20 May 2016

Haydale Graphene Industries plc

("Haydale" or the "Company")

Director Dealing

Haydale (AIM: HAYD), the group focused on the commercialisation of graphene and other nano particle products using its proprietary plasma process, announces the following transactions by Ray Gibbs, Chief Executive:

1. purchase of 6,071 ordinary shares of 2 pence each in the Company ("Ordinary Shares") at a price of 171 pence per share on 19 May 2016 (“Purchase”); and

2. transfer of 14,939 Ordinary Shares at a price of 171 pence per share by Mr Gibbs from his personal name into his SIPP on 19 May 2016, with no change in Mr Gibbs’ beneficial holding.

Following the Purchase, Mr Gibbs’ beneficial interest in the Company has increased by 6,071 Ordinary Shares to 476,000 Ordinary Shares, representing 3.12% of the issued share capital of the Company.

The Company has 15,236,946 Ordinary Shares in issue. The figure of 15,236,946 Ordinary Shares may be used by shareholders of Haydale as the denominator for the calculations to determine if they are required to notify their interest in, or a change to their interest in, the Company under the FCA's Disclosure and Transparency Rules.

- Ends -

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About Haydale (www.haydale.com)

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.