

# BETTER DELIVERY: THE CHALLENGE FOR FREIGHT

The UK's freight system is one of the most efficient in the world. Supply chains cross city, county and national boundaries.



Goods moved in the UK  
Share of tonne kilometres, 2017



## 1. Goods arrive at sea and air ports

**95%**

of trade by volume is handled by ports

**<1%**

of trade by volume is handled by airports



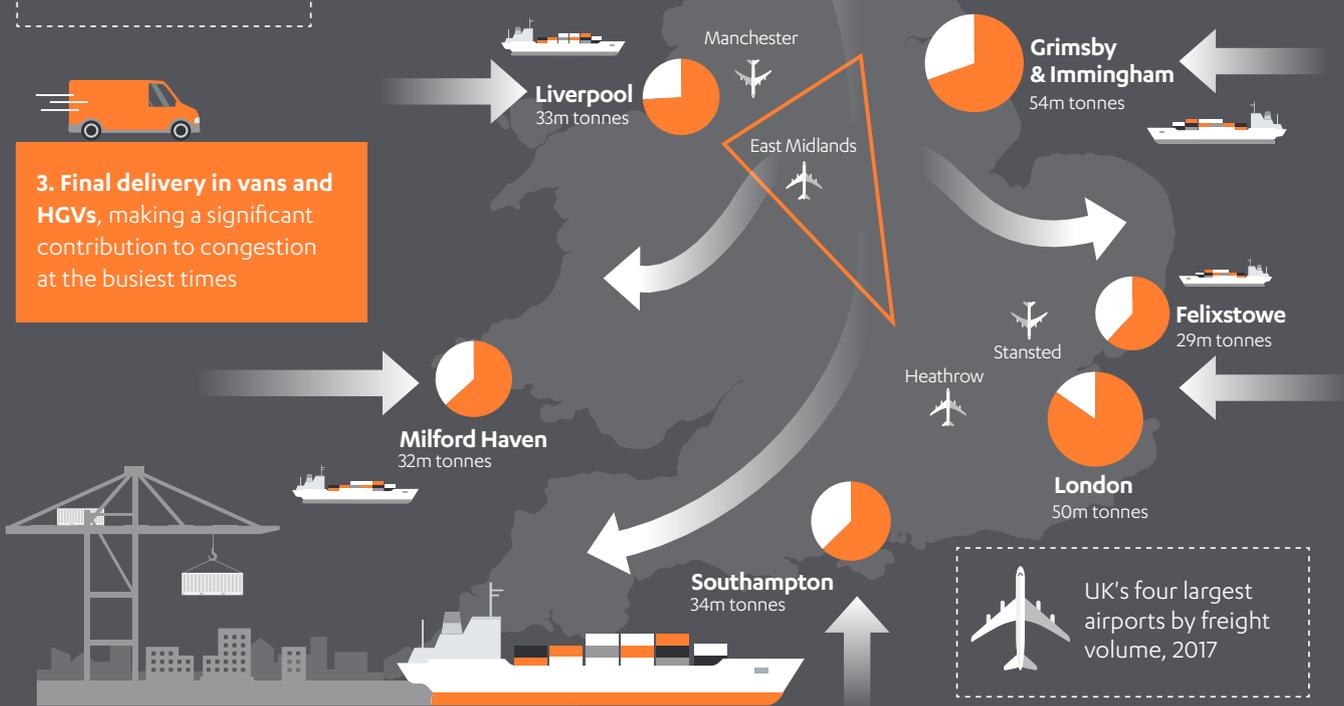
### KEY

UK's largest ports by freight traffic tonnage, 2017

- Inwards
- Outwards

## 2. From ports, goods are transported by road and rail to central distribution hubs: often concentrated in the 'Golden Triangle'

## 3. Final delivery in vans and HGVs, making a significant contribution to congestion at the busiest times



# FREIGHT'S CARBON EMISSIONS AND CONTRIBUTION TO CONGESTION MUST BE TACKLED

Road and rail freight account for 6% of the UK's greenhouse gas emissions, but this could rise to

**20%** of allowed emissions by 2050

HGVs and vans are contributing to worsening traffic congestion in busy towns and cities

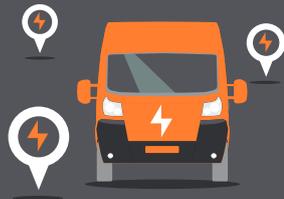
The 'last mile' of a delivery is complex and accounts for around

**30%** of operators' costs



## A CLEAN FREIGHT SYSTEM IS NEEDED

Electric vans are available, but action is needed to get charging networks ready for widespread use



Hydrogen or battery powered HGVs will need different types of infrastructure for refuelling or charging



## BETTER PLANNING CAN HELP MANAGE CONGESTION

Allowing more deliveries at night, where operators commit to quieter practices



More distribution space is needed in cities so that depots are closer to the final delivery destination



## THE COMMISSION RECOMMENDS:

**1**

### Decarbonisation of road and rail freight by 2050

Tackling environmental impacts by committing to decarbonising road and rail freight by 2050.

**2**

### Better land use planning for freight

Managing freight's contribution to congestion through better planning.

**3**

### A new partnership for freight

Establishing a new Freight Leadership Council, bringing together government and industry for accelerated progress on long term issues.