

RNS REACH

Haydale Graphene Industries plc
('Haydale', the 'Company', or the 'Group')

Haydale Announces Innovation Agreement with Gerdau Graphene in Graphene Research

Haydale (AIM: HAYD) a leading innovator in advanced materials and nanotechnology, is pleased to announce a new contract agreement with Gerdau Graphene, a Gerdau Next company, Gerdau's new business unit, created with the aim of diversifying the company's portfolio with products and services in several segments adjacent to steel.

Gerdau Graphene focuses on the development, industrialisation and commercialisation of chemical additives, mineral additions and masterbatches with carbon-based nanomaterials, such as graphene.

Strategic Partnership and Market Potential

This collaboration between HAYDALE and Gerdau Graphene, will facilitate the development of graphene infused product lines and synergy between the advanced materials.

Keith Broadbent, CEO of Haydale, commented: *"We are thrilled to enter this transformative partnership with Gerdau Graphene. Our Functionalised graphene technology represents a breakthrough in enhanced efficiency, and this deal underscores our commitment to leveraging our nanomaterial expertise for impactful innovation and positive environmental solutions. This collaboration not only enhances our market position but also contributes meaningfully to global sustainability efforts."*

Valdirene Peressinotto, Executive and Innovation Director at Gerdau Graphene, said: *"We hope Haydale will provide a unique solution for us and we look forward to working with their team in the UK to find these improvements in our product offering"*.

For further information:

Haydale Graphene Industries plc
Keith Broadbent, CEO
Patrick Carter, CFO
Mark Bolt, Sales & Marketing Manager

www.haydale.com
Via Walbrook PR as below

Cavendish Capital Markets Limited (Nominated Adviser & Broker)
Julian Blunt / Edward Whiley, Corporate Finance
Andrew Burdis, ECM

Tel: +44 (0)20 7220 0500

Walbrook PR (Media & Investor Relations)

Paul McManus / Joseph Walker
Nick Rome / Louisa Ansell

Tel: +44 (0)20 7933 8780 or
haydale@walbrookpr.com

Mob: +44 (0)7980 541 893 / +44 (0)7407 020 470
Mob: +44 (0)7748 325 236 / +44 (0)7788 151 967

Notes to Editors:

About Haydale

Haydale is a global technologies group and service provider that facilitates the integration of graphene and other nanomaterials into the next generation of industrial materials and commercial technologies. With expertise in graphene, other nanomaterials and Silicon Carbide, Haydale is able to deliver improvements in electrical, thermal and mechanical properties. Haydale has been granted patents for its technologies in Europe, USA, Australia, Japan and China and operates from five sites in the UK, USA and the Far East. For more information please visit: www.haydale.com or Twitter: @HaydaleGroup

About Gerdau Graphene

Gerdau Graphene is a Gerdau Next company, Gerdau's new business unit, created with the aim of diversifying the company's portfolio with products and services in several segments adjacent to steel. Focused on the development, industrialisation and commercialisation of chemical additives, mineral additions and masterbatches with carbon-based nanomaterials, such as graphene. Gerdau Graphene delivers solutions that provide performance gains for the paint, cement (concrete and mortar), plastics, rubber and lubricant industries, with the incorporation of graphene in its formula.

About Gerdau

With 123 years of history, Gerdau is the largest Brazilian steel producing company and one of the main suppliers of long steel in the Americas and special steel in the world. In Brazil, it also produces flat steel, as well as iron ore for its own consumption. In addition, it has a new business division, Gerdau Next, with the aim of undertaking operations in segments adjacent to steel. With the purpose of empowering people who build the future, the company is present in several countries and has more than 30 thousand direct employees in all its operations. The largest recycler in Latin America, Gerdau uses scrap as an important raw material: 71% of the steel it produces is made from this material. Every year, 11 million tons of scrap are transformed into various steel products. The company is also the largest producer of charcoal in the world, with more than 250 thousand hectares of forestry in the state of Minas Gerais. As a result of its sustainable production matrix,

Gerdau currently has one of the lowest average greenhouse gas emissions (CO₂e), at 0.86 t of CO₂e per ton of steel, which represents approximately half the global average sector, 1.91 t of CO₂e per ton of steel (worldsteel). For 2031, Gerdau's goal is to reduce carbon emissions to 0.82 t of CO₂e per ton of steel. Gerdau shares are listed on the São Paulo (B3) and New York (NYSE) stock exchanges.

Caution regarding forward looking statements

Certain statements in this announcement, are, or may be deemed to be, forward looking statements. Forward looking statements are identified by their use of terms and phrases such as "believe", "could", "should", "envisage", "estimate", "intend", "may", "plan", "potentially", "will" or the negative of those, variations or comparable expressions, including references to assumptions. These forward-looking statements are not based on historical facts but rather on the Directors' current expectations and assumptions regarding the Company's future growth, results of operations, performance, future capital and other expenditures (including the amount, nature and sources of funding thereof), competitive advantages, business prospects and opportunities. Such forward looking statements reflect the Directors' current beliefs and assumptions and are based on information currently available to the Directors.

A number of factors could cause actual results to differ materially from the results discussed in the forward-looking statements including risks associated with vulnerability to general economic and business conditions, competition, environmental and other regulatory changes, actions by governmental authorities, the availability of capital markets, reliance on key personnel, uninsured and underinsured losses and other factors, many of which are beyond the control of the Company. Although any forward looking statements contained in this announcement are based upon what the Directors believe to be reasonable assumptions, the Company cannot assure investors that actual results will be consistent with such forward looking statements. Accordingly, readers are cautioned not to place undue reliance on forward looking statements. Subject to any continuing obligations under applicable law or any relevant AIM Rule requirements, in providing this information the Company does not undertake any obligation to publicly update or revise any of the forward looking statements or to advise of any change in events, conditions or circumstances on which any such statement is based.

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