

# Bringing intelligence to transport infrastructure

Simon Notley – 9<sup>th</sup> March 2017

**dynniq**

energising  
mobility



# Markets



Mobility

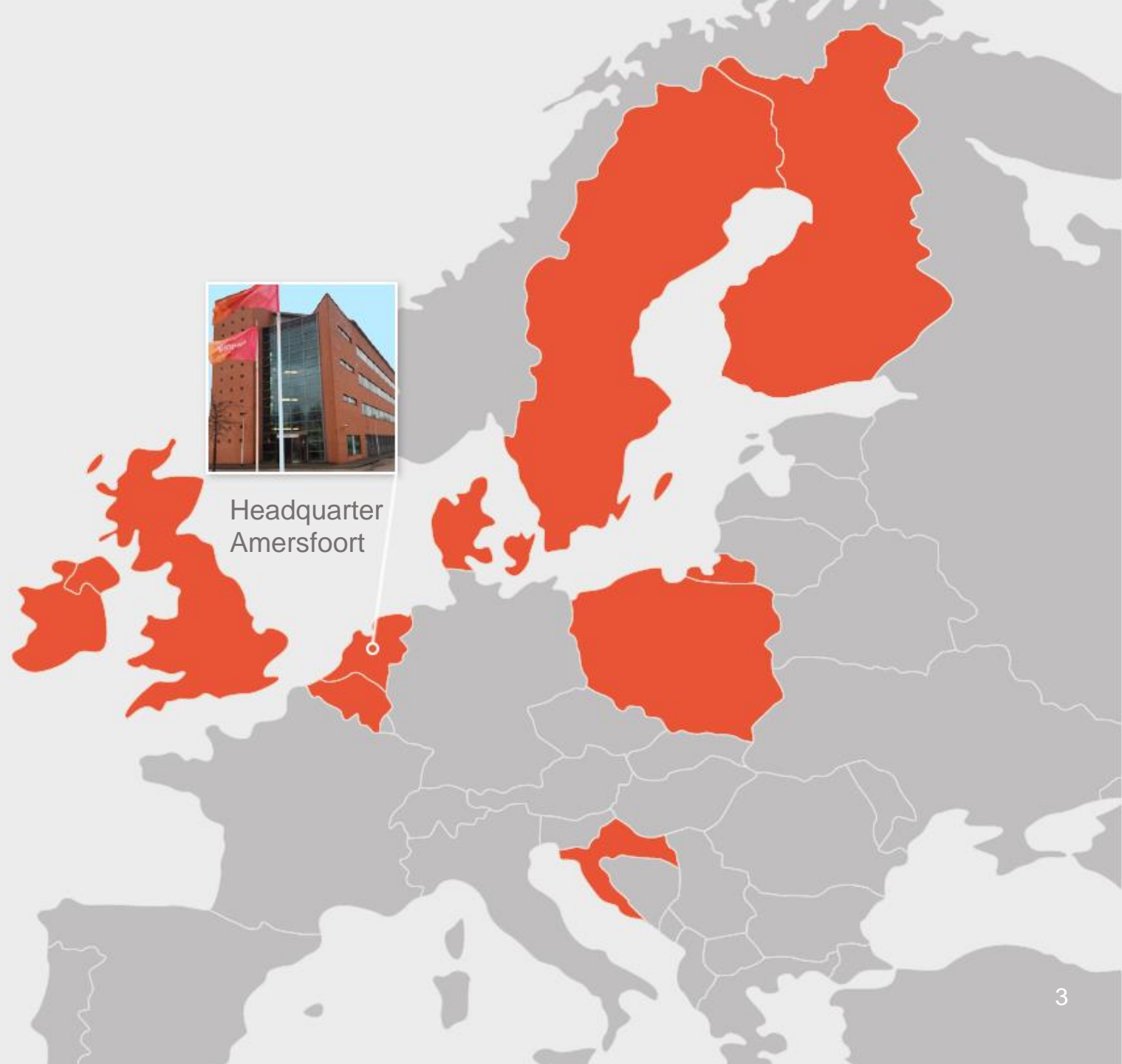


Parking



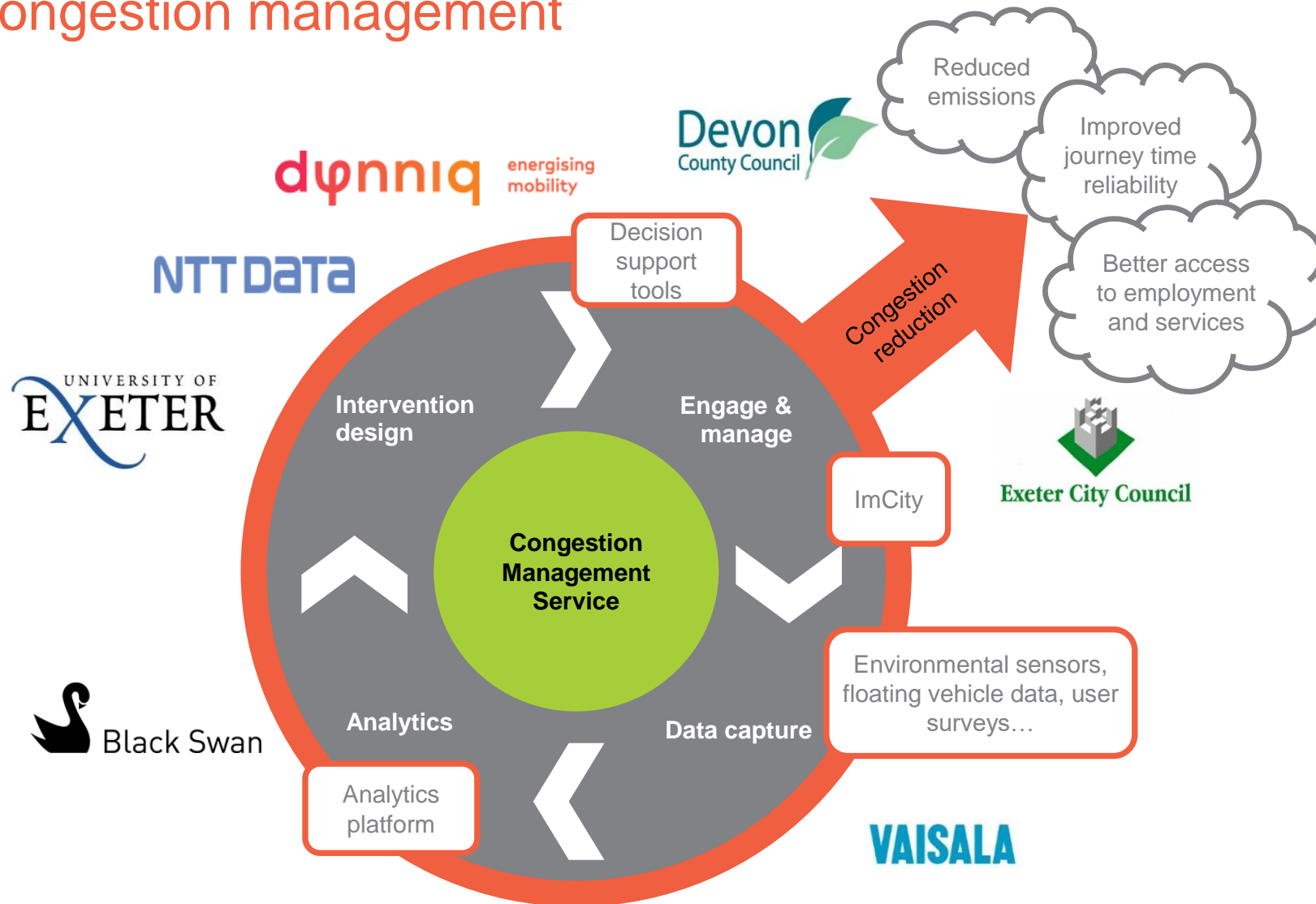
Energy

# Footprint



# Engaged Smart Transport

End-to-end congestion management



# GreenFlow and Freight Priority

Improving air quality through technology and policy

## Freight Priority at Signals



Green Light  
Optimal Speed  
Advice (GLOSA)



# GreenFlow and Freight Priority

Improving air quality through technology and policy

## Trial in Helmond (Netherlands) under the FREILOT project

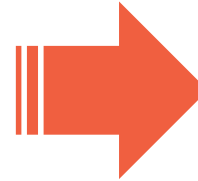
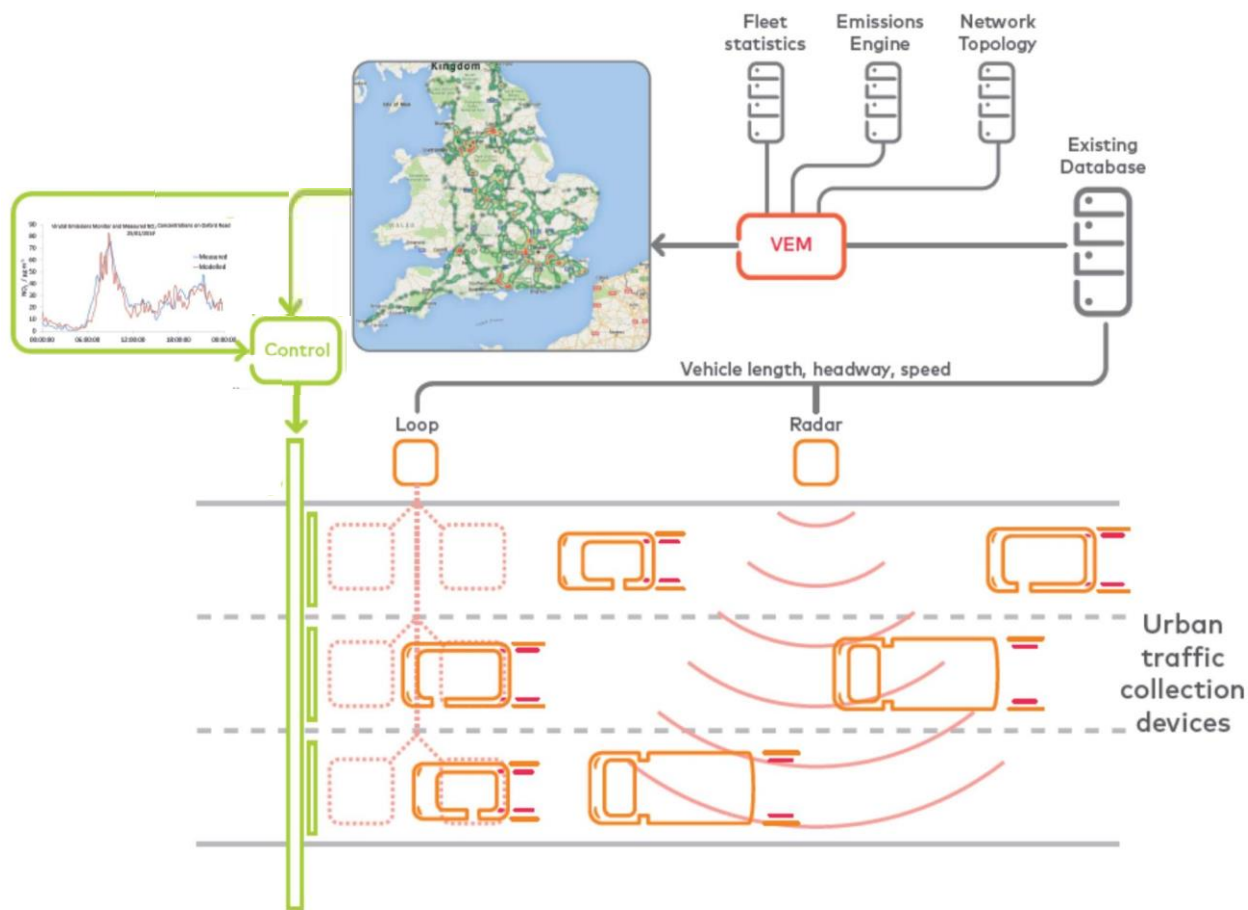
- > Trial involved seven trucks over 1 year
- > Over 50% reduction in number of stops at intersections
- > Fuel usage and emissions reduced by 13%

## Current project with Jumbo (supermarket)

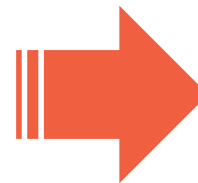
- > Initially in Helmond
- > Expanding to provide a national service – around 650 vehicles
- > Enabled by Dutch government initiative to open signal controllers – Talking Traffic

# Virtual Emissions Monitoring

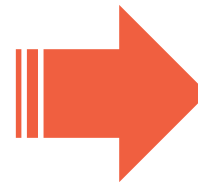
Improving air quality through day-to-day operations



Dynamic Clean Air Zones



Real-time strategic response



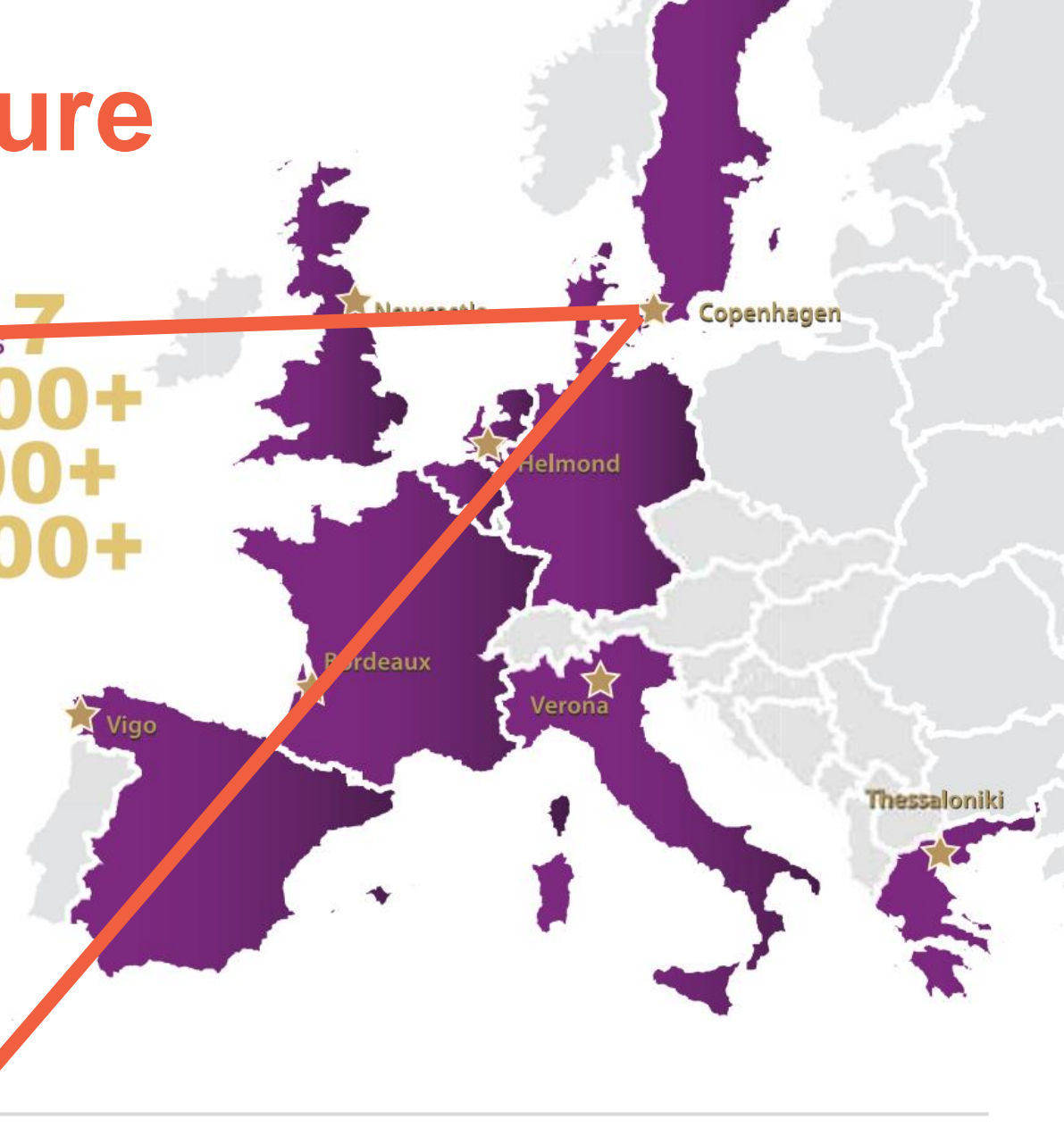
Next generation signal control

# Looking at the big picture

Cooperative services pilots in Compass4D



7  
500+  
100+  
100+





# Thank you for your attention.

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