Tata Group UK gigafactory investment - APC statement

The Advanced Propulsion Centre's (APC) CEO, Ian Constance, has described today's confirmation that Tata will invest over £4 billion in a UK gigafactory creating thousands of jobs, as a huge boost to UK electric vehicle (EV) manufacturing.

Speaking following today's (19/07/2023) announcement, he said:

"The UK offers an extremely competitive landscape for investment in the full research, development, and manufacturing ecosystem for electric vehicle technologies and this has been recognised by Tata.

Their commitment to this gigafactory development has already had a transformative impact in awakening the battery supply chain sector to opportunities in the UK.

Our insight, based on our unique relationships with vehicle manufacturers, shows that by 2030 the UK will need over 89GWh per annum of batteries for cars and light commercials alone and represents over 11% of the total demand across Europe.

We have a vibrant and diverse industry, and Tata's significant investment through JLR in R&D and manufacturing will help establish competitive supply chains and satisfy this burgeoning demand – and in doing so will create thousands of highly-skilled, green jobs.

Today marks a significant milestone for the UK, as the batteries produced by Tata will not only work towards fulfilling the UK demand for electric vehicle production but will also boost businesses involved in the UK EV supply chain, meaning the impacts will be far reaching.

This announcement is a major step in putting the UK at the forefront of the global energy transition, unlocking huge private sector investment that will develop the technology and skills required for Britain to play its part in the next industrial revolution.

It demonstrates the UK's competitive position for high technology manufacturing and chemicals processing industries and given the energy-intensity of these new industries, recent Policy support and the rapid decarbonisation of our power generation places the UK in a very competitive position.

This not only shortens supply chains but also allows for sustainable battery production. This is a truly historic day and a pivotal moment as we move towards a zero-carbon future."

Ends

About the Advanced Propulsion Centre

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 199 low-carbon projects involving 450 partners, working with companies of all sizes, and will have helped to create or safeguard over 55,000 jobs in the UK. The technologies developed in these projects are projected to save over 350 million tonnes of CO2, the equivalent of removing the lifetime emissions from 14.1 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, 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.
The term 'safeguarded jobs' means continued employment for existing roles that otherwise might be lost in some sectors rather than new jobs created.
NOTES TO EDITORS:
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 for Business and Trade 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.