McLAREN AUTOMOTIVE COLLABORATES ON FUTURE COMBUSTION TECHNOLOGY

McLaren Automotive has announced a strategic project to design and develop technology for the next generation of powertrains. Working with a number of partners including BMW Group, the project will develop new combustion technology that will deliver a higher output per capacity than currently possible. It also aims to further facilitate CO_2 reductions while simultaneously increasing engine output. The technology is destined for application in future McLaren engines.

The project, supported and part-funded by UK Government through the Advanced Propulsion Centre (APC), will also improve the UK's development and production capabilities of low-CO_2 internal combustion engine technology. The project will be led by McLaren Automotive but involves a total of six partners. McLaren Automotive will work with its existing engine manufacturing partner, Ricardo, and BMW Group while Grainger and Worrall will deliver complex, lightweight casting technology. Lentus Composites will contribute knowledge in specialist composite structures. Completing the syndicate is the University of Bath who bring their advanced research and development capabilities in internal combustion engine systems efficiency.

Commenting on the collaboration, Chief Executive Officer of McLaren Automotive, Mike Flewitt, said: *'This is an exciting project that plays to the strengths of all partners. McLaren Automotive has an exceptional reputation for building the world's finest engines, as showcased by our M838T and its previous category wins in the International Engine of the Year awards. We will continue to independently design and build our own engines, and the benefits of this project will help us accelerate the development of our next generation of powertrain, as confirmed in our recently-announced Track22 business plan.'*

Ends
Notes to Editors:

A selection of high resolution images accompanying this release is available to download from the McLaren Automotive media site – cars.mclaren.press.

About McLaren Automotive:

McLaren Automotive is a British manufacturer of luxury, high-performance sports and super cars, located at the McLaren Technology Centre (MTC) in Woking, Surrey. For the past 30 years, McLaren has pioneered the use of carbon fibre in

vehicle production and since introducing a carbon chassis into racing and road cars with the 1981 McLaren MP4/1 and 1993 McLaren F1 respectively, McLaren has not built a car without a carbon fibre chassis.

Following the global launch of McLaren Automotive in 2010, the groundbreaking 12C was revealed in 2011, the 12C Spider in 2012, and the limited-run McLaren P1™ went into production in 2013. In keeping with its plan to introduce a new model each year, the company unveiled the 650S, in Coupé and Spider form in 2014, while 2015 proved to be a year of unprecedented growth of the product portfolio with five new models launched across the full range. The strictly limited edition 675LT Coupé premiered at the Geneva Motor Show alongside the track-only McLaren P1™ GTR which, with 1,000PS, became the most powerful model ever produced by the brand. The much-anticipated Sports Series became the third – and final – model tier in the McLaren range with the 570S Coupé and 540C Coupé debuting in New York and Shanghai respectively, less than one month apart. The end of 2015 saw the launch of the fifth model, the 675LT Spider, which was as a direct response to customer demand. The year also saw the end of production for the first model in the Ultimate Series as the 375th McLaren P1™ was completed, closing what had become a defining year for the British brand. 2016 continued where 2015 had left off with the introduction of the 570GT - a second bodystyle for the Sports Series and the most luxurious car McLaren has ever built, as well as the 570S GT4 and 570S Sprint track variants. 2016 also marked the introduction of the company's new business plan, Track22, which sees the company investing £1B in Research and Development to deliver 15 all new cars or derivatives by the end of 2022, of which at least 50% will feature hybrid technology. The uplift in sales in 2016 also saw the launch of the second shift at the McLaren Production Centre as well as the company's third year of profitability in just six years of trading.

McLaren Automotive Partners

To support the development, engineering and manufacture of its range of innovative and highly acclaimed sports cars, McLaren Automotive has partnered with world leading companies to provide specialist expertise and technology including, AkzoNobel, Pirelli and SAP.

Visit **cars.mclaren.com** for more details.

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