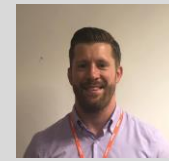


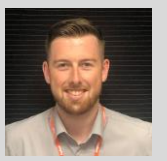
# Transport CNG Fuelling Stations



**For further  
information  
Contact:**

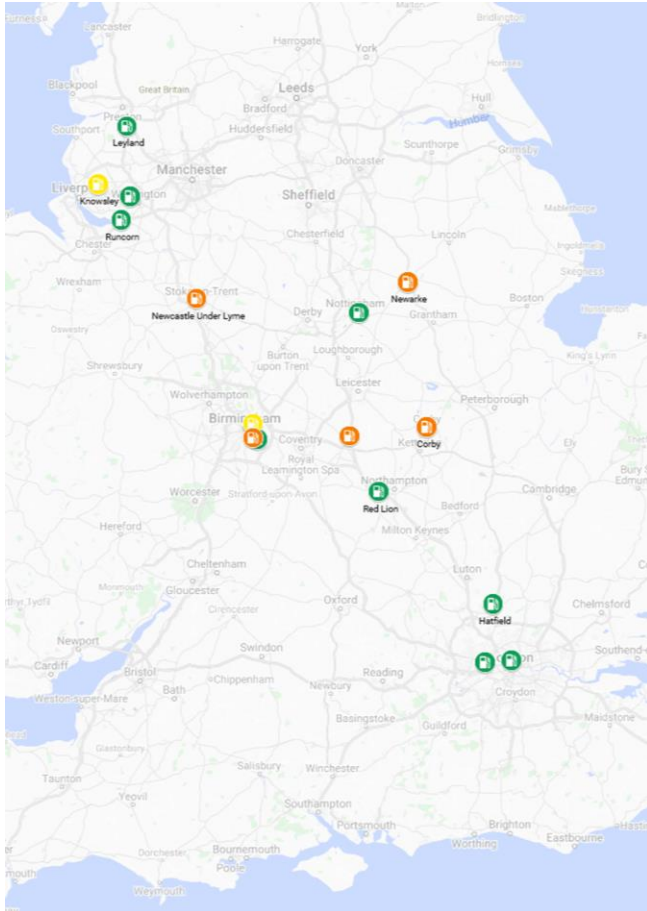


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## Current Landscape



CNG Fuelling		
SITE	NETWORK	PRESSURE TIER
Camden York Way Depot Freight Lane, York Way London N1C 4BE	NL	LP
Crewe CNG Station, The Sidings, Weston Road, Crewe, CW1 6BW	NW	MP
Leyland Avant Gardens, Wigan Road, Leyland, Lancashire, PR25 5XW	NW	LTS
Nottingham Nottingham City Transport Ltd, Lower Parliament Street, Nottingham, NG1 1GG	EM	LP
Runcorn Arriva North West, Beechwood Avenue, Runcorn, Cheshire, WA7 4SB	NW	MP
Wembley Alperton Depot, Marsh Road, Wembley, HA0 1ES	NL	MP
Hatfield Ocado, Gypsy Moth Avenue, Hatfield, AL10 9BD	EA	MP
Red Lion A4500 Weedon Rd, Upper Heyford, Harpole, Northampton NN7 4DE	EM	MP
Warrington Omega Business Park, Skyline Drive, Burtonwood, Warrington WA5 3RN	NW	MP

## Tees for Connection

Redundant  
Tee

- WebMaps
- Local knowledge
- Records

Is this  
reusable?

- SAP Extract
- Information available
- Connection type (welded/grouted tee)

Operational  
Check

- Does valve operate?
- Is seal created?
- Can valve be reused?
- Welded or flanged?

## Case Study – Cadent Fleet



### SCANIA P340 Compressed Natural Gas Tractors

- Speed limitation, 85 km/h
- Adaptive Cruise Control (ACC) keeps you at a safe distance
- Lane Departure warning (LDW) alerts any unwanted lane crossing
- Advanced Emergency Braking (AEB) scans the speed of vehicles ahead
- Lower pedestrian window making it easier to see pedestrians and cyclists
- Left turn audible warning is activated again if sensors detect any movements (Cyclist or pedestrians – nearside only)
- S&B Full Catwalk – more space for the driver, makes it safer to access the electric and air hoses if required



## Asset Data Principles – CNG Fuels

Current HGV range of up to  
**600 miles**

**5-7 mins** to refuel a HGV  
tank with 500 mile range

Bio-CNG reduces a vehicle's **CO2 equivalent emissions by as much as 84%**, **NOx emissions by as much as 75%** and **noise by approx. 50%** compared to a diesel vehicle

Refuelling is clean with no need to wear protective clothing or worry about spillage of fuel.

**84% reduction in CO2 emissions** from well to wheel on biomethane

Up to **40% cost saving** when switching from diesel

Refuelling is simple – drivers can go about paperwork while the truck refuels.

