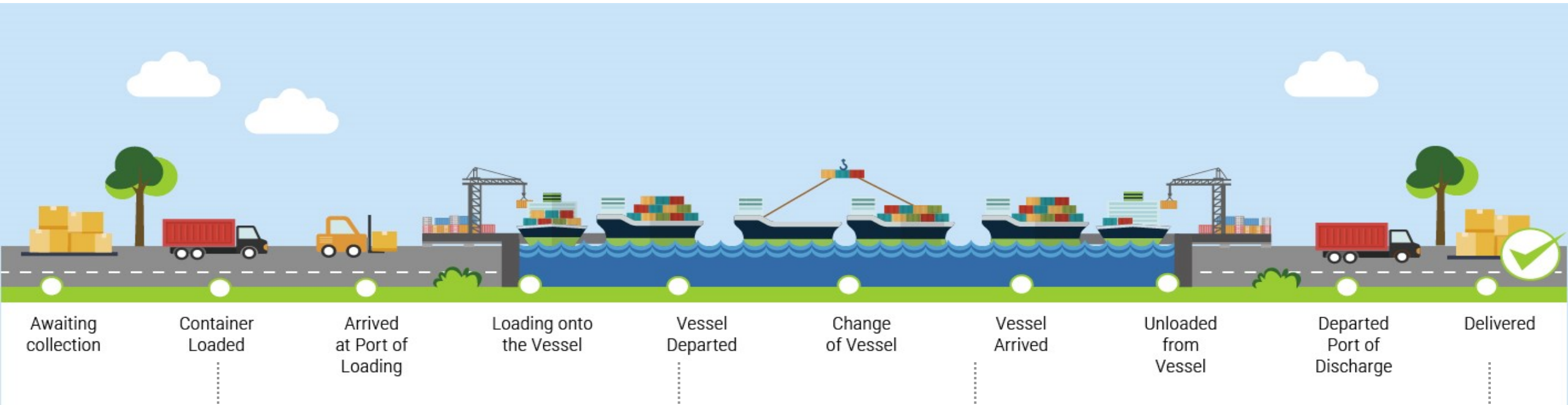


# **Data Pipeline Project**

**Geneva April 2018**

# Key Waypoints in a Data Pipeline



## Waypoint 1

### Parties

- Buyer
- Seller
- Loading Party
- Ship To

### Goods

- No Packages
- Country of Origin
- HS Code
- Value of Goods
- Description of Goods

### Container Details

- Container and Seal No

## Waypoint 2

### Parties

- Carrier
- Planned Delivery

### Goods

- Country of Export
- Country of Destination

### References

- Master Bill Number

## Waypoint 3

### Routing

- Port Call(s)
- Port of Entry to EU / UK
- Estimated Arrival Date
- Arrival Location

## Waypoint 4

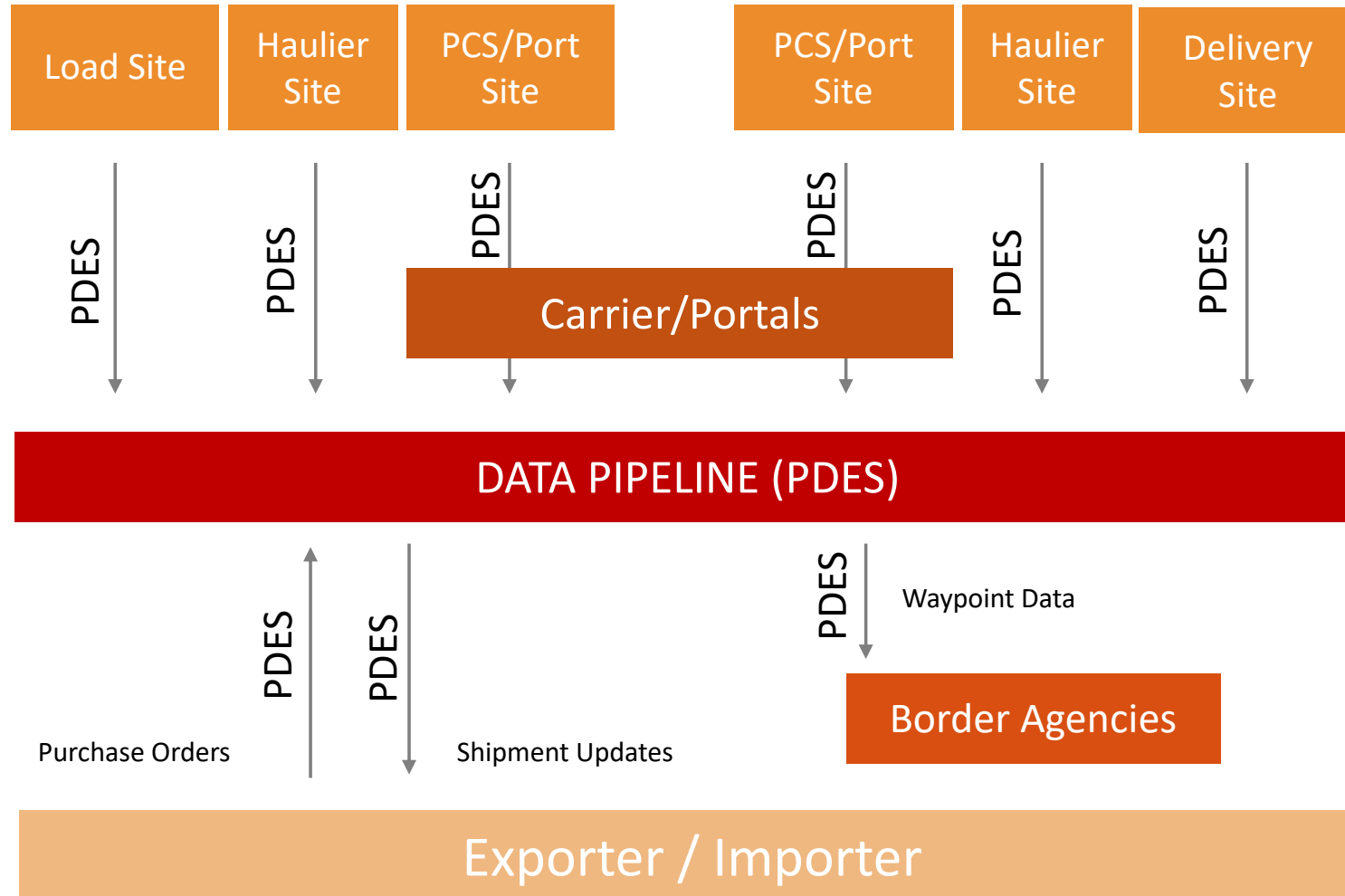
### Parties

- Actual Delivery Date

### Goods

- No Packages
- Declared Amounts (if different)

# Right Data, Right Place, Right Time



# Data Source Comparison

- Supply Chain Data

- Available Much Earlier (at point of loading -30 days)
- Accurate, as used in the supply chain to automate process and create efficiency
- Complete, contains data such as Buyer, Seller, HS Code, Country of Origin, Description of Goods

- Manifest Data

- Available 48 hours prior to arrival (or less)
- **Poor Quality**, has typically been 'watered down' to reduce work, satisfy insurance requirements (S.T.C), hide data from prying eyes
- **Incomplete**, doesn't contain key data for risk analysis

# Business Case



- Hazelnuts from Azerbaijan (HS:08022100) – 100% document check, 10% physical inspection requirement.
- Description of goods (Nuts) and short HS code on manifest.
- **ALL** 'nuts' from Azerbaijan stopped as description is not clear enough
- **£1million** year saving for this case alone
- Correct data de-risks trade route, allows resource to focus on unknown



Useful Description of Goods?

**FOODSTUFF, NUTS  
FREIGHT PREPAID,  
15 DAYS FREE TIME**

# Meaningful Description of Goods

**BRAZIL NUTS  
FREIGHT PREPAID,  
15 DAYS FREE TIME**

HS Code: XX07100000

# Pipeline Commentators

- Kaye Cheri, Conex, SELIS Project. PDES, multiple pipelines interacting with each other.
- Simon George, Metro Shipping. Commercial Pipeline in use, data provider under CORE WP10.
  - CORE closing Brussels



# Outcomes of EU CORE



- Pilot Project to trial advanced data to 'One Government at the Border'
- Mandatory Stops on containers reversed when comparing pipeline data vs manifest
- Arrangements made to allow container to continue journey and local trading standards resource inspect vs stopping at port
- Consideration for AFTC 1/2
- Data model creation as an international standard

# Project Update

- Whitepaper going in front of plenary and will be published shortly (thanks to project team!)
- Defined multimodal waypoints that are common to the supply chain movements
- The model will is being referred to as PDES (Pipeline Data Exchange Structure)
- Complete the BRS
- Complete the model and work towards publication

# Thank You



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UN/CEFACT Transport and Logistics Domain Controller

<https://uncefact.unece.org/display/uncefactpublic/Pipeline+Data+Carrier>

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