

Innovate UK

The UK's innovation agency

TTF Conference 2025
8th May 2025

Neale Ryan
Head of Land and Maritime Transport



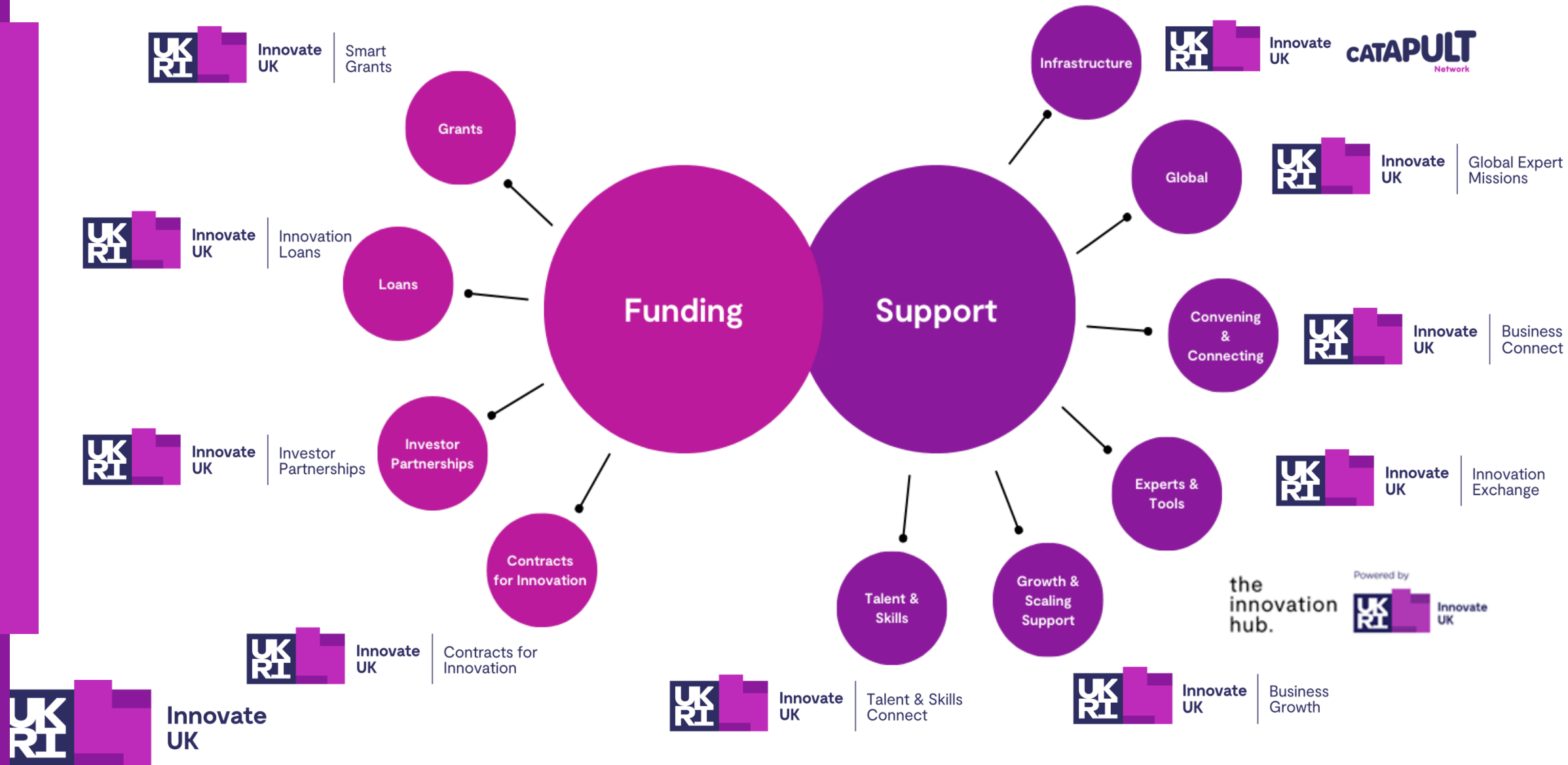
We are the UK's innovation agency

As part of UK Research and Innovation (UKRI), Innovate UK is publicly funded to drive innovation and productivity across the UK.

We work for you to create a better future by inspiring, involving and investing in businesses developing life-changing innovations.



Innovate UK provides funding AND support



Investing in mobility

Aerospace and
Future Flight



Automotive and
batteries



Connected and
Autonomous Vehicles



EV Charging



Maritime



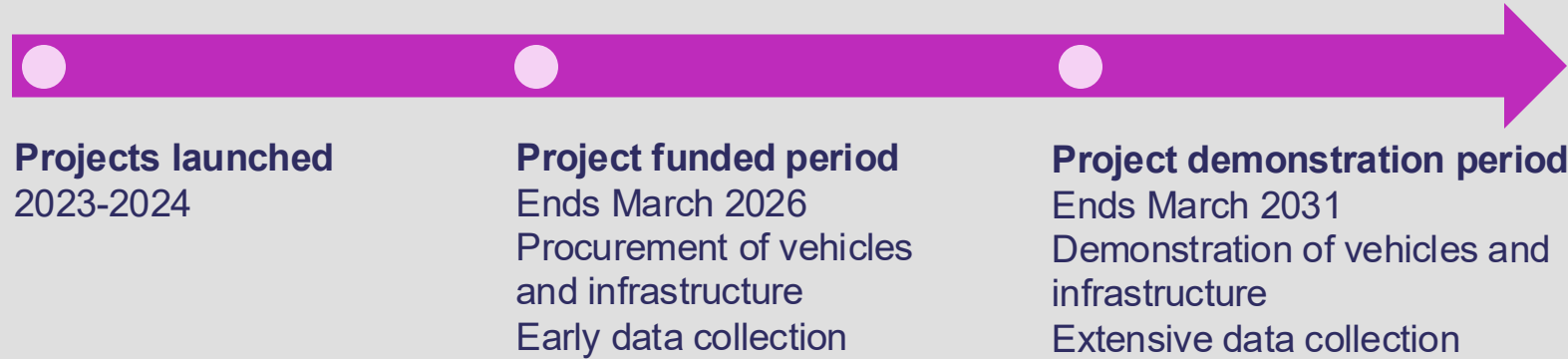
Road – HGVs and
Hydrogen



Rail



Zero Emission HGV & Infrastructure Demonstrator



Main aims:

- Support commitment to end the sale of new, non-zero emission HGVs by 2035/2040
- Understand the costs and merits of various zero emission HGV technologies, based on large real-world operations (collect data and analyse)



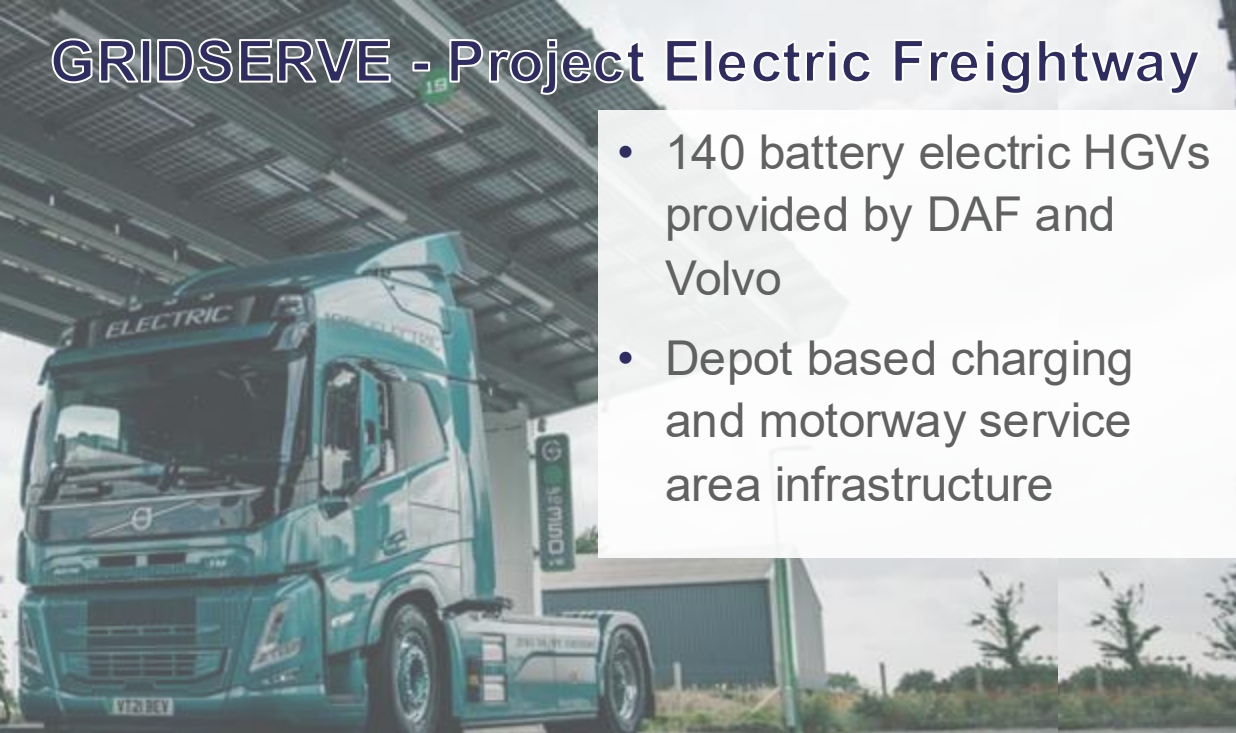
Innovate
UK



Funded by
UK Government



GRIDSERVE - Project Electric Freightway



- 140 battery electric HGVs provided by DAF and Volvo
- Depot based charging and motorway service area infrastructure

Dynamon - Zero Emission Northern (ZEN) Freight



- Battery Electric and Hydrogen Fuel Cell vehicles (50+)
- Operator led model with efforts to share infrastructure wherever possible

HyHAUL-Hydrogen Aggregated UK Logistics



- Hydrogen fuel cell vehicles along the M4
- Hydrogen refuelling stations

Voltempo - eFREIGHT 2030



- Next-generation eHGVs, Renault Trucks, DAF and Scania
- British-designed 1MW charging technology

Data Partners

Imperial College
London

D | DYNAMON

CATAPULT
Energy Systems

HITACHI
Inspire the Next

greencollar
valuing the environment

OEMs

SCANIA

Novuna®
Vehicle Solutions

DAF

VOLVO
Financial Services

B

RENAULT
TRUCKS

Funding & Delivery Organisations

UKRI
Innovate UK

Funded by
UK Government

Infrastructure

Reynolds
LOGISTICS

British
Land

HyHAUL

Marubeni
Europower

DCC

VOLTEMPO™

PRORIUM

moto

Fleete

GRIDSERVE
SUSTAINABLE ENERGY

Freight Operators

MARITIME

WELCH'S
TRANSPORT

Gregory
Delivering winners

WS
Transportation

M&S

Royal Mail

DP WORLD

TVS

Menzie's
DISTRIBUTION

DFDS

Samworth Brothers
QUALITY FOODS

NISSAN

expect
distribution

Fergusons
Transport

RUSSELL
GROUP

amazon

Masters
ALWAYS EVOLVING

a.f. blakemore
& son ltd

United
Utilities
Water for the North West

cloudbass
outside broadcast

Graphic
Packaging
INTERNATIONAL

boughey

DSV

currys

FENN
LOGISTICS SOLUTIONS

PRAGMACHARGE

Global Transport and Logistics

Wincanton

TARMAC
A CRH COMPANY

for farmers

Yusen Logistics

voltleader
CHARGED FOR TOMORROW

Campeys
of Selby Ltd

I.J. McGill
TRANSPORT

ADM

XPO Logistics

explore

GXO

KUEHNE+NAGEL

UK-wide zero emission HGV Infrastructure locations

Discover the planned UK-wide electric charging and refuelling locations funded through the Zero Emission HGV and Infrastructure Demonstrator Programme, created in association with:

eFREIGHT 2030

Demonstrating the feasibility and business case for electric HGVs and a nationwide 1MW charging hub network using British technology.

ZENFreight

Demonstrating electric and hydrogen powered HGVs for the UK haulage industry through a data driven approach.

Project Electric Freightway

Project Electric Freightway will help pave the way for the wider adoption of electric-powered HGVs to replace existing diesel fleets and help resolve both environmental and efficiency issues across the sector.

HyHAUL

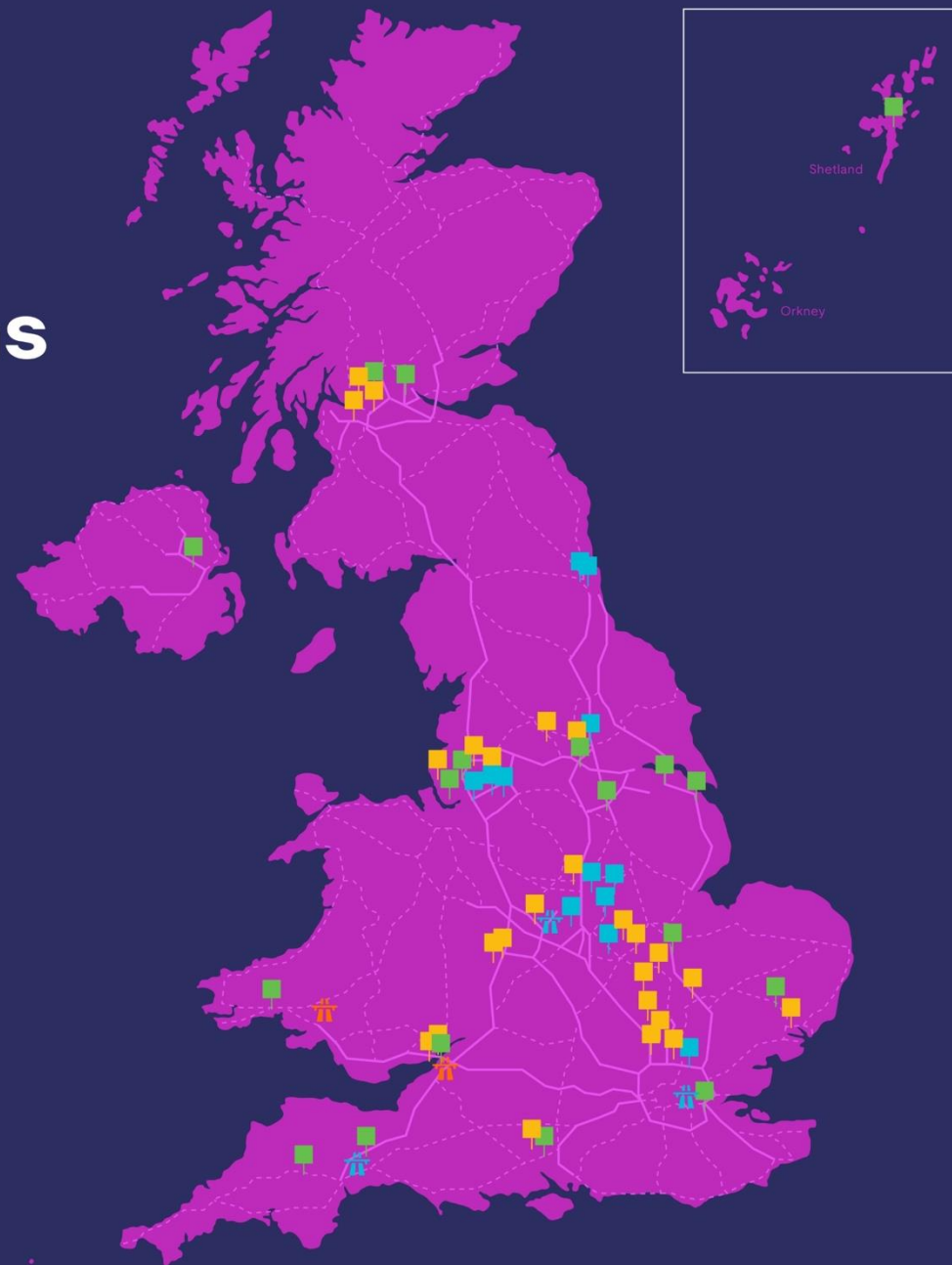
Developing a hydrogen supply chain and hydrogen refuelling infrastructure along the M4 corridor and beyond.

Strategic Hub

Motorway

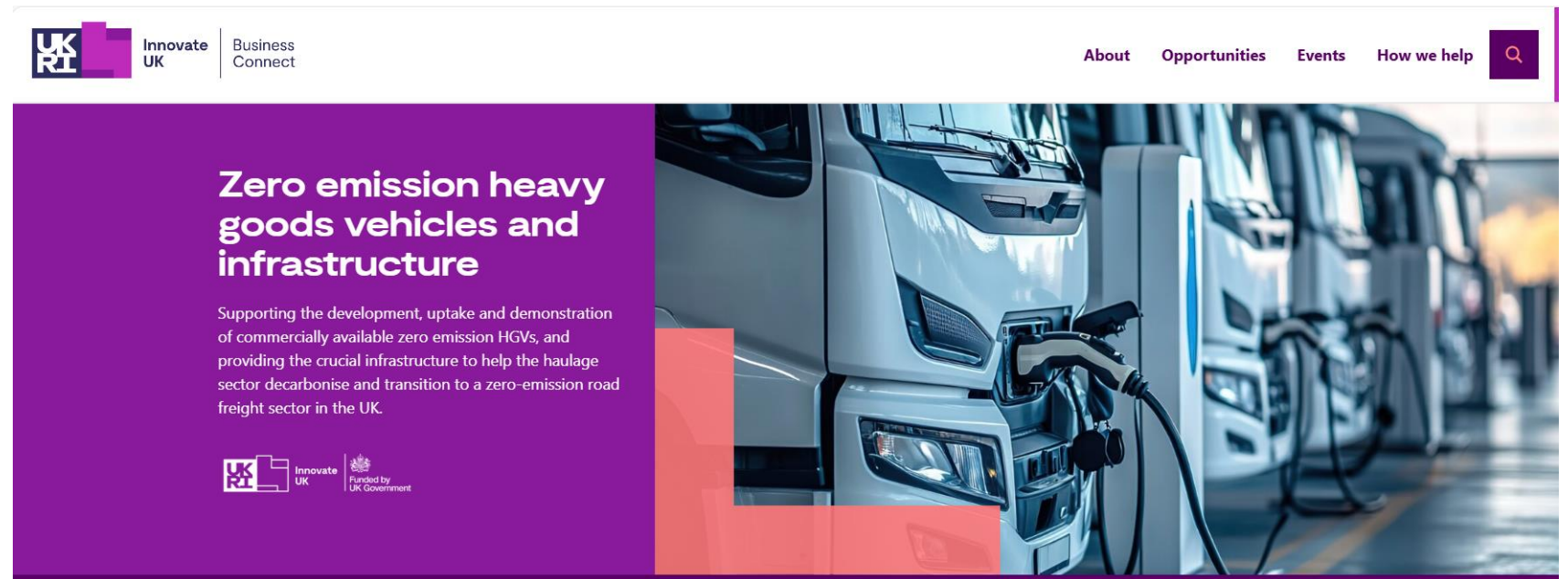
A Road

Disclaimer: This map should be used as an illustration of the planned charging and refuelling points funded through the Zero Emission HGV and Infrastructure Demonstrator Programme.



Find out more...

- [Zero emission heavy goods vehicles and infrastructure - Innovate UK Business Connect](#)



Getting you ready for upcoming opportunities

1. Check out our latest funding opportunities on the Innovate UK website
2. If you are a business – reach out to Innovate UK Business Growth or Innovate UK Business Connect for 1-2-1 help
3. Follow Innovate UK socials to be kept up to speed with new programmes as they emerge later in the year
4. Speak to me directly afterwards or via neale.ryan@iuk.ukri.org

Thank you

neale.ryan@iuk.ukri.org

