

DEFINED TERMS IN THIS ANNOUNCEMENT SHALL HAVE THE SAME MEANING AS IN THE 'PROPOSED PLACING, SUBSCRIPTION & RETAIL OFFER' ANNOUNCEMENT, RELEASED ON 15 SEPTEMBER, UNLESS OTHERWISE SPECIFIED.

HAYDALE GRAPHENE INDUSTRIES PLC

("Haydale" or the "Company")

Director/PDMR Dealing

and

Total Voting Rights

Haydale (AIM:HAYD), the global advanced materials group, announces that as detailed in the Company's Fundraising announcement on 15 September 2023, the following Directors of the Company have acquired in aggregate 8,000,000 new ordinary shares of 0.1 pence each in the Company ("**Ordinary Shares**"), at the Issue Price of 0.5 pence per share:

<i>Name</i>	<i>Number of existing Ordinary Shares</i>	<i>Percentage of existing issued share capital</i>	<i>Number of New Ordinary Shares subscribed for</i>	<i>Total number of Ordinary Shares held on Admission</i>	<i>Percentage of Enlarged Share Capital on Admission</i>
David Banks	5,000,000	0.64%	3,000,000	8,000,000	0.44%
Keith Broadbent	1,952,381	0.25%	3,000,000	4,952,381	0.27%
Patrick Carter	-	-	1,000,000	1,000,000	0.05%
Theresa Wallis	1,011,904	0.13%	1,000,000	2,011,904	0.11%

Total Voting Rights

As Admission has now taken place for all of the New Ordinary Shares to be issued pursuant to the Fundraising, the total number of Ordinary Shares in issue is now 1,798,462,051 with the Company holding no Ordinary Shares in treasury. Therefore the total number of voting rights is also 1,798,462,051. This figure may be used by shareholders as the denominator for the calculations by which they will determine if they are required to notify their interest in, or a change to their interest in, the share capital of the Company under the FCA's Disclosure Guidance and Transparency Rules.

-Ends-

For further information:

Haydale Graphene Industries plc
Keith Broadbent, CEO
Patrick Carter, CFO

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Cavendish Capital Markets Limited (Nominated Adviser & Broker)

Tel: +44 (0) 20 7220 0500

Julian Blunt / Edward Whiley / George Dollemore, Corporate Finance

Andrew Burdis, ECM

Notes to Editors

Haydale is a global technologies and materials group that facilitates the integration of graphene and other nanomaterials into the next generation of commercial technologies and industrial materials. With expertise in graphene, silicon carbide and other nanomaterials, Haydale can deliver improvements in electrical, thermal, and mechanical properties, as well as toughness through its state-of-the-art functionalisation. Haydale has 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

LinkedIn: Haydale-ltd

Twitter: @haydalegraphene

The notification below is made in accordance with the requirements of the EU regulation on market abuse which forms part of UK law by virtue of the European Union (Withdrawal) Act 2018.

1.	Details of the person discharging managerial responsibilities/person closely associated							
a)	Name:	David Banks						
2.	Reason for the notification							
a)	Position/status:	Non-Executive Chair						
b)	Initial notification/Amendment:	Initial Notification						
3.	Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor							
a)	Name:	Haydale Graphene Industries plc						
b)	LEI:	213800KNULBQFF25IE72						
4.	Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted							
a)	Description of the financial instrument, type of instrument: Identification code:	Ordinary Shares of 0.1 pence per share GB00BKWQ1135						
b)	Nature of the transaction:	Acquisition of new Ordinary Shares						
c)	Price(s) and volume(s):	<table border="1"> <thead> <tr> <th>Price(s)</th> <th>Volume(s)</th> </tr> </thead> <tbody> <tr> <td>0.5 pence</td> <td>3,000,000</td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>	Price(s)	Volume(s)	0.5 pence	3,000,000		
Price(s)	Volume(s)							
0.5 pence	3,000,000							
d)	Aggregated information: -Aggregated volume: -Price:	See 4c) above						
e)	Date of the transaction:	5 October 2023						
f)	Place of the transaction:	London Stock Exchange, AIM						

1.	Details of the person discharging managerial responsibilities/person closely associated
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a)	Name:	Keith Broadbent						
2.	Reason for the notification							
a)	Position/status:	Chief Executive Officer						
b)	Initial notification/Amendment:	Initial Notification						
3.	Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor							
a)	Name:	Haydale Graphene Industries plc						
b)	LEI:	213800KNULBQFF25IE72						
4.	Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted							
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e)	Date of the transaction:	5 October 2023						
f)	Place of the transaction:	London Stock Exchange, AIM						

1.	Details of the person discharging managerial responsibilities/person closely associated							
a)	Name:	Patrick Carter						
2.	Reason for the notification							
a)	Position/status:	Chief Financial Officer						
b)	Initial notification/Amendment:	Initial Notification						
3.	Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor							
a)	Name:	Haydale Graphene Industries plc						
b)	LEI:	213800KNULBQFF25IE72						
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0.5 pence	1,000,000							
d)	Aggregated information: -Aggregated volume:	See 4c) above						

	·Price:	
e)	Date of the transaction:	5 October 2023
f)	Place of the transaction:	London Stock Exchange, AIM

1.	Details of the person discharging managerial responsibilities/person closely associated								
a)	Name:	Theresa Wallis							
2.	Reason for the notification								
a)	Position/status:	Non-Executive Director							
b)	Initial notification/Amendment:	Initial Notification							
3.	Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor								
a)	Name:	Haydale Graphene Industries plc							
b)	LEI:	213800KNULBQFF25IE72							
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f)	Place of the transaction:	London Stock Exchange, AIM							

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