

Innovate UK – Funding innovation in commercial vehicles

Innovate UK

David Tozer
Programme Manager – Automotive

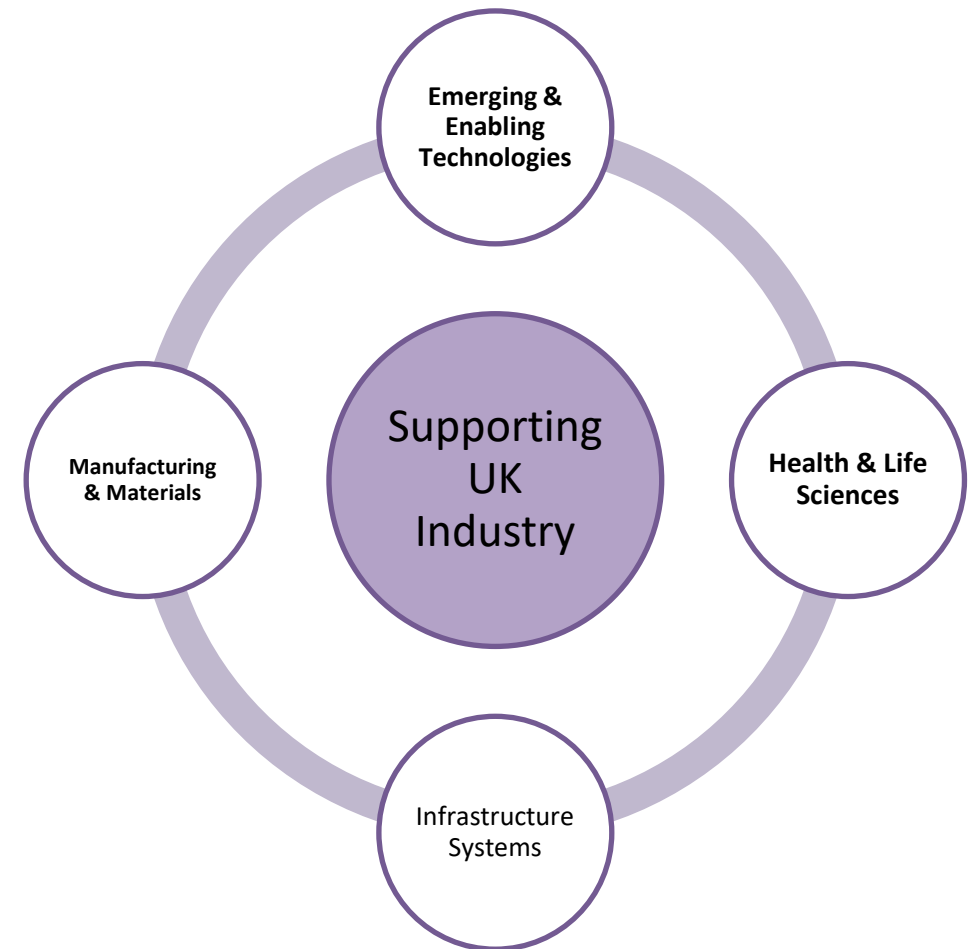
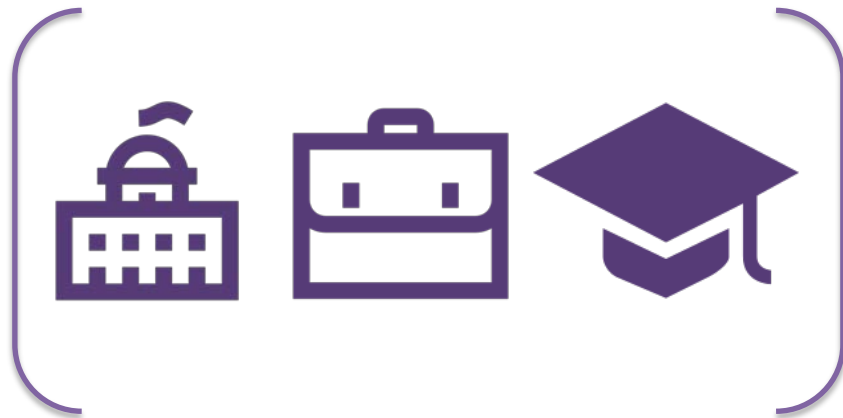
Innovate UK

The UK's innovation agency

Drive growth by working with companies to de-risk, enable and support innovation

Work across Government, academia and business

Investing +£500million in innovation every year



A busy 2017



LEFT - £20 million



**Connected and
Autonomous
Vehicles 3 - £25
million**

Test Bed - £55 million



**Vehicles to Grid -
£20 million**

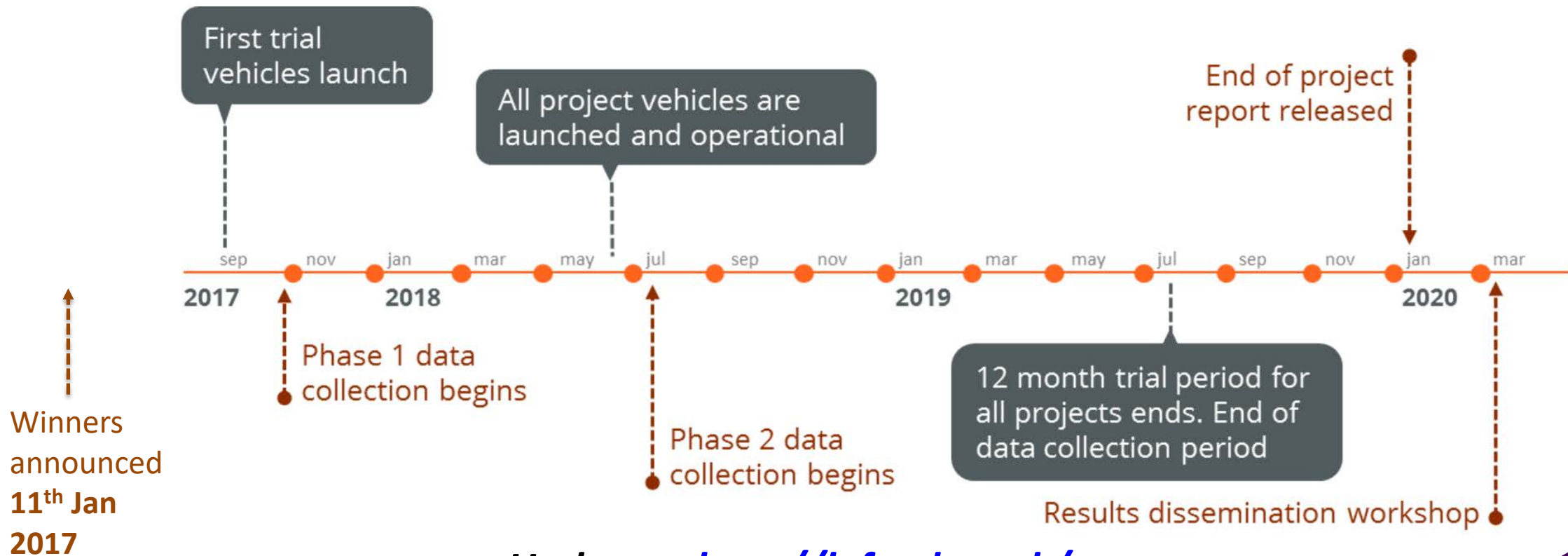


**Faraday - £40
million**

Low Emission Freight Trials

Progress to date

Low emission vehicles in the freight, logistics, utilities and emergency industries
£20 million across 20 projects



Updates - <http://left.trl.co.uk/>

Low Emission Freight Trials

Gas powered

Maximising CNG Benefits

£3.25m (£1.96m)

JLP will trial a fleet of 43 dedicated gas HGVs to demonstrate their suitability for large scale roll-out.



John Lewis



Dedicated to Gas

£2.57m (£4.93m)

Large fleet operations involving 81 new dedicated gas powered HGVs (12-44tonnes).



ENN



Combustion Efficient Euro IV Dual Fuel HGV

£0.82m (£1.35m)

Develop and demonstrate elimination of methane slip in dual fuel conversions to meet Euro VI emissions.



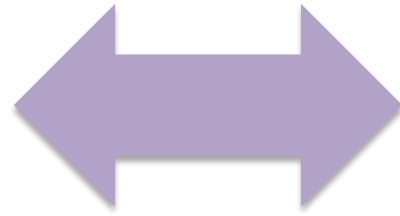
Reduced Emissions Logistics (Red-E-Log)

£1.05m (£1.89m)

The project will deploy three state-of-art truck technologies to promote the reintroduction of LBM into the UK market.



Vehicle to Grid: Innovation in vehicle-to-grid (V2G) systems



UK businesses could apply for a share of £20 million across Collaborative feasibility studies (£2m), Collaborative R&D (£4m) and Real world demonstrators (£14m).

Projects we were looking for included

- Transport hub or commercial ULEV fleets, including public road transport and public or private car parks
- Commercial and public service vehicles

Low Carbon Vehicles

Integrated Delivery Programme 14 (IDP 14)

Live competition – closing date 13th December 2017

£20million – Technical Feasibility and Collaborative R&D

Projects to develop low-cost, highly integrated systems to enable zero emission journeys for cars. Also looking for zero emission or zero emission capable journeys for medium and heavy goods vehicles.



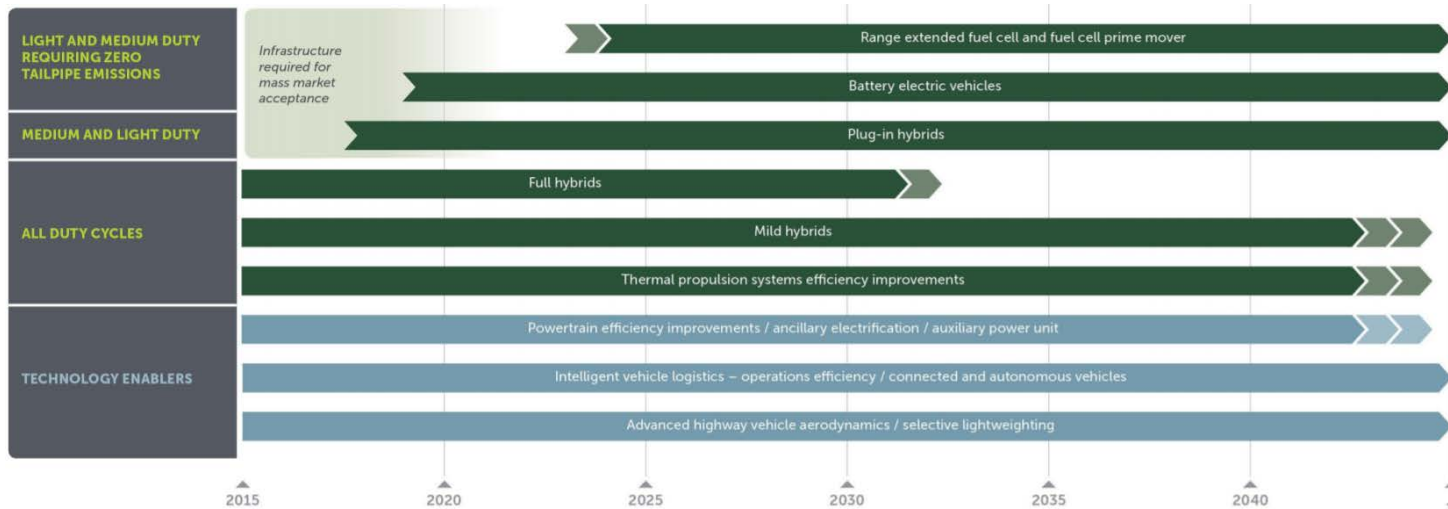
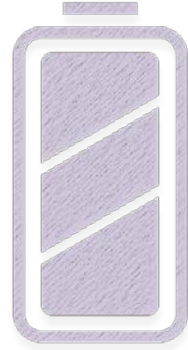
Highly disruptive zero emission technologies

Energy storage and energy management

Lightweight vehicle and powertrain structures

Electric machines and power electronics

Future funding opportunities



http://www.apcuk.co.uk/wp-content/uploads/2016/10/Master_Roadmaps-V2.pdf