

## ASX Announcement

5 December 2017

# First Shipment from Henderson Facility

**first graphene**

Australia's leading graphene company

Advanced materials company, First Graphene Limited ("FGR" or "the Company") (ASX: FGR) is pleased to announce its first commercial shipment from its Commercial Graphene Facility.

FGR is pleased to report that it has despatched its first graphene shipment from the Henderson facility, officially opened in late November. The shipment has gone to a USA-based construction materials company for testing in cement products, following on from an enquiry at the recent IDTechEx Conference in Santa Clara. This shipment demonstrates FGR's ability to meet customer orders from the facility and supply commercial quantities at short notice.

Building on our internal program to define and characterise the FGR portfolio of graphene products, we have concluded successful discussions with customers in Europe, who are impressed by our product delivery capabilities and are keen to move forward with prototyping trials. Samples have been despatched to these parties in Italy and the UK to complete these trials.

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### ASX Symbol

FGR

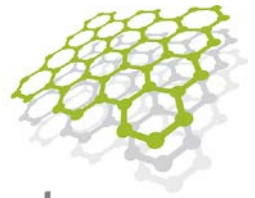


Graphene Product being Prepared for Shipment

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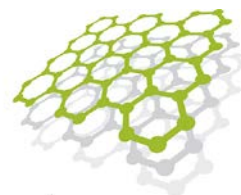


Product Palletised and Ready for Shipment

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

First Graphene produces high quality graphene from high grade Sri Lankan vein graphite.

First Graphene seeks to develop graphene production methods and acquire graphene related intellectual property which can provide further revenue related opportunities.

### 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.

For further information, please contact

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