

## News story: Government awards £25 million to fund zero-emission transport innovations

- 22 projects in total will benefit from government investment to decarbonise UK transport
- innovations to be funded include a quick-charging fully-electric motorbike prototype and agricultural vehicles with reduced emission capability
- investment a key Industrial Strategy milestone, and part of wider measures towards a net zero carbon economy

Projects across the country are set to benefit from £25million investment to develop ground-breaking zero emission technologies for new vehicles.

A boost for green transport, the investment is a key part of the government's Industrial Strategy, and part of wider efforts towards developing a net zero carbon economy.

One project aims to develop innovative, new electric motorcycle technology lowering vehicle emissions and noise, with faster battery charge times and making electric motorbikes attractive to the market.

Led by Triumph Motorcycles, the project adds award-winning motorsport and electrification experience from Williams Advanced Engineering, propulsion innovation from Integral Powertrain and Warwick Manufacturing Group's success integrating academic research with public and private sector projects.

Other winning projects include:

- a project that will add an electric drive axle to a conventional diesel-powered truck, creating a hybrid engine which will store and reuse the electrical energy on the trailer
- a research and development project to replace metals with new materials using recycled carbon fibres from aviation waste
- a feasibility study into the potential of hydrogen fuel cell technology as a zero-emission solution for utility and off-road vehicles

The support for these projects is key to the delivery of the government's modern [Industrial Strategy's Future of Mobility Grand Challenge](#) and the [Road to Zero Strategy](#), both of which aim to put the UK at the forefront of the design and manufacturing of zero emission vehicles. This transition is also a crucial part of the UK's move to a net zero emissions economy to end the country's contribution to global warming entirely.

The government's ambition is for all new cars and vans to be effectively zero emission by 2040. The numbers of ultra-low emission vehicles on UK roads is currently at record levels, with around 200,000 ultra-low emission vehicles

registered in the UK.

Future of Mobility Minister Jesse Norman said:

The government continues to invest in technologies and innovation that help the UK to a zero emission future. This is a central part of our Future of Mobility Grand Challenge.

It is great to see such enthusiasm and imagination from industry, as we work together with them to realise the environmental, health and wellbeing benefits of greener transport.

Business Secretary Greg Clark said:

We are committed to ensuring the UK continues to develop its world-leading reputation for excellence in the design and manufacturing of greener transport.

These exciting new projects, from Liverpool to Slough, are powering the future of zero emission vehicles and through our modern Industrial Strategy. Investments like these will also enable us to realise our commitment for all new cars and vans to be effectively zero emission by 2040.

Since 2010, the government has designed and funded a series of collaborative, industry led competitions with Innovate UK, creating a diverse range of high-quality projects that have driven forward advanced technologies and strengthened UK industrial and supply chain capability. Government and private sector investment in these competitions has already provided over £600 million of funding.

The full list of winning projects can be found below.

PDF, 393KB, 4 pages

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