

[News story: Zero emission vehicles: funding to drive development and adoption](#)

Up to £22 million is available for industry-led research and innovation that accelerates the uptake and use of zero-emission vehicles in the UK.

The competition is looking for low-cost, highly-integrated systems that support zero-emission journeys for cars and other vehicles including buses, motorbikes and large trucks.

The [Office for Low Emission Vehicles](#) is working with Innovate UK to deliver the funding.

Leading the transition to zero

UK government's strategy to clean up transport, [The Road to Zero](#), has an objective for all new cars and vans to be effectively zero emission by 2040.

In order to improve air quality and provide a better environment for people, there needs to be a massive expansion of infrastructure that supports clean technology and a leap forward in the development of cars, vans and trucks that produce low or zero emissions.

This competition will support government's aim to accelerate adoption and grow a strong, clean economy, putting the UK at the forefront of the global market.

It will help to achieve government's modern [Industrial Strategy](#). One of the grand challenges is looking at transforming the movement of people, goods and services.

There are 3 opportunities to apply, depending on the stage and size of the project.

Support for multiple, collaborative projects

What's the opportunity?

There is up to £16 million to fund multiple, collaborative research and development (R&D) projects. These should have a total value of less than £4 million.

Projects should focus on one of the following to:

- advance power electronics, machines and drives for automotive applications
- improve energy storage and management

- develop lightweight vehicle and powertrain structures
- create zero emission technologies that are highly disruptive

Small-scale R&D competition information

- the competition is open, and the deadline for applications is midday on 6 December 2018
- a UK business of any size can lead the project, working with other businesses, research organisations or third-sector organisations
- total project costs can be between £250,000 and £4 million
- businesses could get up to 70% of their eligible costs
- projects should last between one and 3 years and start by June 2019
- the best projects will be invited to interview between 18 to 22 February to progress their application

A single, large, high-value project

What's the opportunity?

In addition to investing in multiple collaborative R&D projects, up to £4 million is on offer for a single, large, high-value research and development project.

The project should look at one of more of the following to:

- disrupt conventional powertrain technology in vehicles
- support the transition of UK internal combustion engine manufacturing capability into e-powertrain production
- develop e-powertrain solutions that are not related to any conventional engine research and development work
- integrate zero emission technologies with a conventional engine for demonstration purposes, at minor costs

Single project competition information

- the competition is open, and the deadline for applications is midday on 6 December 2018
- a UK business of any size can lead the project, working with other businesses, research organisations or third-sector organisations
- the total project cost can be any amount, but the grant you can claim is limited to £4 million
- funding for up to 70% of eligible project costs is available
- the successful project should last between one and 3 years and start by June 2019
- the best projects will be invited to interview between 18 to 22 February to progress their application

Feasibility studies

Testing the feasibility

The final competition has up to £2 million for feasibility studies.

Technologies could include:

- the electrification of conventional powertrains, such as waste heat recovery systems and hybridisation
- e-powertrains solutions that do not include costs related to any conventional engine R&D work
- hydrogen innovations, for example, in fuel cells or electricity production

Feasibility studies competition information

- the competition is open, and the deadline for applications is midday on 6 December 2018
- a UK business of any size can lead the project, working with other businesses, research organisations or third-sector organisations
- total project costs can be up to £250,000
- businesses could get up to 70% of their eligible costs
- projects should last up to one year and start by June 2019