

[News story: Future vehicles powered by low carbon tech: apply for funding](#)

A £20 million funding competition by the [Advanced Propulsion Centre](#) (APC) will invest in business projects that support the design, build and manufacture of zero and low emission vehicles and technologies.

This is the latest in a series of funding competitions. They are delivered in partnership by the APC, Innovate UK and the [Department of Business, Energy and Industrial Strategy](#).

The competitions support the government's [modern Industrial Strategy](#) under the [future of mobility Grand Challenge](#). This challenge will transform how people, goods and services move around, including more efficient transport networks with dramatically reduced carbon emissions and other pollutants.

A 10-year, £1 billion joint government and industry commitment, the APC exists to accelerate low carbon propulsion technologies in the UK. It aims to make the UK a global centre of excellence for next-generation low carbon vehicle development and production.

Build a long-term UK supply chain

The competition is inviting projects that enhance UK capabilities in low carbon technologies for automotive and create a long-term supply chain.

It is particularly interested in the design, build and manufacture of zero tailpipe emission vehicles. Projects that demonstrate a significant reduction in carbon dioxide emissions, including motors, batteries, power electronics, hybridisation and alternative propulsion systems, are also welcome.

Projects must be in the following areas:

- alternative propulsion systems
- electric machines and power electronics
- energy storage and energy management
- lightweight vehicle and powertrain structures
- thermal propulsion systems

Ultimately, projects should support the growth of next-generation technologies and create more jobs in the UK.

Competition information

- the competition opens on 7 January 2019 and the deadline for applications is at midday on 6 March 2019
- UK-based businesses can lead a project, working in partnership with others, including at least one SME, a vehicle manufacturer or tier 1 supplier

- total costs should range between £5 million and £40 million, with 50% match funded by industry
- projects can last between 18 and 42 months
- the best applications will be invited to interview the week beginning 29 April 2019
- businesses can [register for a briefing event](#) on 10 January 2019 to get advice on applying