



Is lack of trust the most important threshold
for better data sharing between chain partners?

Moving a container from A to B

> 30 different parties involved

> 200 communication interactions

Paper-based supply chains



> 99%

of freight transport
operations within EU still use
paper documents

Poor supply chain efficiency

A wide-angle photograph of a busy container port at sunset. The sky is a deep blue, transitioning to orange and yellow near the horizon. Several large green gantry cranes are positioned along the pier, some with their jibs extended over the water. In the background, several container ships are docked or moving through the water. The overall scene is industrial and captures the scale of global trade.

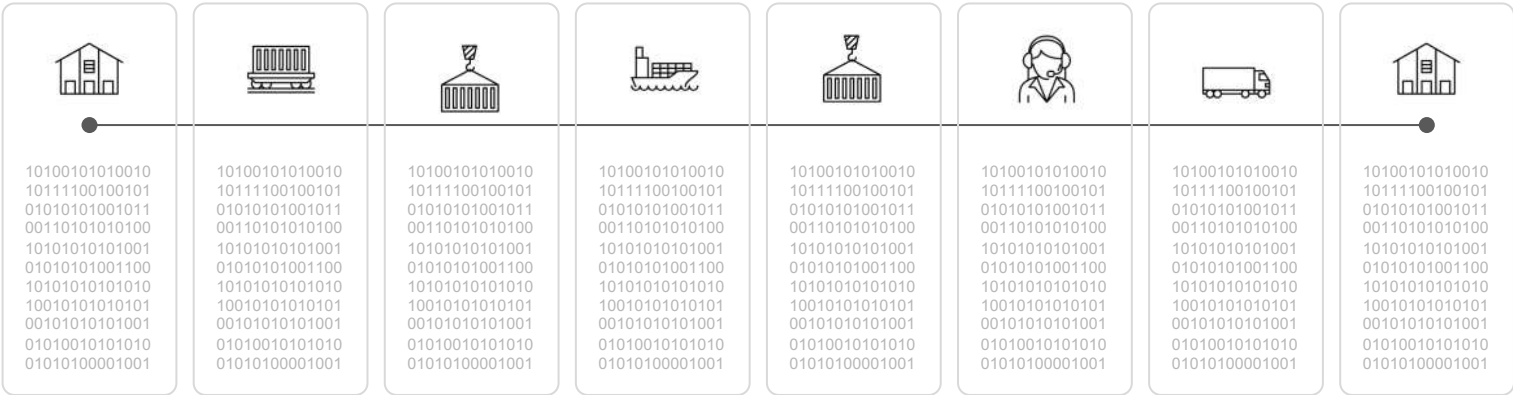
Up to **50%** of the cost of moving a container is related to paperwork

Terminal reposition a container

4 to 5
times

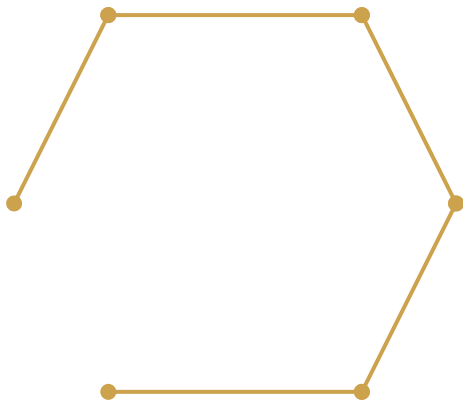
1 out of 4
trucks is driving empty
on our highways

Current information flow: Interconnected data silo's



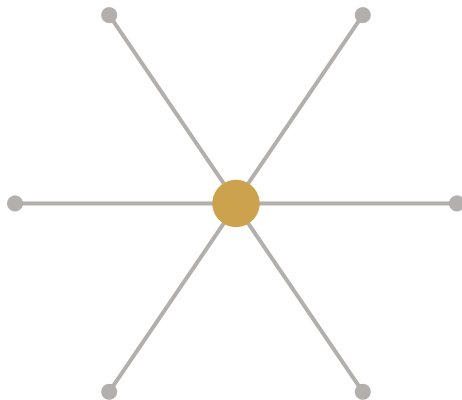
Optimized company operations resulting in a sub-optimized E2E supply chain

Sequential



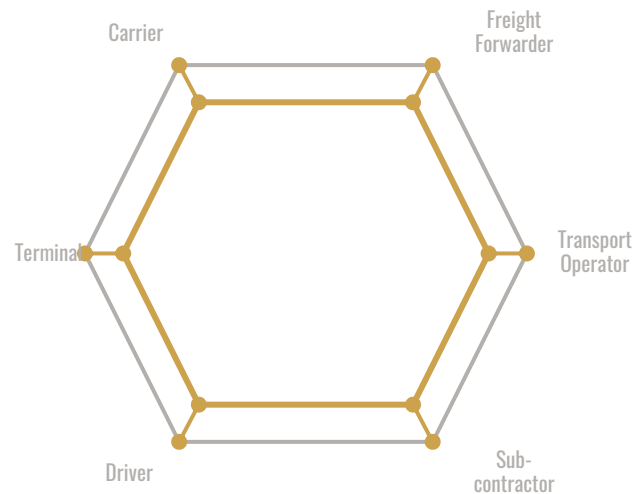
Email, EDI, ...
point-to-point
highly cost-inefficient

Centralised



Cloud platform
point-to-many
trust in middleman

Decentralised



Blockchain network
peer-to-peer
trusted collaboration

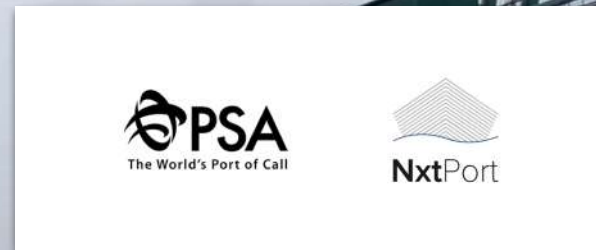
Physical Flow

Smart Container Release

today a terminal needs to
reposition a container

4 to 5

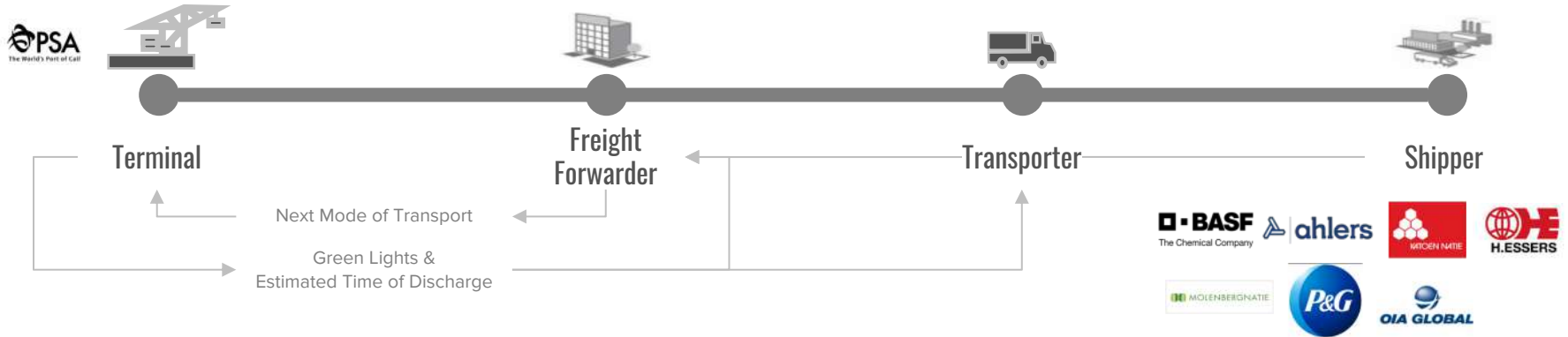
times before releasing it



Physical Flow

Smart Container Release

Exchanging data at transaction level with a neutral platform results in a more efficient business process



Discussion

1. How can better data-sharing make supply chains more efficient?
2. What is stopping companies from sharing data with other partners in the chain?
3. Why is trust one of the most important issues when data-sharing is involved?
4. How can technology help by providing trust?
5. What are the learnings and pitfalls in the implementation of decentralized data-sharing solutions in supply chains?

Our vision for the future of blockchain

We are here

Optimize
business processes

next 1 to 3 years

Re-imagining
value-chains

next 3 to 5 years

Create
new markets

plus 5 years