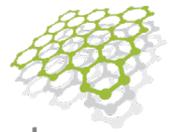


ASX Announcement

3 February 2020



first graphene

The world's leading graphene company

Continuing Positive Results from Mining Industry Field Trials

HIGHLIGHTS

- PureGRAPH® enhanced bucket liner provided by newGen has now successfully completed 24 weeks of field trials.
- Inspections indicate the ArmourGRAPH™ bucket liner shows no signs of advanced wear or scalloping.
- Assessment by the client, a leading iron ore producer in the Pilbara, will continue for a further 12 weeks.
- newGen's client has installed a second ArmourGRAPH™ liner at the same site.

Advanced materials company, First Graphene Limited ("FGR" or "the Company") (ASX: FGR) is pleased to provide an update on the status of the ArmourGRAPH™ bucket liner provided by newGen to a major Pilbara iron ore producer.

As advised on 5 December 2019 newGen had provided an ArmourGRAPH™ bucket liner to a major iron ore producer for trial containing PureGRAPH®20. The bucket liner shows no signs of advanced wear or scalloping as would normally be experienced with the liners currently used in industry after 24 weeks of use. The client will continue the trial, with a further inspection to be undertaken in 12 weeks.

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ASX Symbol

FGR

FGROC

Frankfurt Stock Exchange

FSE:M11

Photographs provided by the client's inspection team are set out below.



newGEN's ArmourGRAPH™ bucket after twenty four weeks in service shows no signs of advanced wear or scalloping

The client has also installed a second ArmourGRAPH™ bucket liner at the same Pilbara mine site.

With this liner performing well it is expected further ArmourGRAPH™ liners will be installed with other newGen clients in the near future.

Craig McGuckin, Managing Director for First Graphene Ltd., said, "*PureGRAPH® enhanced products continue to provide excellent performance in trials being conducted by this major iron ore producer. We are encouraged by these trials, as only First Graphene has the capacity to deliver high volumes of high-quality graphene to users when they adopt graphene into their products.*"

About First Graphene Ltd (ASX: FGR)

First Graphene Ltd. is the leading supplier of high-performing, graphene products. The company has a robust manufacturing platform based upon captive supply of high-purity raw materials and an established 100 tonne/year graphene production capacity. Commercial applications are now being progressed in composites, elastomers, fire retardancy, construction and energy storage.

First Graphene Ltd. is publicly listed in Australia (ASX:FGR) and has a primary manufacturing base in Henderson, near Perth, WA. The company is incorporated in the UK as First Graphene (UK) Ltd. and is a Tier 1 partner at the Graphene Engineering and Innovation Centre (GEIC), Manchester, UK.

PureGRAPH® Range of Products

PureGRAPH® graphene powders are available in tonnage volumes with lateral platelet sizes of 20µm, 10µm and 5µm. The products are high performing additives, characterised by their high quality and ease of use.

*With authority of the board, this announcement has been authorised for release, by
Peter R. Youd
Director, Chief Financial Officer and Company Secretary*

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