



****FOR IMMEDIATE RELEASE****

FREIGHT INNOVATOR TEVVA SECURES MULTI-MILLION POUND FUNDING TO DEVELOP LONG-RANGE ELECTRIC TRUCKS

The funding, which also supports Tevva's partner Advanced Electric Machines (AEM), will accelerate the Sustainable, Affordable, Next Generation Range-Extended EVs for Advanced Logistics (SANGREAL) Project

London, UK, [4] October 2021: Tevva, the electric truck pioneer, is pleased to announce that it has received £4.2 million, the majority share of a £5.7 million total grant from the UK's Advanced Propulsion Centre (APC). This grant will help finance the development of Tevva's next generation, zero-emission, long-range medium duty trucks (7.5 to 19t Gross Vehicle Weight).

The grant will be utilised to advance the SANGREAL Project, a £12.2 million collaboration between Tevva and Advanced Electric Machines (AEM), an internationally recognised designer and manufacturer whose vision is to build the most sustainable motors in the world.

As the electrification of the Medium to Heavy Duty truck market has largely been overlooked, Tevva and AEM will build upon their combined, existing and world-class experience in commercial vehicle electrification to accelerate the development of Tevva's fuel cell range extended Medium to Heavy Duty Commercial Electric Vehicles for the 7.5–19t "back to base" logistics market.

The project involves the design and development of an innovative electric transaxle and intelligent vehicle propulsion control system with on-board telematics which is designed to optimise the use of the H2 Fuel Cell Range extender for operating range and reliability and enable predictive and preventative servicing.

SANGREAL will create and safeguard vital UK-based research and manufacturing jobs, delivering cost and environmental benefits to the industry as well as to social stakeholders and the public. It will ensure that the UK remains at the forefront of the global fight against climate change, as Britain continues its pledge to Build Back Better, cementing its position as a world leader in the development of sustainable, low carbon automotive technologies.

Ken Scott, Chief Engineer at Tevva, said:

"We are humbled and proud to be receiving this grant to continue developing Tevva's groundbreaking technology in the EV market. We are developing zero-emission solutions for higher weight class "return to base" logistics vehicles that offer true cost of ownership benefit, compared to existing diesel offerings, with extended range - which is truly revolutionary for our industry. This funding will help make this a reality in the near-future."

Jon Beasley, Business Development and Programmes Director at the Advanced Propulsion Centre, said:

"The automotive industry is at a pivotal point. Great ideas will not move the dial on decarbonisation unless they are on the road and taking the place of more polluting technology."



“The future movement of people and goods needs to be efficient and green. There has been real progress in the decarbonisation of cars to meet the UK Government’s plans to phase-out sales of new petrol and diesel cars and vans from 2030. However, the pathways for Medium and Heavy duty and long-range transport are less clear.

“Further innovation and technology development is needed to decarbonise our buses, HDVs and off-highway vehicles and this is why we are delighted to be supporting Tevva and Advanced Electric Machines to deliver ground-breaking projects such SANGREAL.”

James Widmer, CEO of Advanced Electric Machines, said:

“These new technologies, when deployed, are expected to deliver market leading performance. We are impressed by Tevva’s progress and see the true potential in the company to develop groundbreaking technology to sustain heavy weighted zero emission trucks. We are confident that the funding provided by this grant will help drive the clean freight industry forward.”

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TEVVA MEDIA RELATIONS CONTACT:

Megan Kovach and Emily Holtzman, email: tevva@secnewgate.co.uk

About Tevva:

Tevva is an electric truck company with a spectrum of options for high efficiency, zero-emission medium to heavy duty trucks. Our revolutionary range extension technology allows our vehicles to do all the work of a diesel, with total peace of mind about range and environmental impact. Tevva is leading the drive to zero-emissions freight. We have vehicles on the road already, getting the job done, and are focused on optimizing H2FC integration into our solution.

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 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.

About Advanced Electric Machines:

Based in the North East of England, AEM was founded in 2017, when it was spun out from Newcastle University's world-class electric motor research team, led by AEM's CEO, James Widmer, and CTO, Andy Steven.

AEM's vision is to design and build the world's most sustainable EV motors to the global automotive and transport sectors, from its UK facilities. It utilises its expertise in materials, manufacturing and design to ensure its solutions are more sustainable, efficient and cost-effective.

Since 2018, over £25 million of investment has been committed to the development of AEM technologies through a combination of government grants, and equity investment. It has registered several international patents on its proprietary technology since 2016.