

# HGV Charging and Refuelling position paper

---

Sukky Choongh

Environment Manager, Air Quality and ULEVs

# End of Sale

## New non-zero emission HGVs

- 2035 (or earlier if a faster transition seems feasible) for vehicles weighing from 3.5 tonnes up to and including 26 tonnes
- 2040 (or earlier if a faster transition seems feasible) for vehicles greater than 26 tonnes

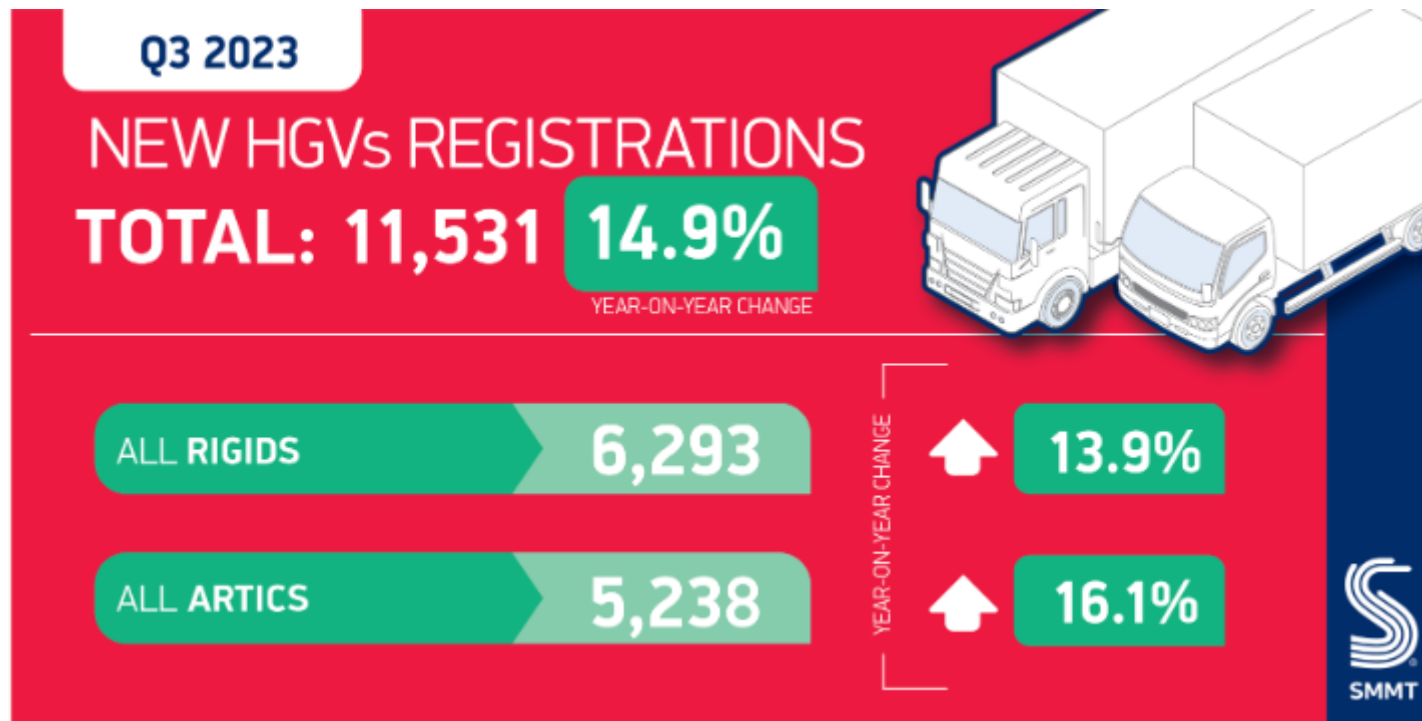


# Position Paper

**Mike Hawes, SMMT Chief Executive**, said, *“With just over a decade until the UK begins to phase out new diesel trucks, we cannot afford to delay a strategy that will deliver the world’s first decarbonised HGV sector. Manufacturers are investing billions in electric and hydrogen vehicles that will deliver massive CO<sub>2</sub> savings, and it is vital that operators making long-term decisions today have full confidence in these technologies, that they will be commercially viable and allow them to keep costs down for consumers. A successful transition requires a long-term plan to drive the rollout of a dedicated UK-wide HGV charging and fuelling network, combined with world-leading incentives to encourage uptake and attract model allocation – a plan that will keep a greener Britain on the move and globally competitive.”*



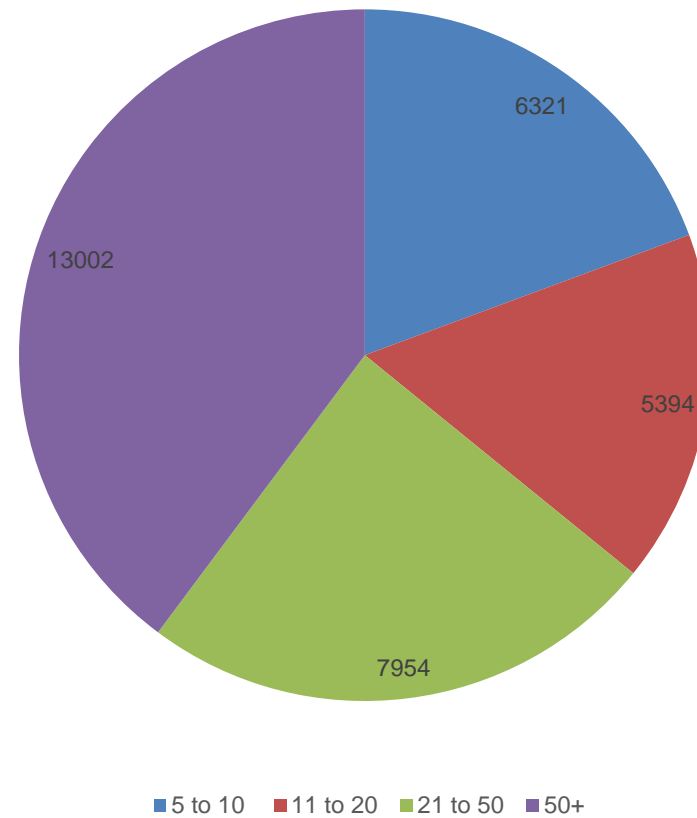
# HGV Registrations



- As Britain gets first-ever public HGV-dedicated charger, a national plan is needed to deliver infrastructure at depots, truck rest stops and the strategic road networks in every region
- Zero emission HGVs represent 0.8%

# Depot charging

London operators by vehicles specified



# Depot Charging

## Barriers and Opportunities

- Cost
  - Grid Connection
  - Planning
  - Access
  - Space constraints
- Shared infrastructure
  - Co-ordinated connections
  - Demand aggregation



# Public Charging

## 350kW locations







# HGV Charging hierarchy

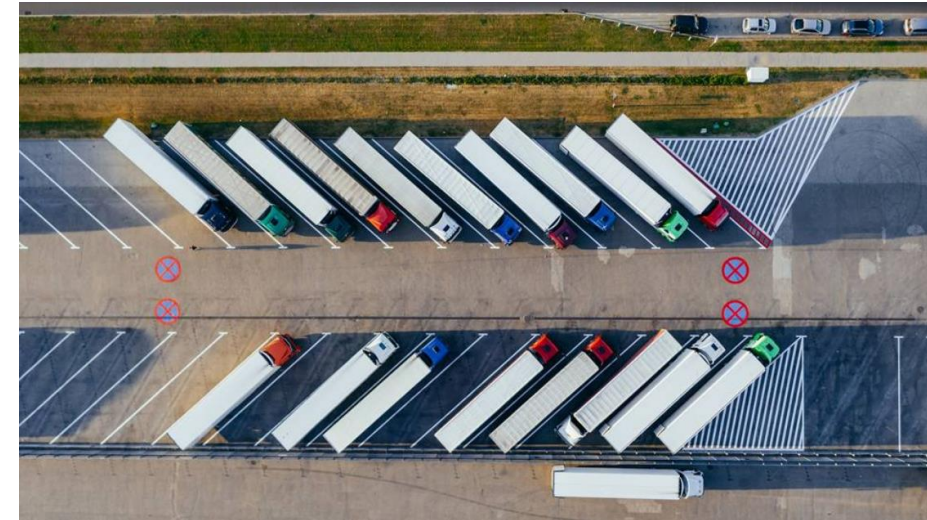
## 1. Depot



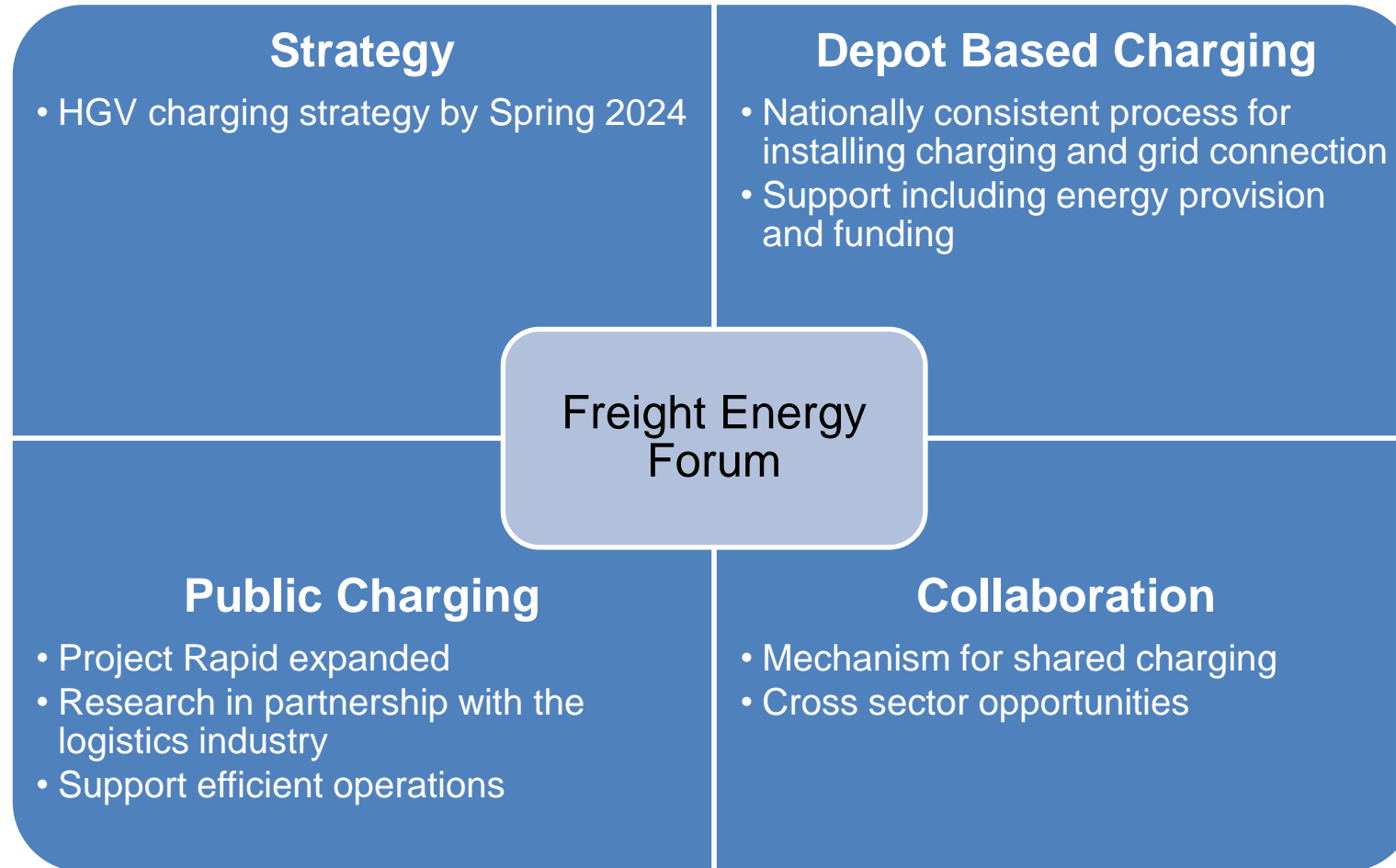
## 2. Motorway and Trunk road service area



## 3. Truck rest stop



# Recommendations



# Thank You – Any questions?

---

**The Society of Motor Manufacturers and Traders Limited**

71 Great Peter Street, London SW1P 2BN

[www.smmt.co.uk](http://www.smmt.co.uk)

SMMT, the 'S' symbol and the 'Driving the motor industry' brandline are registered trademarks of SMMT Ltd.