



# Placement Completed and GEIC Officially Opened

## Highlights

- FGR has completed a placement to raise \$1.5m.
- Graphene Engineering Innovation Centre at University of Manchester officially opened on 10 December 2018.

Advanced materials company, First Graphene Limited ("**FGR**" or "**the Company**") (ASX: FGR) is pleased to report it has completed a placement of 10 million fully paid ordinary shares at a price of 15¢, with no attaching options to raise \$1.5m. The issue of the 10 million shares is within the Company's capacity under Listing Rule 7.1 and will not require shareholder approval. The placement was predominantly to existing institutional and family office shareholders. Funds will be used to support the commissioning of the facilities at GEIC and the recruitment of additional sales and technical staff.

### Graphene Engineering Innovation Centre (GEIC) Opening

The GEIC was officially opened on 10 December 2018 by His Royal Highness Prince Andrew, Duke of York.

The official opening was attended by VIP invitees from the political and business communities, including FGR Chairman, Warwick Grigor.

The official opening will be followed today by an Industry Showcase where 250 industrial attendees are anticipated. This will provide an opportunity for FGR's UK based staff to meet downstream partners.

Already there is considerable excitement around the development of new projects and collaborations and positive discussions are already progressing on composites, electrochemical manufacturing of Graphene Oxide, concrete and energy storage materials.

As a Tier 1 participant and provider of graphene materials to GEIC FGR is anticipating an increase in collaboration and sales during calendar 2019.

Chairman, Warwick Grigor, stated: "*The attendance at the opening of GEIC and the Industry Showcase provides a platform for FGR to display its products to a wider industrial audience. We look to 2019, as a year in which the concept becomes a reality, to when opportunity evolves to delivery. FGR is working on a number of new product verticals that it expects will lead to a strong sales growth curve as we progress into 2019.*"

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### ASX Symbol

FGR  
FGROC



HRH, the Duke of York and Professor Dame Nancy Rothwell Opening the GEIC



FGR Chairman, Warwick Grigor and Marketing Manager, Chris McMahon at the GEIC Opening

### **About First Graphene Ltd (ASX: FGR)**

First Graphene has established a commercial graphene production facility for the bulk scale manufacture of graphene at competitive prices. The Company continues to develop graphene related intellectual property from which it intends to generate licence and royalty payments.

The Company has collaboration arrangements with four universities and is at the cutting edge of graphene and 2D related material developments. Most recently First Graphene has become a Tier 1 participant in the Graphene Engineering and Innovation Centre (GEIC) of the University of Manchester. First Graphene is working with numerous industry partners for the commercialisation of graphene and is building a sales book with these industry partners.

### **PureGRAPH™ Range of Products**

The PureGRAPH™ range of products were released by FGR in September 2018, in conjunction with a detailed Product Information Sheet.

PureGRAPH™ graphene powders are available with lateral platelet sizes of 20µm, 10µm and 5µm. The products are characterised by their low defect level and high aspect ratio.

### **About Graphene**

Graphene, the well-publicised and now famous two-dimensional carbon allotrope, is as versatile a material as any discovered on Earth. Its amazing properties as the lightest and strongest material, compared with its ability to conduct heat and electricity better than anything else, means it can be integrated into a huge number of applications. Initially this will mean graphene is used to help improve the performance and efficiency of current materials and substances, but in the future, it will also be developed in conjunction with other two-dimensional (2D) crystals to create some even more amazing compounds to suit an even wider range of applications.

One area of research which is being very highly studied is energy storage. Currently, scientists are working on enhancing the capabilities of lithium ion batteries (by incorporating graphene as an anode) to offer much higher storage capacities with much better longevity and charge rate. Also, graphene is being studied and developed to be used in the manufacture of supercapacitors which can be charged very quickly, yet also be able to store a large amount of electricity.

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