



MIXMOVE

Trade Facilitation and the Physical Internet

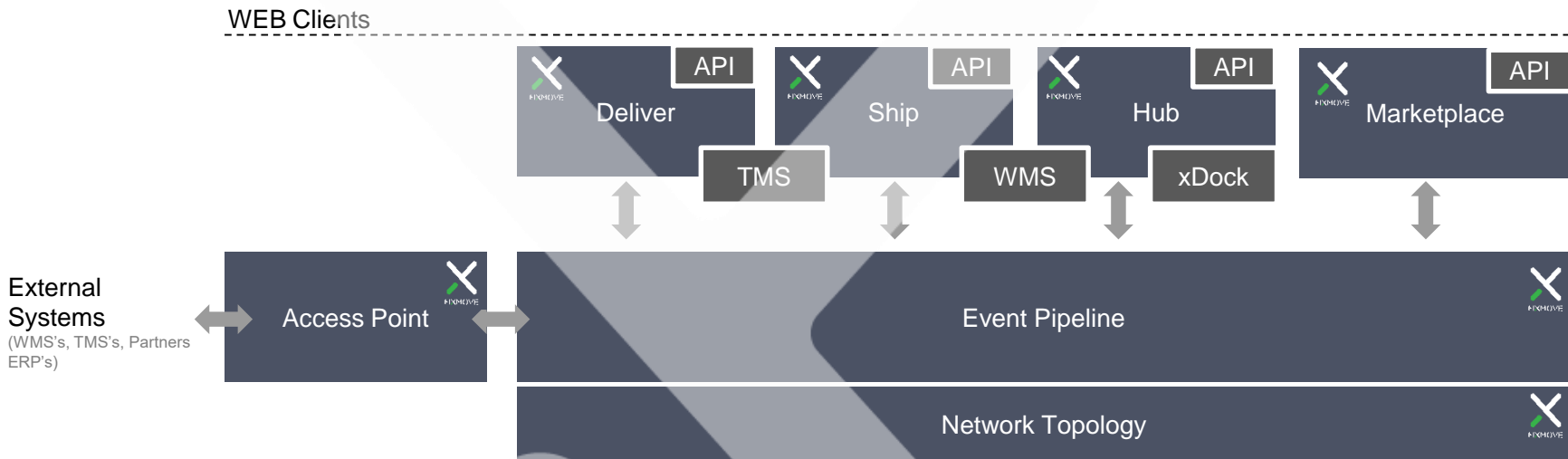
www.mixmove.io



Agenda

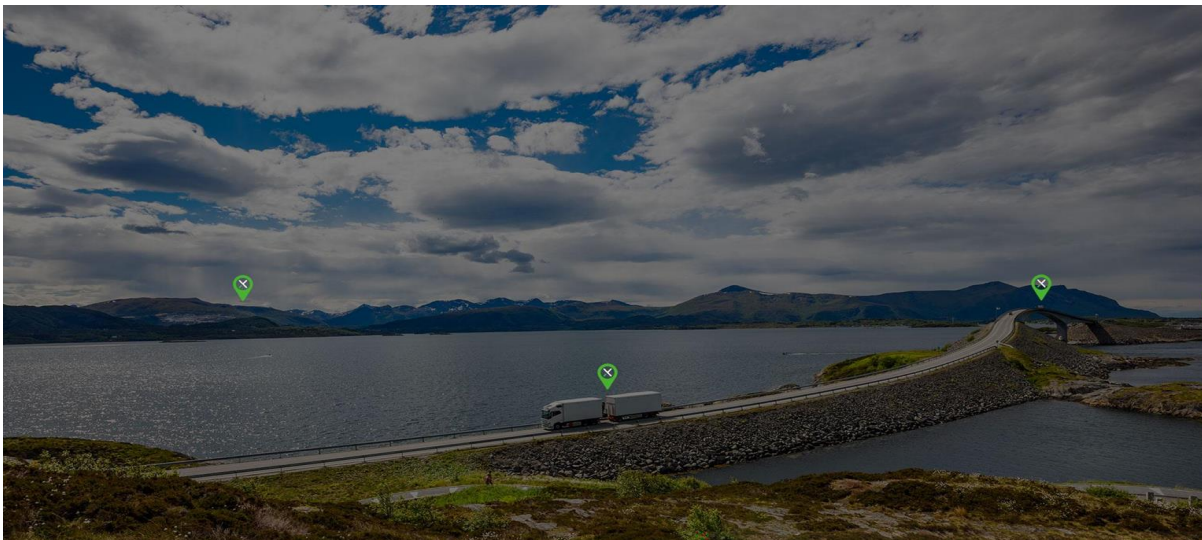
- What are we doing today providing interconnectivity
 - Acquiring & Sharing Information
 - Managing Identification
 - Operational Efficiency
 - Planning + Execution tracking
- Future: PI service Provider
 - Our Ambition
 - Key Mechanisms to be put in Place

MIXMOVE OVERVIEW



Acquiring & Sharing Information

- Map information from existing systems to a common event repository
- Provide a single combined view over Planning and Execution
- Share documentation
- Coordinating and Capturing execution





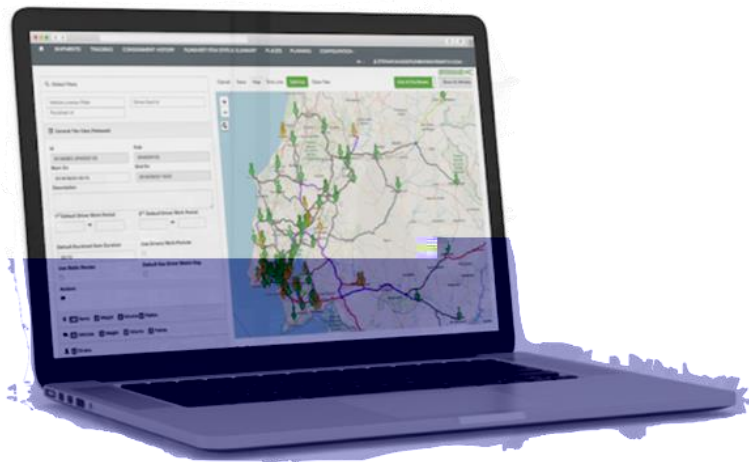
Managing Identification

We create digital representations of all physical objects and keep them updated

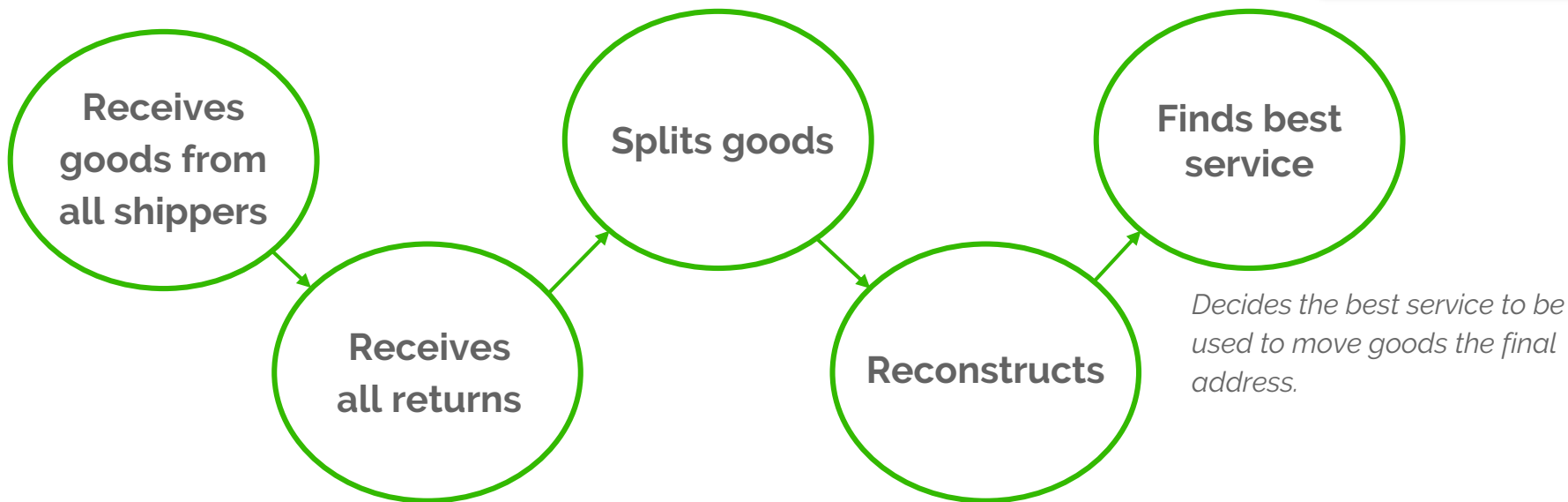
- Identifying uniquely Transport Units, shipments and consignments from source
- Relate all planning and events to the same identifier is key to end-to-end visibility

Planning + Execution and tracking

- Tracking against a plan is the only truly useful tracking
- Capacity to adjust the plan according to the captured tracking is key
- We are capturing events from a multitude of sources and confronting them to the plan
- Automate routing decisions based on situation awareness and artificial intelligence



The Hub is Key



To maximise use of any vehicle or logistics unit

- Long hauls
- Last mile



**Based on this MIXMOVE we
are delivering highly
effective solutions**

3M outsourced the service but owned the process

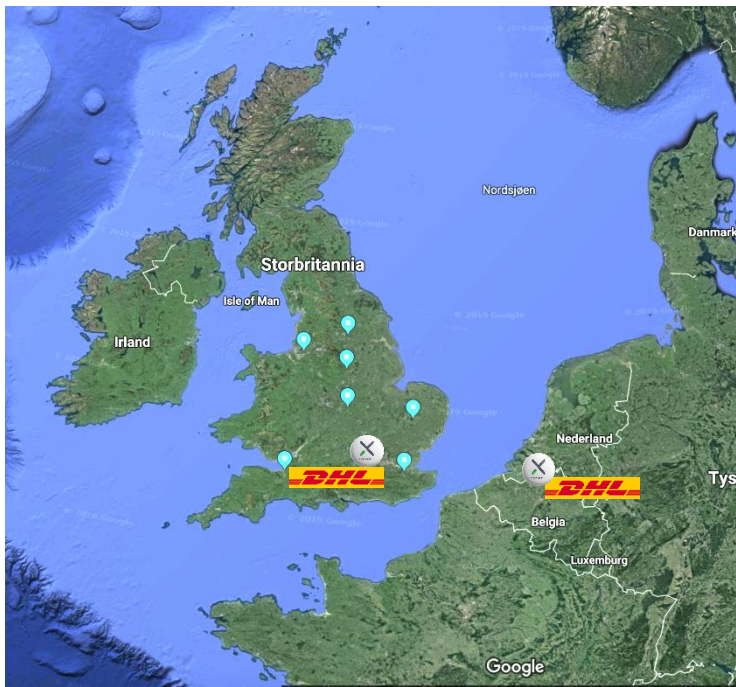


MIXMOVE Smart City Hub

- Consolidating and moving cargo from multiple shippers
- Storing cargo for shops when needed
- Moving goods originating in the city for onward transportation



The NHS Dedicated Shipment Channel



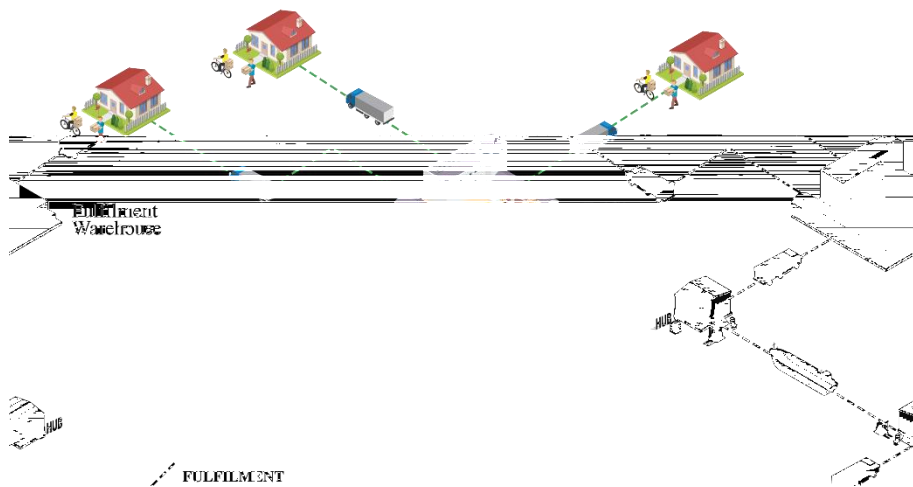
- 220 + suppliers registered
- A dedicated airfreight and ferry shuttle from Belgium to the UK,
- MIXMOVE handles:
 - Service booking
 - Labeling
 - Execution management
 - Full Visibility
 - Consolidation



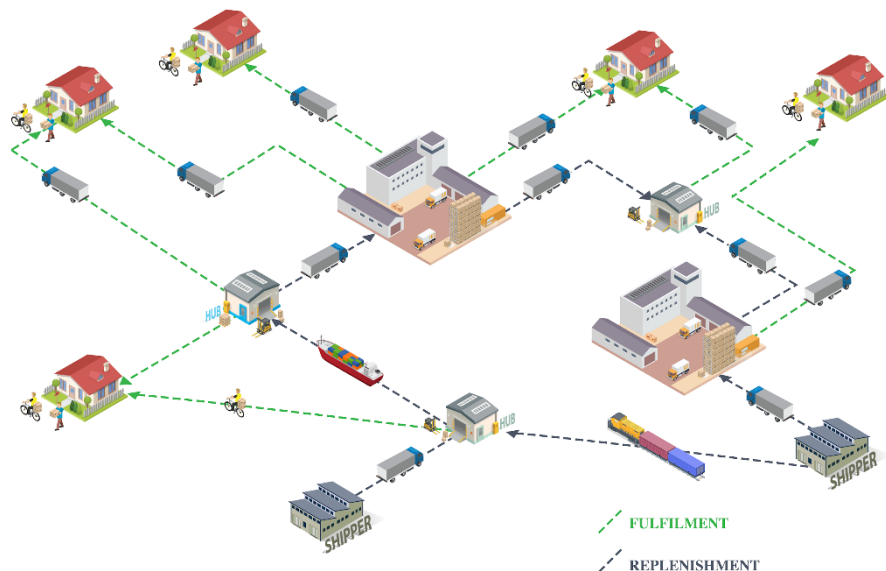
MIXMOVE

Fulfillment as a Service

Today - Fulfillment



FAAS of tomorrow



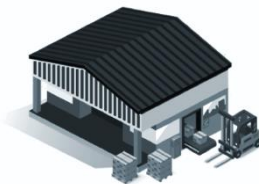
Benefits and results

SHIPPER



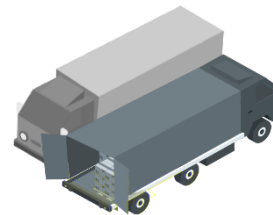
- Up to **35%** increase in Supply Chain integration
- Up to **30%** reduction in Freight Charges
- Up to **50%** reduction in Carbon Footprint
- Up to **25%** increase in Forecasting Accuracy
- Up to **20%** reduction in Inventory Cost
- Up to **10%** reduction of the Workforce
- Increased Customer Satisfaction

HUB

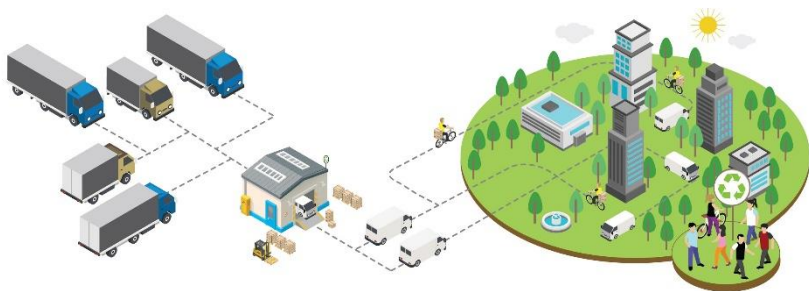


- Up to **140%** increase in Productivity & Throughput
- Up to **50%** reduction in Hub Space
- Up to **50%** reduction in Emergency Hiring
- Up to **140%** reduction in Costs

CARRIER



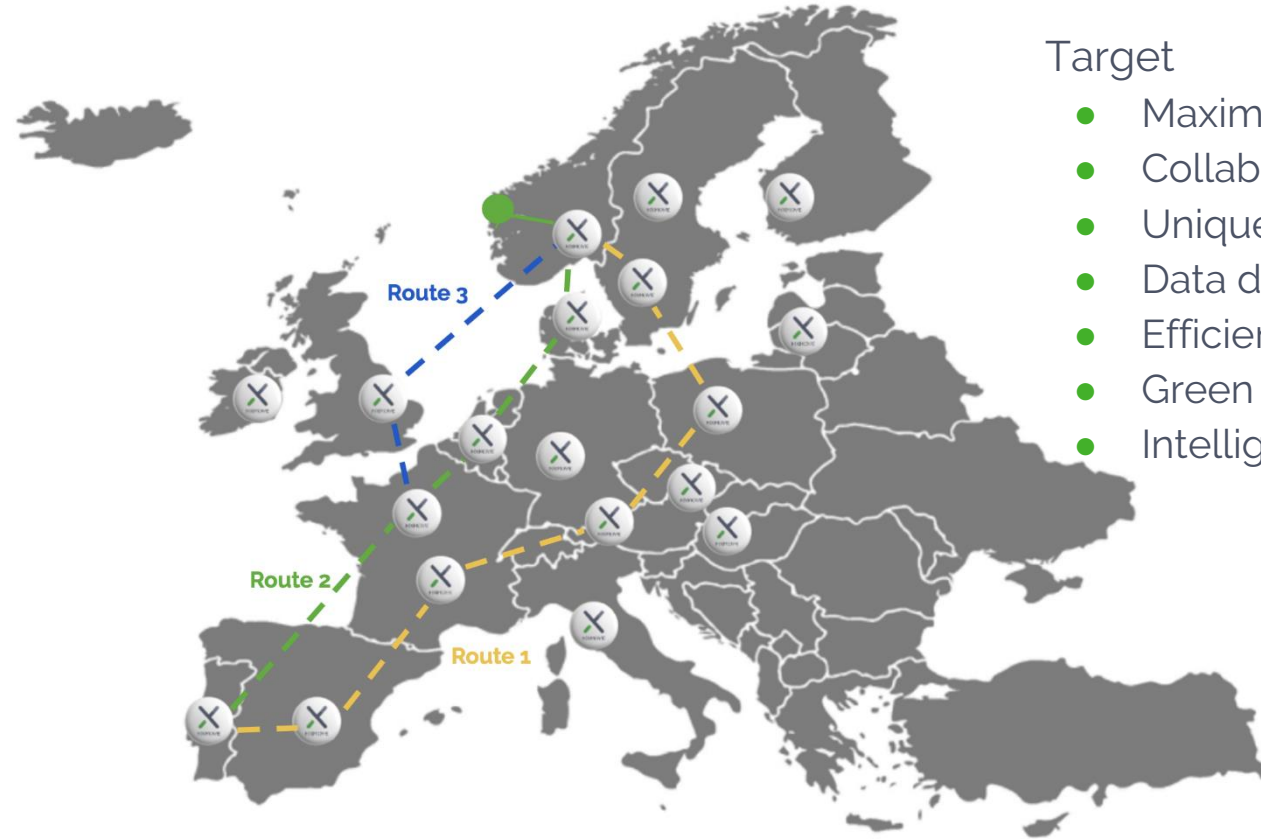
- Up to **50%** increase in Truck Fill Rates
- Up to **50%** reduction in Carbon Footprint
- Increased Management Capabilities
- Increased Margins
- Up to **15%** reduction in Distances Travelled
- Increased Customer Satisfaction



SMART CITY LOGISTIC

- Easily integrated with all Cargo Owners
- Execution Management (*e.g manage pick-ups, cross-docking, handle shipments, schedule and notify clients, manage deliveries, manage returns*)
- Cargo Consolidation
- Collaboration between logistic networks

"First Generation" Physical Internet




Target

- Maximize available capacity
- Collaboration - Sharing
- Unique ID on Parcel Level
- Data driven Logistic
- Efficient
- Green Logistic
- Intelligent supply chain



BUT... we still need to build integration with each party or with the aggregator each provider is connecting to

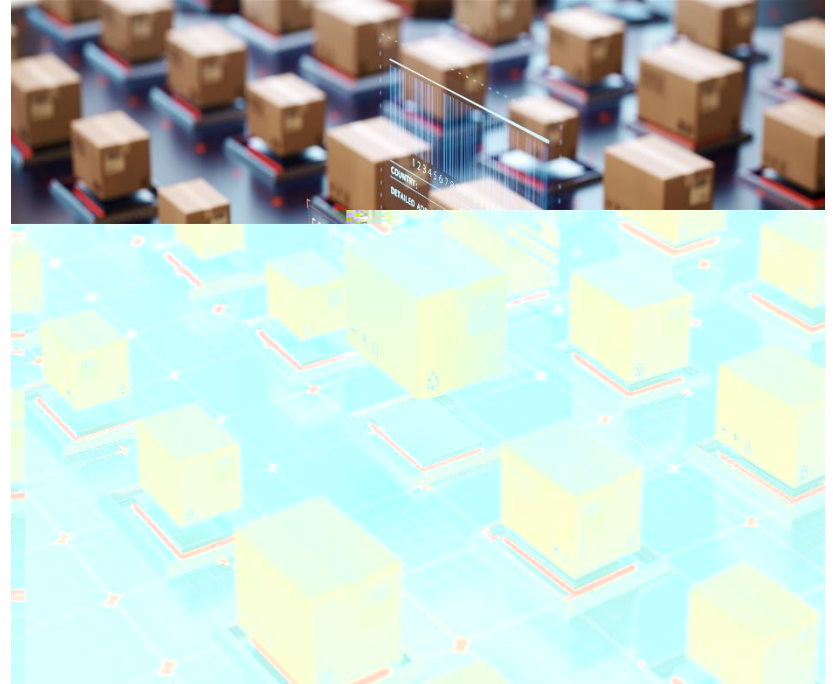


**Our Ambition is to become one of the
leading Physical internet service
providers**

***Allowing our customers to cooperate without
forcing their partners to make the same choices***

Pi Platforms should be like an ISP

- Together Establishing a physical world wide Web
- Each company should be able to choose its PI provider and be able to participate in a supply chain regardless of their partners choices



Key Mechanisms to be put in Place

- Standardization
 - Reference Domain Models (hubs, transport units, services, ...)
- Open Architecture Model,
 - Federated and Globally Addressable
 - Secure
 - Independent from Semantics or Applications
 - Independent from Vendor or Provider
 - Simple and Easy to Use



Interested in a conversation about our
solutions and views?

Let's connect



NIXMOVE