



For immediate release

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Haydale Graphene Industries plc

Haydale and Briggs Automotive Company Announce Technical and Commercial Partnership

Haydale, the global advanced materials group, is pleased to announce that it has entered into a technical and commercial partnership with Briggs Automotive Company (“BAC”). BAC, in conjunction with Haydale, pioneered the use of graphene-enhanced carbon fibre body panels in its highly-acclaimed Mono super-car which demonstrated significant weight reduction and improved composite structural performance.

BAC Mono is the world’s only single-seater, road-legal supercar that is designed to offer the most authentic and pure driving experience possible. BAC continues to push the boundaries and embrace new technology and Haydale hopes to play a fundamental role in helping it achieve its goals.

This partnership will enable BAC to utilise Haydale’s graphene-based technology in further development of the ultra-lightweight Mono supercar and future vehicle advancements. Future development and testing is envisaged in the wider use of graphene-enhanced body panels and the use of such advanced composites in automotive and motorsport chassis structures. The use of printed sensors utilising Haydale graphene-based inks should open up a wide range of technical possibilities to further optimise design considerations and improve vehicle performance. The ultimate aim is to enhance driver experience and safety.

BAC is committed to using the latest technological developments in its current and future vehicles and Haydale will work closely with BAC to capitalise on the commercial opportunities that are now becoming a reality. It is envisaged that this partnership will explore near and medium-term technological advances with a view to near term commercialisation.

Commenting Ray Gibbs, CEO of Haydale, said: “We recognise the strength that the BAC Mono brand has globally. We believe our graphene and Silicon Carbide (SiC) fibre materials can improve almost all parts of a vehicle, from tyres, to body panels, digital display screens, driver diagnostics and even graphene heated seats. There are hidden elements to improve such as rubber seals and couplings and

then SiC improved brakes. As a shop window for our technology, what better way to show Haydale's potential by demonstrating our products in considerably enhancing many aspects of the ultimate supercar."

Ian Briggs, Co-Founder and Design Director, said: "As the BAC Mono is the ultimate driver's car that is always challenging convention and looking for technological advancements, we're delighted to officially join forces with Haydale and continue our fantastic relationship. Haydale has played a fundamental role in BAC's graphene achievements so far, and we're looking forward to further technological firsts in collaboration with Haydale."

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About Haydale

Haydale is a global technologies and advanced materials group that facilitates the integration of nanomaterials into the next generation of commercial technologies and industrial materials. With expertise in graphene, silicon carbide and other nanomaterials, Haydale is able to deliver improvements in electrical, thermal and mechanical properties, as well as toughness. Haydale has granted patents for its technologies in Europe, USA and China and operates from six facilities in the UK, USA and the Far East.

For more information please visit: www.haydale.com

Twitter: @haydalegraphene

About BAC

Bespoke supercar manufacturer BAC (Briggs Automotive Company) is based in Liverpool and was co-founded by brothers Ian and Neill Briggs. It produces the fast and highly acclaimed Mono supercar, a single-seater formula-style car that provides a visceral and exhilarating driving experience.

Since its launch in 2011 it has been going from strength to strength and is now sold in several markets around the world. It launched with great success and fanfare in Hong Kong at the end of 2015, with eight cars sold in a single night. BAC dealers can also be found in North America, Japan and London.

The 2016 model year version of the Mono comes with a four-cylinder 305bhp 2.5-litre Mountune engine, which takes the 580kg car from 0-60mph in just 2.8sec. BAC recently launched a carbon hybrid wheel and announced the use of super material graphene, which is up to 20 per cent lighter than carbon fibre and as much as 200 times stronger than steel.

Despite its global appeal, BAC Mono remains proudly British, with parts sourced from its home country wherever possible.

Useful links:

Website: www.bac-mono.com

Facebook: [facebook.com/bacmono](https://www.facebook.com/bacmono)

Twitter: twitter.com/DiscoverMono