

[17 July 2014]

Haydale Graphene Industries plc

(“Haydale” or the “Company”)

Consulting Agreement with The InVentures Group

Haydale Graphene Industries plc (AIM:HAYD), the Company focused on enabling technology for the commercialisation of graphene and other nano materials, is pleased to announce a consulting agreement with New York based The InVentures Group (“InVentures”) (“Agreement”) to accelerate the commercial application of its plasma functionalisation technology in graphene, carbon nanotubes and other high performance nanomaterial systems.

Pursuant to the terms of the Agreement, a retainer will be paid by Haydale over an initial 12 month period, during which time InVentures will promote Haydale’s plasma functionalisation technology to potential R&D customers and commercial partners in Haydale’s target markets of inks and coatings, composites and energy harvesting. Further, InVentures will identify and prioritise areas of application for Haydale’s plasma based functionalisation technology and seek to engage high profile organisations as potential strategic partners, customers and/or licensees.

A warrant agreement has been signed between the Company and InVentures which grants InVentures up to 60,000 warrants to subscribe for ordinary shares of £0.02p each in the Company (“Ordinary Shares”) at an exercise price of £1.60 subject to the satisfaction of certain vesting conditions relating to the revenues generated by InVentures for the Company in the period to 30 June 2015. These warrants have an exercise period beginning on 1 July 2015 and ending on 30 June 2018.

The total number of options and warrants now outstanding over Ordinary Shares is 1,021,215 representing 9.1% per cent. of the Company’s ordinary issued share capital.

Ray Gibbs, CEO at Haydale, commented: “Haydale’s goal is to be the premier solutions provider in enabling commercialisation of certain nano materials such as graphenes. Our novel functionalisation process enables the nano particles to be uniformly dispersed in a target material. In our view, dispersion is the key to commercialising materials like graphenes and recent third party results demonstrate that our technology works well. This Agreement will enable Haydale to increase significantly its market presence in North America and Canada. We expect this Agreement to allow a greater number of potential R&D customers to test and analyse our plasma functionalised materials for integration into their specific products and applications.”

“We are excited to be working with the outstanding team at InVentures, most of whom have spent their careers developing, scaling, and commercialising advanced materials and understand the challenges and opportunities. Their reputation, relationships, and network of partners and customers combined with their experience in overcoming the hurdles that face companies introducing new materials into established markets is expected to serve Haydale well as we look to expand the impact of our technology onto the global market.”

Keith Blakely, Chairman and CEO of InVentures, commented: “Graphene is unquestionably one of the most exciting material discoveries so far this century and has astounding intrinsic properties including incredible strength, the highest thermal and electrical conductivity known, and other characteristics that have the potential to impact nearly every industry. We are very excited to be working with Haydale to accelerate the process of identifying specifically in the North American and Canadian markets the most promising applications of their technology and materials in commercial applications.”

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About Haydale

Haydale has developed a patent pending proprietary scalable plasma process to functionalise graphene and other nanomaterials. This enabling technology can provide Haydale with a rapid and highly cost efficient method of supplying tailored solutions to enhance applications for both raw material suppliers and product manufacturers.

Functionalisation is carried out through a low pressure plasma process that treats both organic mined fine powder and other synthetically produced nanomaterial powders producing high quality few layered graphenes and graphene nano platelets. The process can functionalise with a range of chemical groups, where the amount of chemicals can be tailored to the customer needs. Good dispersion improves the properties and performance of the host material and ensures it delivers as specified.

The Haydale plasma process does not use wet chemistry, neither does it damage the material being processed, rather it can clean up impurities inherent in the raw material. The technology is a low energy user and most importantly environmentally friendly. The Haydale method is an enabling technology where working with a raw material producer can add value to the base product and tailor the outputs to meet the target applications of the end user.

Haydale, based in South Wales, housed in a purpose built facility for processing and handling nanomaterials with a laboratory facility, is facilitating the application of graphenes and other nanomaterials in fields such as inks, sensors, energy storage, photovoltaics, composites, paints and coatings.

www.haydale.com

About The InVentures Group

The InVentures Group delivers strategic forward thinking and mentoring to start-up and established companies. They specialise in high technology companies, products and services with an emphasis on assisting in the complex and highly challenging task of bringing new product ideas and technology to market. InVentures are specialists in bringing new technologies to the North American market and instrumental in the formation of the Graphene Stakeholders Association (GSA) in 2012,

For more information, visit www.theinventuresgroup.com