

## ASX Announcement

27 November 2017

# Official Opening of Commercial Graphene Facility

**first graphene**  
Australia's leading graphene company

Advanced materials company, First Graphene Limited ("FGR" or "the Company") (ASX: FGR) is pleased to advise its Commercial Graphene Facility (CGF) was officially opened by Mr Josh Wilson MP, Federal Member for Fremantle on Thursday 23 November 2017.

The opening was attended by approximately forty guests, including professors from the three university partners with which FGR collaborates.

In his remarks at the opening FGR Chairman, Warwick Grigor stated "This Facility represents both the completion of one journey and the commencement of another.". Mr Grigor went on to explain the first part of the journey had commenced in May 2015 when testing of FGR's was undertaken at the University of Adelaide. "The tests were done, and they confirmed that not only could graphene be recovered, but of the 50 or more types of graphite that Professor Dusan Losic and his team had tested, the vein graphite gave the best results."



First Graphene Board Members at Thursday's Unveiling  
L to R; Chris Banasik, Peter Youd, Warwick Grigor and Craig McGuckin

### First Graphene Limited

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### Directors

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Craig McGuckin  
Peter R Youd  
Chris Banasik

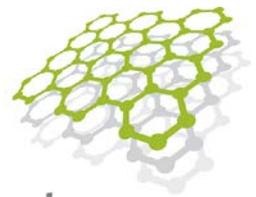
### Company Secretary

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### ASX Symbol

FGR



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Mr Grigor further stated, "There are two very impressive aspects of this wonderfully innovative venture. The first is the very short time frame in which it has been achieved. The second is the very small expenditure that has been involved. Both are a credit to the resourcefulness of the FGR team, led by our Managing Director, Craig McGuckin. Through careful management and sourcing of equipment for this production facility, management has been able to achieve excellent costs reductions. In many cases these saving have been up to 80%. Rather than accept off-the-shelf quotes from German suppliers, Craig has engaged with manufacturers in China to design and procure equipment at significant savings. That is what good management does for a company."

In officially opening the facility Mr Wilson remarked "It really is no exaggeration to say that graphene will likely be one of the defining substances and technologies of the 21st century. It is wonderful that the enormous potential of graphene will be explored and enabled through a production facility here in Henderson; in the Fremantle electorate; in the state of Western Australia. It's exactly the kind of smart, innovative, cutting-edge business that we should be in; that we need to be in." Mr Wilson went on to state "I expect that the development of processes and applications that involve graphene – like the development of renewable energy technology; like innovations in medical science – will have a particularly profound beneficial impact in countries that face development challenges, including a number of countries in our region. Making a contribution to lifting the standard of living and the quality of life the world over through invention and innovation is a great Australian tradition."

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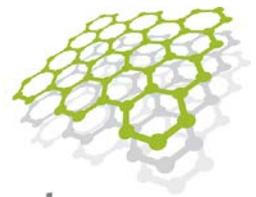


Mr Josh Wilson MP, Federal Member for Fremantle speaking at Thursday's official opening.

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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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