

Haydale Graphene Industries plc

("Haydale" or the "Group")

Haydale Plc and Flowtite Technology AS to create next generation GRP pipe products

Haydale Graphene Industries plc (AIM: HAYD), the Group focused on enabling technology for the commercialisation of graphene and other nano materials, is pleased to announce a new joint development agreement ("JDA") to develop class-leading pipeline solutions utilising advanced materials technology including Haydale functionalised graphene based thermosetting resin masterbatches.

Flowtite Technology AS is the wholly owned GRP Pipe technology and R&D Centre of The Saudi Arabian Amiantit Company ("Amiantit") the world's largest glass fibre reinforced plastic ("GRP") pipe company which has to date delivered over 6 million metres of pipe across five continents. The company has annual revenues in excess of USD\$700 million, and is a leading global supplier of water transport, sewer, irrigation and gas systems.

A joint research programme is now underway between Haydale and Flowtite Technology, Amiantit's R&D headquarters based in Norway.

Under the terms of the two year agreement Haydale will, assuming a successful outcome from the initial trial, grant Amiantit exclusive worldwide rights to develop its unique technology in next generation GRP pipe systems for water and sewerage applications.

Ray Gibbs, CEO of Haydale said:

"We are delighted to be working with Amiantit, the global leader and leading innovator in its sector. This is a very significant market internationally and we couldn't hope for a better partner to validate our technology and create superior pipes for the water and sewerage industry."

Nick Crofts, Managing Director of Amiantit Europe added:

"Amiantit is always seeking to increase customer value through superior design, technology and quality. We focus on enhancing the hydraulic, mechanical, thermal and electrical properties of our pipelines. Haydale brings proprietary materials technology including functionalised graphene and carbon nanotubes. These materials have already demonstrated significant performance benefits within composite materials."

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About Haydale

Haydale has developed a patented 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 patented low-pressure plasma process that treats both mined, organic fine powder and other synthetically produced nanomaterial powders, producing high-quality few layered graphenes and graphene nanoplatelets. The process can functionalise with a range of chemical groups, with the level of functionalisation tailored to the customer's needs. Good dispersion improves the properties and performance of the host material and ensures the final product performs as specified.

The Haydale plasma process does not use wet chemistry, nor does it damage the material being processed; rather, it can clean up any impurities inherent in the raw material. The technology is a low energy user and most importantly environmentally friendly. The Haydale process is a patented enabling technology, allowing the Group to work with a raw material producer who seeks to add value to the base product and tailor the outputs to meet the target applications of the end user.

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

www.haydale.com Twitter: @haydalegraphene

About Amiantit

The Saudi Arabian Amiantit Company (Amiantit) was established in 1968 in Dammam in the Kingdom of Saudi Arabia to manufacture pipes for the local market. Since then, Amiantit has grown and developed into a major diversified industrial group with operations spanning the globe. The Groups core business activities comprise:

- Manufacture and sale of pipe systems;
- Ownership and sale of pipe technologies;
- The provision of water management consultancy & engineering services; and
- Manufacture and supply of polymer products.

Today, Amiantit markets a wider range of pipe products than any other pipe manufacturer, and provides a total solution to customers fluid transfer needs, designed to optimise the applied technology and costs. The Group serves municipal, civil engineering, industrial, energy, and agricultural markets worldwide, supporting global infrastructure development.

The Group comprises 30 pipe system manufacturing plants, 6 technology companies, 4 materials suppliers, and 8 supply and engineering subsidiaries, in a number of countries around the globe. In

addition, an extensive sales and service network caters for the needs of customers in more than 70 countries around the world.

Amiantit is headquartered in the Kingdom of Saudi Arabia, where its shares are listed on the Saudi Stock Exchange.

www.amiantit.com