

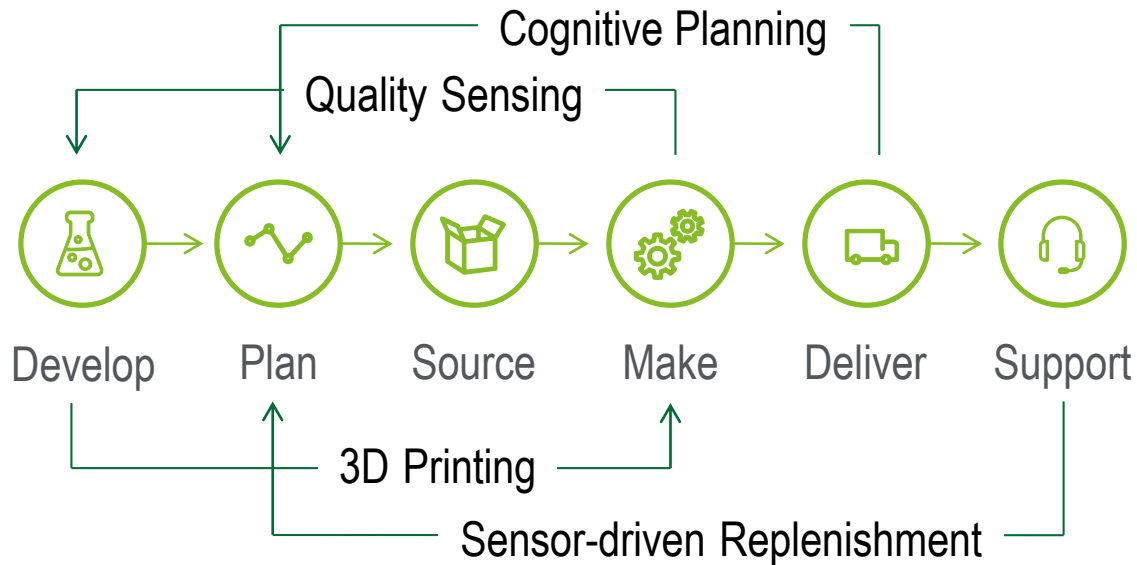
# Keynote #4

# Keynote #4 | Open Source Data

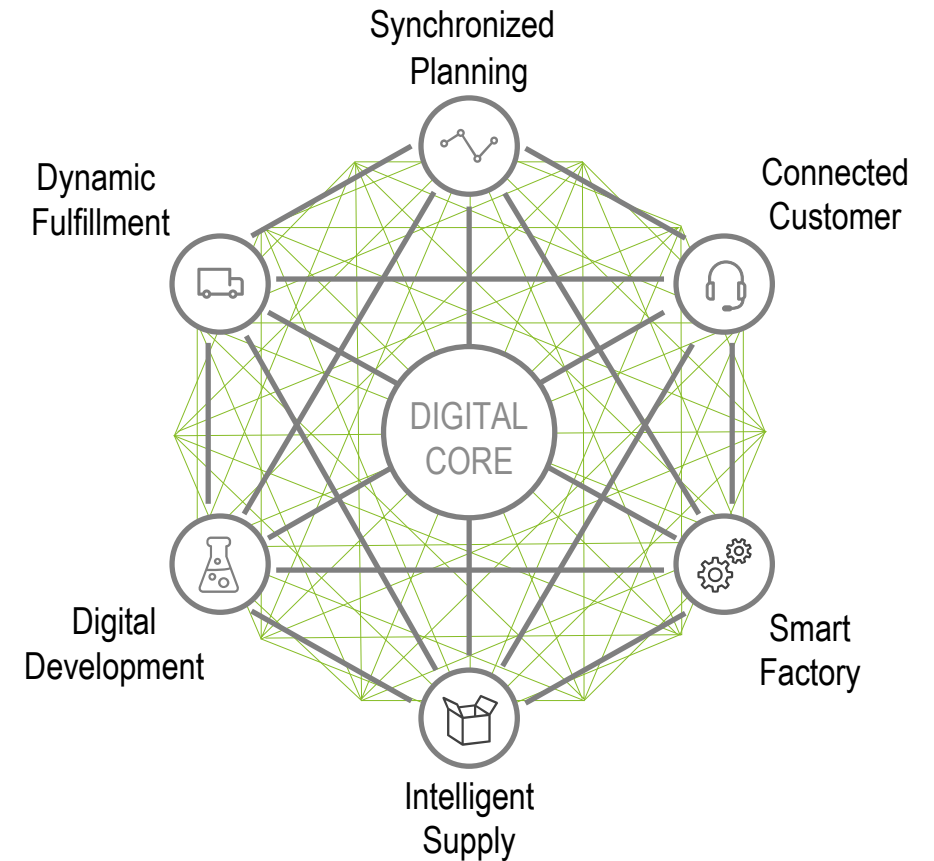
Leveraging a shared technology platform as the new oil to fuel SC Collaboration

Moving away from **static supply chains** towards **agile supply networks**

## TRADITIONAL LINEAR SUPPLY CHAIN



## DIGITAL SUPPLY NETWORKS





## Karel Van den Berghe

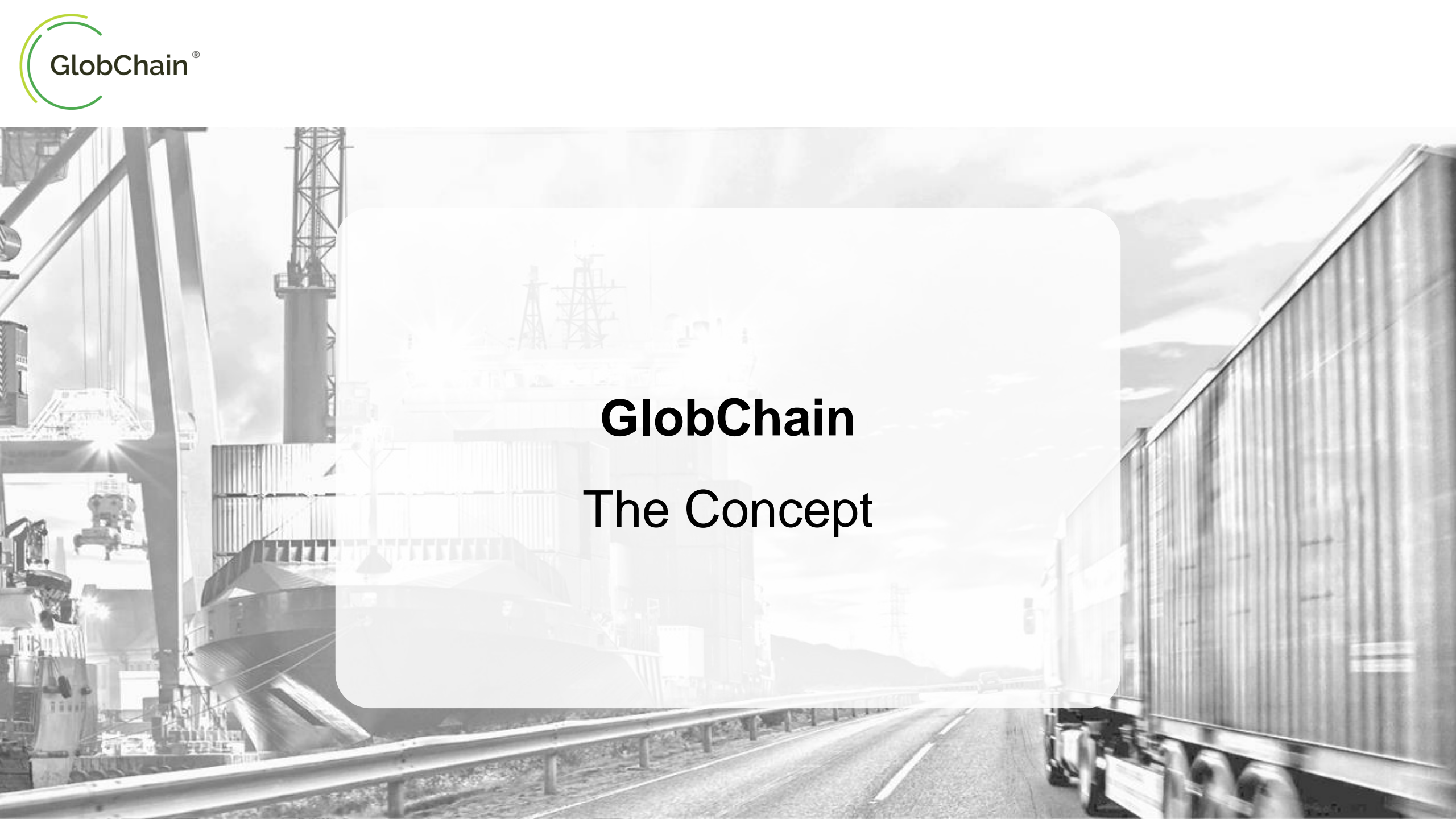
Founder and CEO, GlobChain (Globis)

# Passionate about

*Creating meaningful insights by means of data analytics across the Supply Chain*



Leveraging a shared technology platform as  
the new oil to fuel supply chain collaboration

The background is a grayscale composite image. On the left, a large cargo ship is docked at a port, with a gantry crane visible. On the right, a multi-lane highway stretches into the distance, with a large semi-trailer truck in the foreground. The sky is overcast with soft clouds.

# **GlobChain**

## The Concept



**End-to-End Supply Chain Optimization**

Efficiency

Agility

Sustainability

**Beyond Line-of-Business Applications**

When ERP/WMS/TMS alone  
Is not enough

**Data Driven**

Data is fuel for Intelligence  
New Technologies are the Motor

**Co-Creation**

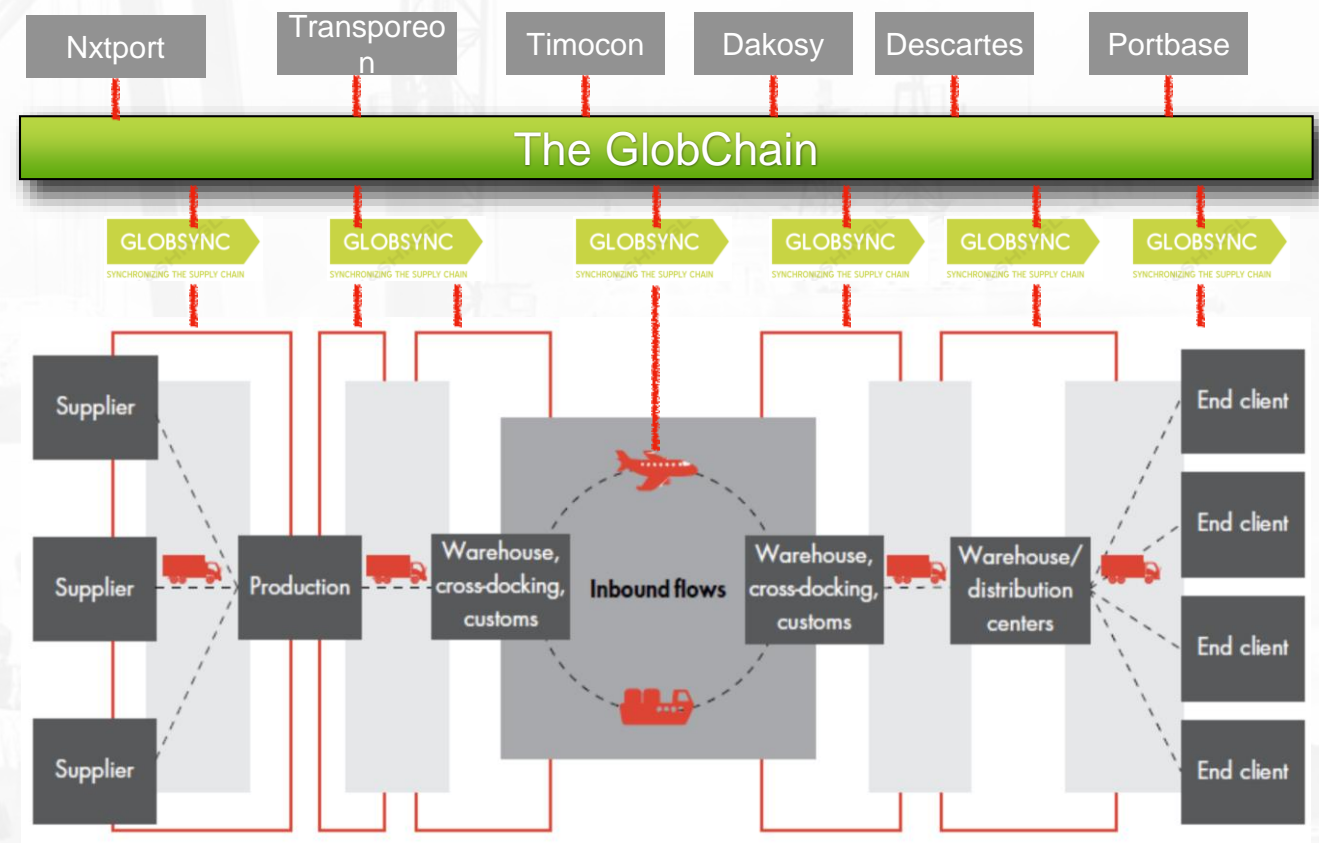
Globis can't do this alone..  
Synergy at work!!

**De-centralized**

Network with Nodes that communicate  
intelligently

**Cross Sectoral Technology Transfer**

Looking beyond common supply chain  
Practices and technologies



Data Lake



GlobLearn



GlobSearch



GlobTrace

Data Services





The background is a grayscale composite image. On the left, a large cargo ship is docked at a port with a gantry crane. On the right, a long line of semi-trailers is parked on a highway. In the center, a semi-transparent white rounded rectangle contains the text.

# Use Case Sany Group

## Logistics Service Provider

- Value added logistics
- Containertransport
- Renting
- Forwarding
- Customs
- Supply chain solutions
- Bonded warehousing

## Group of Companies



## Multi-Modal





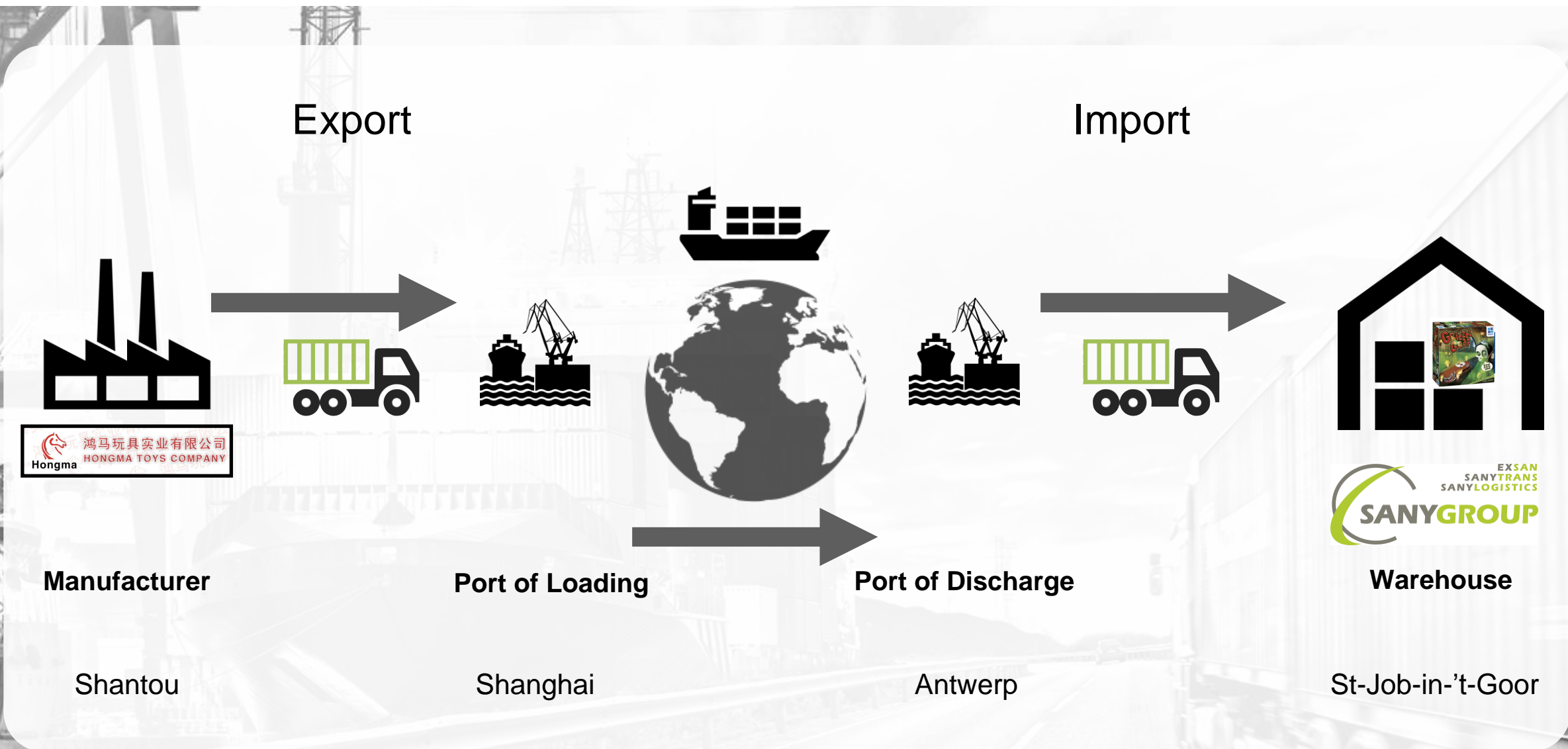


 鸿马玩具实业有限公司  
HONGMA TOYS COMPANY

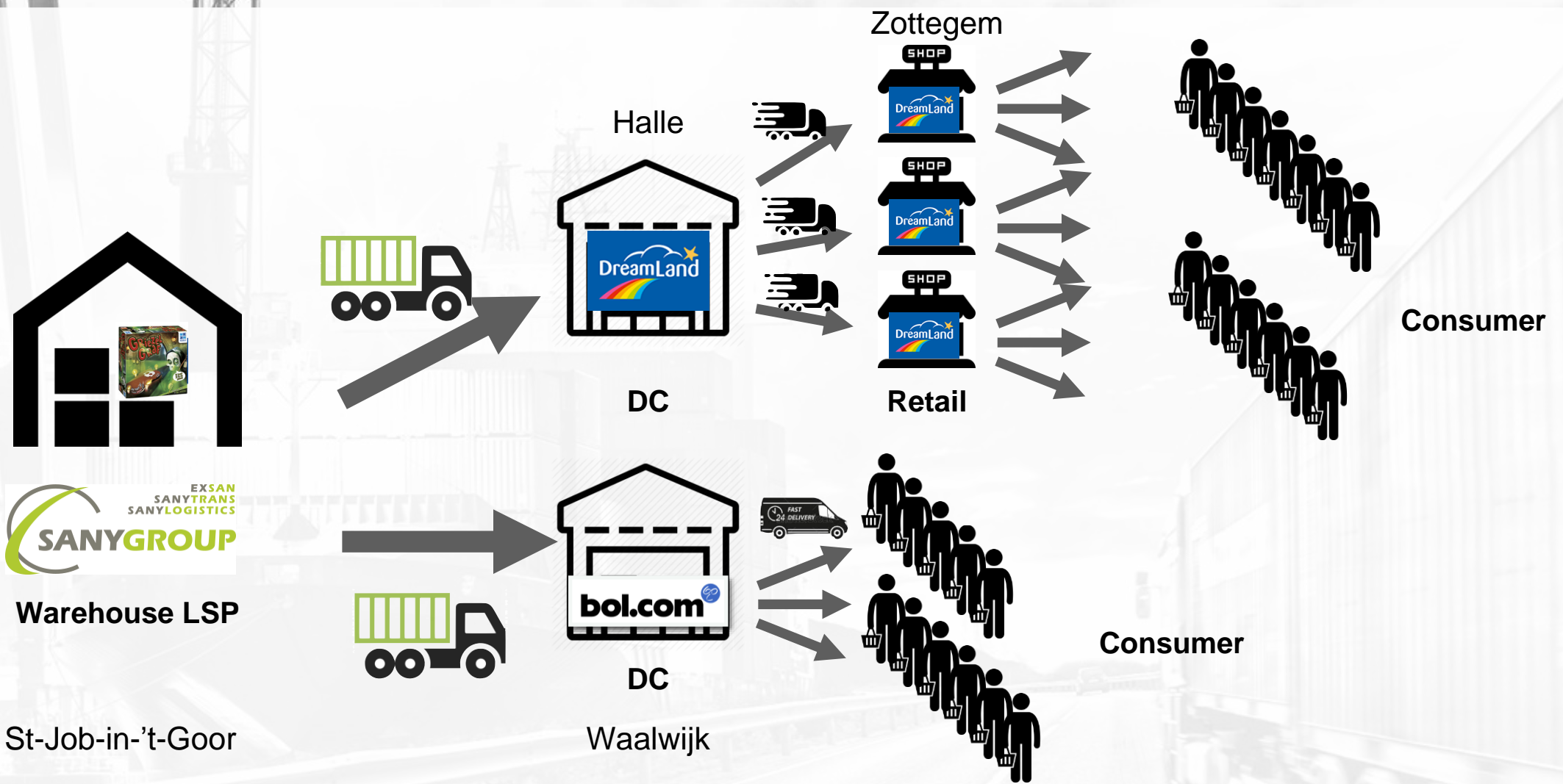


 MEGABLEU











*Forwarding*

*Transport, Warehousing & Distribution*





Vendor

Market

Product

Price

Source

Stock

Distribute

Customer

Manufacturer

Logistics Service Provider



Local Agent (PoL)

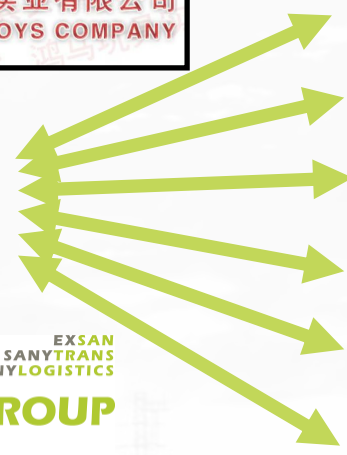
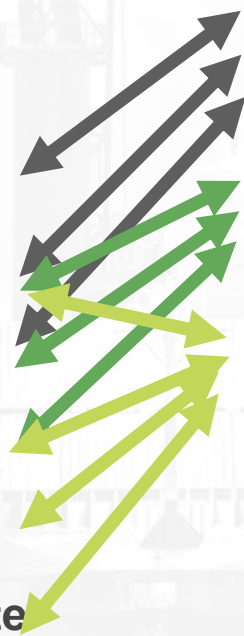
Shipping Company

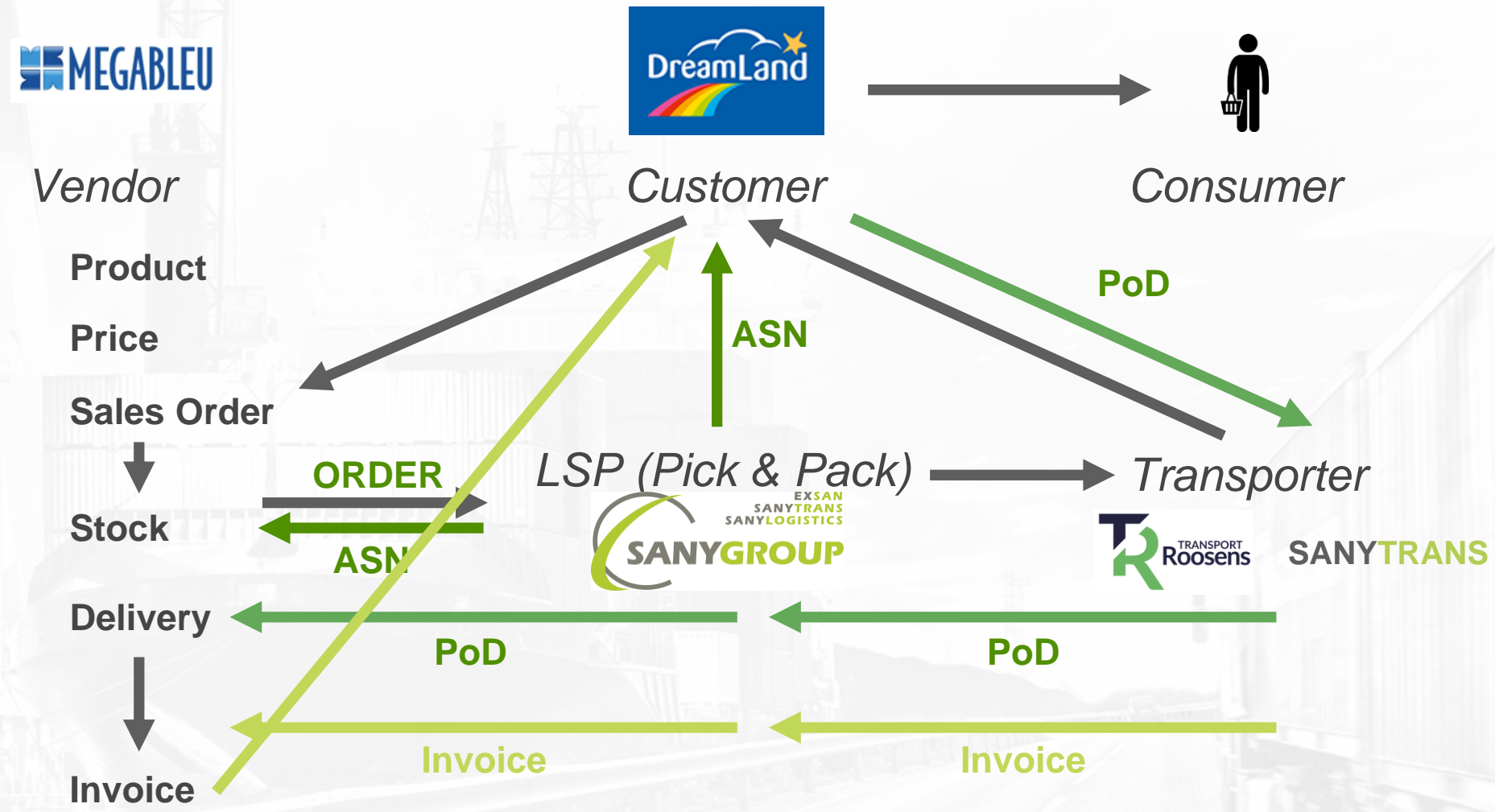
Port Authorities

Customs

Container Terminal

Transporter





## *Efficiency*



**Data & Document duplication**

**Peer-to-peer interfaces**

**Optimal stock levels (working capital)**

**Optimal resource utilization**

**Wait times reduction**



Manufacturer

Port of Load

Shanghai

Warehouse

DC

DC

Consumer

Shantou

Shanghai

Antwerp

St-Job-in-'t-Goor

Waalwijk

Brakel

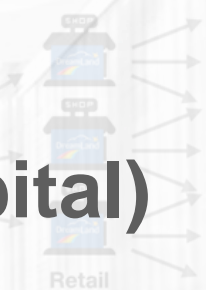
Brakel

Zottegem

Halle

Retail

Consumer



SANYGROUP

bol.com



# Agility



Response time to market changes

Work customer centric

Make use of market opportunities



Manufacturer

Shantou

Port of Loading

Shanghai

Port of Discharge

Antwerp

Warehouse

St-Job-in-'t-Goor

DC

DC

Waalwijk

Retail

Consumer

Zottegem

Brakel

Brakel



# Sustainability



CO2 Reduction

Transparancy

Chain of Trust

Proof of work



Manufacturer

Shantou

Port of Loading

Shanghai

Port of Discharge

Antwerp

Warehouse

St-Job-in-'t-Goor

Halle



DC



DC

Waalwijk

Zottegem



Retail

Consumer

Brakel

Brakel

# Putting the Pieces Together



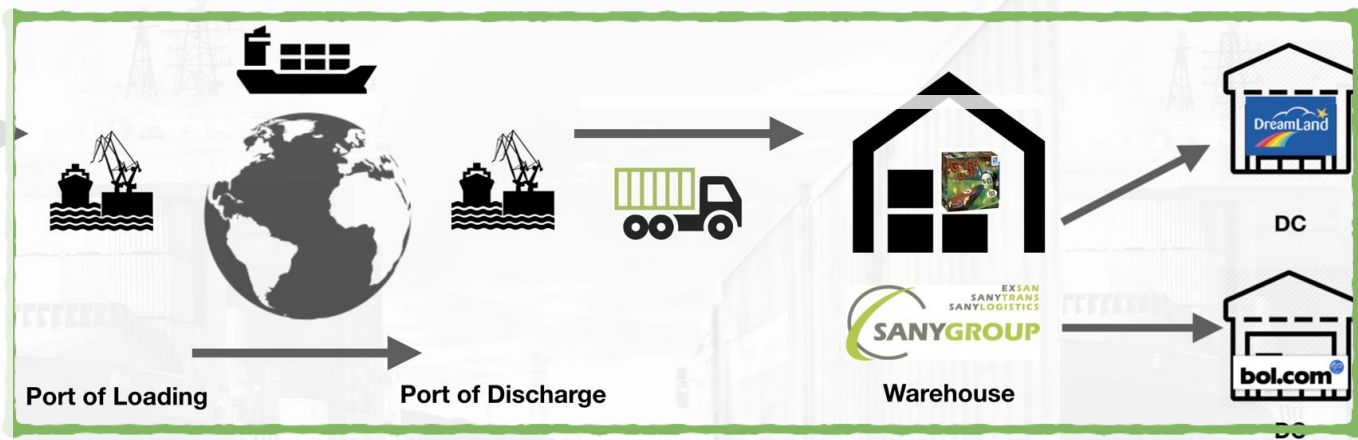


**GlobSync**

by




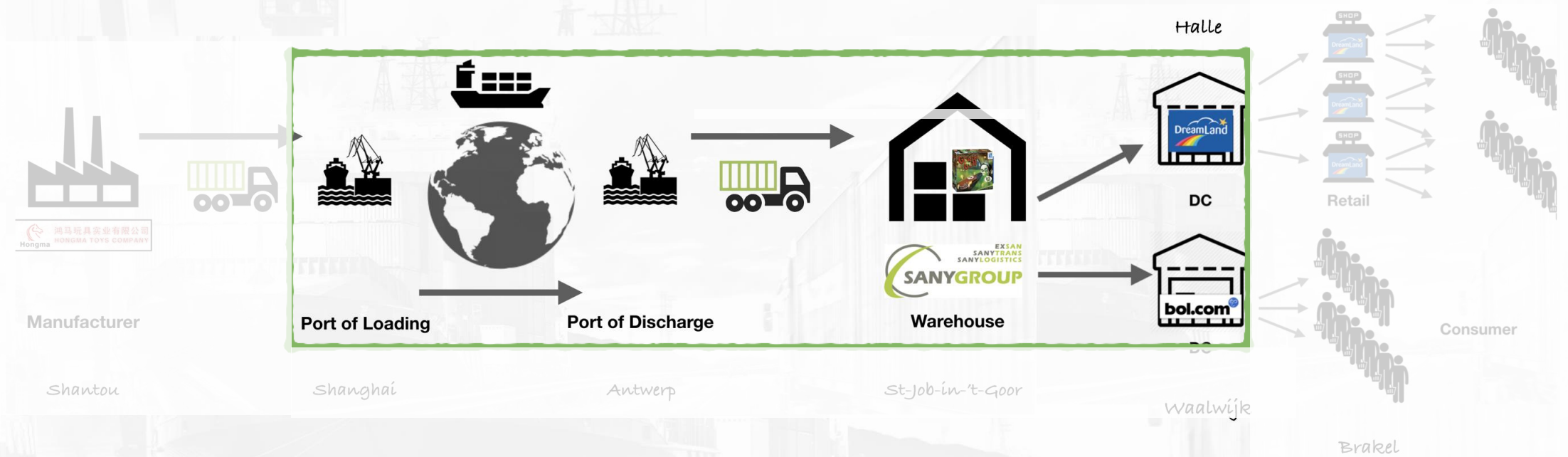
Manufacturer  
Shantou



Shanghai      Antwerp      St-Job-in-'t-Goor      waalwijk      Brakel

**Next Generation ESB for the Supply Chain**

GlobSearch by 



# Un-seen Data Discovery - Google 2.0 for the Supply Chain

**GlobMine**

by

**CROSSROAD**

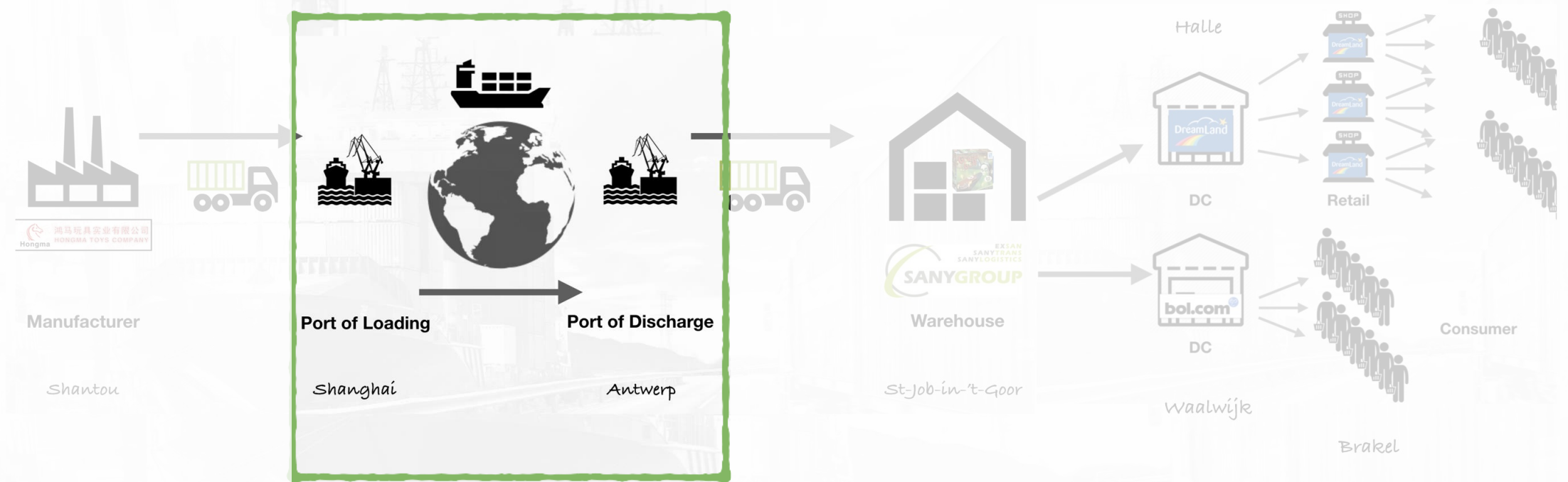


**Process Mining make inefficient process visible**



**GlobTrace**

by **LOGIT ONE**

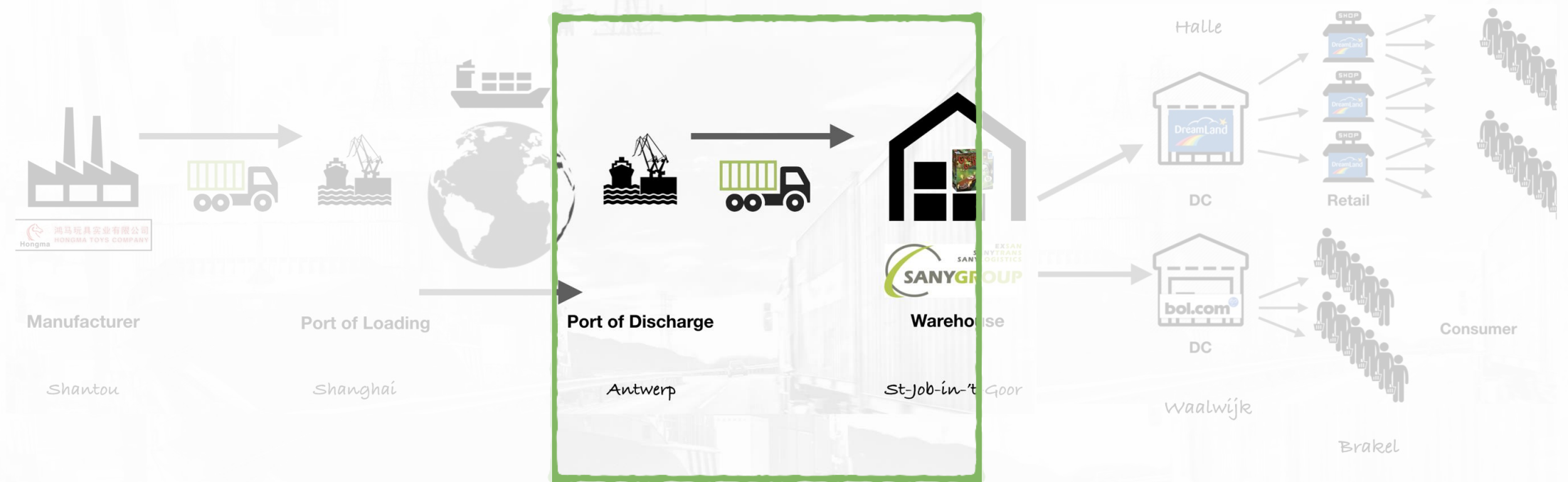


**ETA's with un-seen accuracy**

**GlobLearn**

by

**MOVETEX**  
Move To Excellence



# AI-Powered Planning Optimization for Container Transport

**GlobScan**

by



**Next Generation Warehouse Management**



# GlobView

by



## Accurate Demand Forecasting through Data Analyses

- **Devide in Teams**
- **Each Team creates Solution Design and Technical Designs**
- **Globis participates, coordinates and reports on progress of all teams**
- **Building, developing should start June 1st**
- **Working solutions by September 15th**
- **Group presentation of solutions by September 31st**
- **Design & planning of Integration of all components ready by October 15th**
- **Delivery of integrated end-to-end solution by November 15th**

• ...



The background is a grayscale collage of industrial and transport-related images. On the left, there's a view of a bridge's steel structure. In the center, a large industrial facility with multiple towers and pipes is visible. On the right, a long line of shipping containers is shown, with a truck in the foreground. The overall scene is set against a cloudy sky.

# About Globis



*A groundbreaking software platform  
for supply chain management and execution*

*brings*

- Agility
- Efficiency
- Sustainability

*To*

- Manufacturers, Traders, Logistic Companies
- End-to-End Supply Chain Actors
- Across all Modalities

*By*

- Future-proof & Comprehensive Software
- Data-driven decision automation
- Building & Integrating Supply Chain Networks

*A groundbreaking software platform  
for supply chain management and execution*



import - export



manufacturing



warehousing



distribution



retail

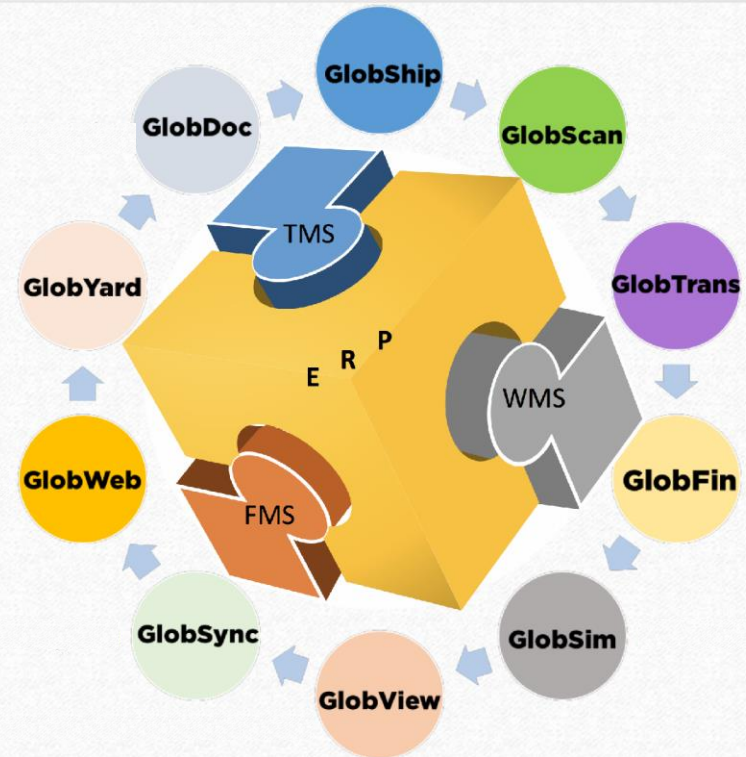
	ERP	WMS	TMS	FMS
Strategic Planning	✓	✓	✓	✓
Operations Management	✓	✓	✓	✓
Execution	✓	✓	✓	✓




## Solutions



## Products + Add-ons





Technology is the true game changer in the Supply Chain and Globis is taking the center stage in it.