
- Collaborations & MoU's

- Port Call Optimization in Rotterdam
- Data standardization & interoperability for global optimization

Ports



Shippers & (Digital) Forwarders



Supply Chain

- Efficient, transparent & sustainable supply chains via Rotterdam

Carriers & Terminals



Ecosystem & Platform Play

Industry Bodies & Authorities



CALISTA

Data & Trading Platforms



Datashub Functionality

- Smooth data integration with platform players in Supply Chain & Trade Finance

- Define and set global standards related to Maritime and Supply Chain data definitions and interoperability
- Work with Dutch and foreign Authorities to facilitate seamless supply chain facilitation