

About the Advanced Propulsion Centre

227 words

The Advanced Propulsion Centre (APC) collaborates with UK government, the automotive industry and academia to accelerate the industrialisation of technologies, supporting the transition to deliver net-zero emission vehicles.

Since its foundation in 2013, APC has funded 170 low-carbon projects involving 402 partners, working with companies of all sizes, and has helped to create or safeguard nearly 50,000 jobs in the UK. The technologies developed in these projects are projected to save over 288 million tonnes of CO₂, the equivalent of removing the lifetime emissions from 12 million cars.

With its deep sector expertise and cutting-edge knowledge of new propulsion technologies, APC's role in building and advising project consortia helps projects start more quickly and deliver increased value. In the longer term, its work to drive innovation and encourage collaboration is building the foundations for a successful and sustainable UK automotive industry.

In 2019 the UK government committed the Automotive Transformation Fund (ATF) to accelerate the development of a net-zero vehicle supply chain, enabling UK-based manufacturers to serve global markets. ATF investments are awarded through the APC to support strategically important UK capital and R&D investments that will enable companies involved in batteries, motors and drives, power electronics, fuel cells, recycling, and associated supply chains to anchor their future.

For more information go to apcuk.co.uk or follow us @theapcuk on Twitter and Advanced Propulsion Centre UK on LinkedIn.

NOTES TO EDITORS:

The term 'safeguarded jobs' means continued employment for existing roles that otherwise might be lost in some sectors rather than new jobs created.

All job and CO₂ figures are cumulative forecasts and cover a 10-year range from the start of the project. A percentage 'risk' calculation is applied to these forecast figures to account for unknown market forces that may change how a business operates. It also ensures that we are not overstating the benefits. We adjust this weighting periodically as more analysis becomes available.

Throughout the lifetime of the project we regularly reassess and adjust the figures and apply risk methodology to the metrics in line with Department of Business Energy and Industrial Strategy guidelines.

Lifetime emissions comparison metrics are calculated based on an average annual mileage of 7,400 miles, in a vehicle with CO₂ emissions at 149.6 g/km and vehicle life of 13.9 years. This is in line with the latest SMMT data.