



Blockchain

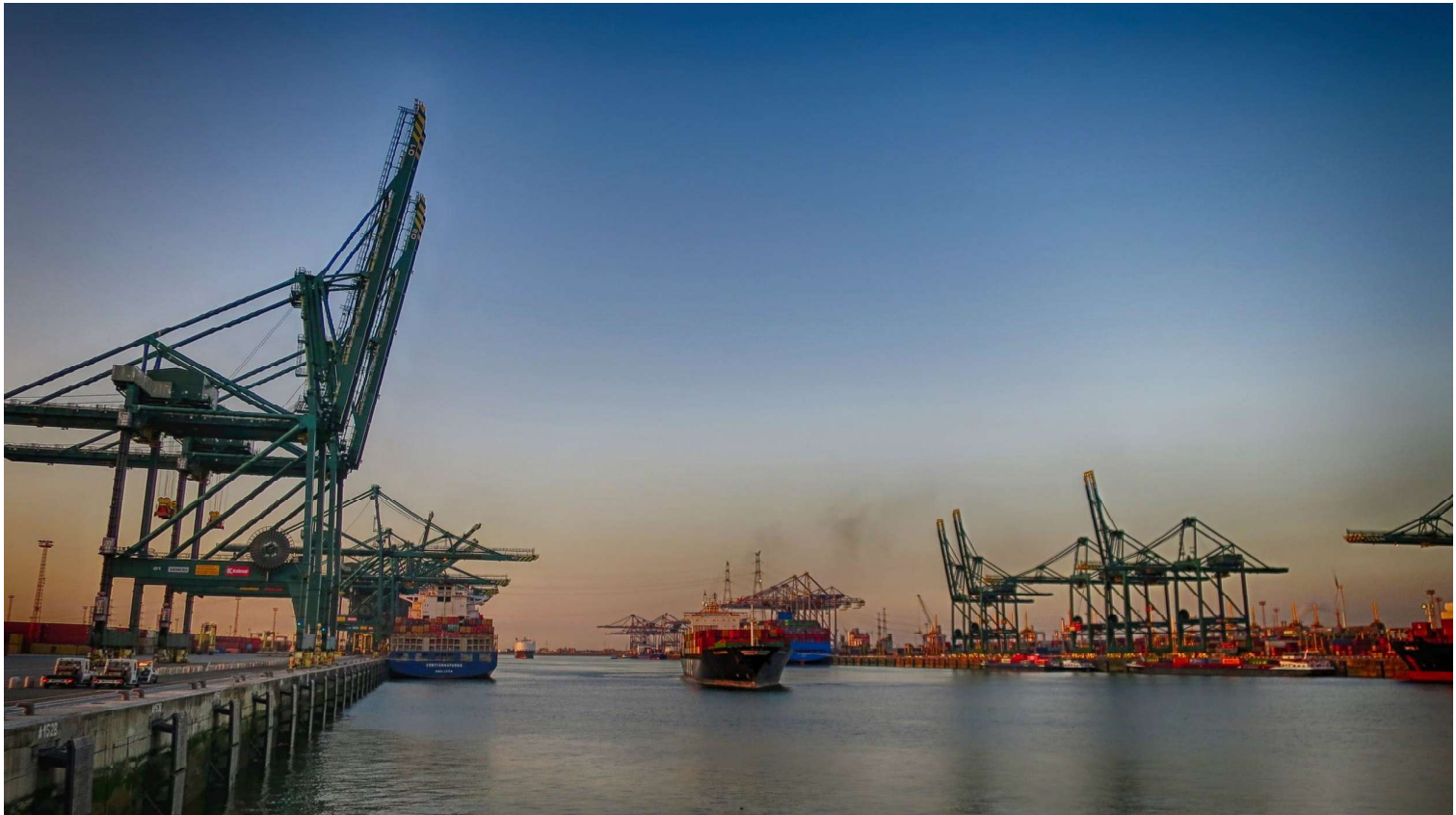
improving trust, traceability,
and fraud prevention
in maritime logistics



T-MINING

BLOCKCHAIN
LOGISTICS

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Moving a container from A to B

> 30 different parties involved

> 200 communication interactions

source: NYT March 4, 2017; Forbes March 5, 2017

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Poor efficiency
due to a lack of trust

1 out of 4
trucks is driving empty
on our highways

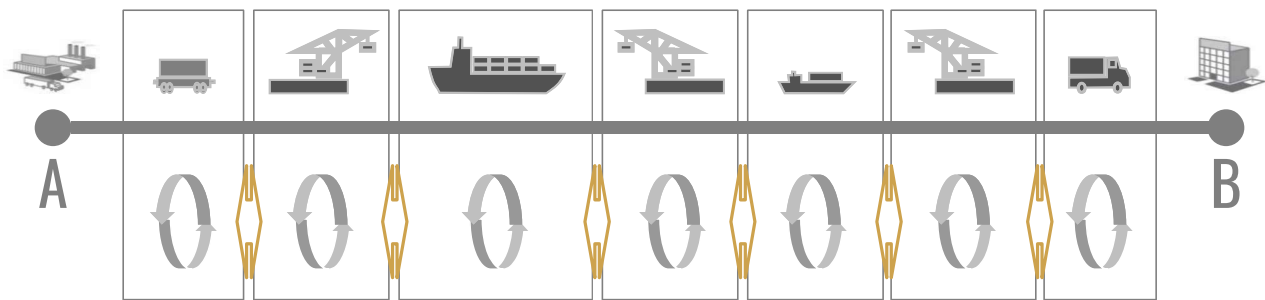
Up to 50% of the cost of
moving a container is related
to paperwork

Terminal reposition
a container
4 to 5
times

source: NYT March 4, 2017; Forbes March 5, 2017 & customer meetings

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Current information flow: Interconnected data silo's




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Credibility

administrative cost of
€8 billion
related to processing of
freight transport documents
in the EU

source: EC proposal on electronic freight transportation information, 2018

Secure Document Workflow





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Fraud prevention

30 tons of narcotics
found in the Port of Antwerp
in 2017

Secure Container Release



source: De Standaard, 2017

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Traceability

today a terminal needs to
reposition a container

4 to 5
times before releasing it

Chainwise collaboration



source: management estimates

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The market for blockchain solutions is still nascent

**Our
Framework**
makes blockchain
pilots scalable



**“Coopetition
Paradox”**
learning how to
cooperate as
competitors

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Challenges for blockchain pilots

**Create the
consortium**

**Find the
use case**

**Govern the
network**

Thank you



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