

2nd July 2021

Distribution Agreement targets NZ concrete industry

HIGHLIGHTS

- **Exclusive distribution agreement signed to target New Zealand concrete industry**
- **Expands sales reach and representation into the construction sector in the region**
- **Opportunity to showcase commercial applications for PureGRAPH® product to global concrete industry**

First Graphene Limited (ASX:FGR; "First Graphene" or "the Company") is pleased to announce it has signed an exclusive distribution agreement with GtM Action Ltd (GtM) to provide representation and distribution into the New Zealand concrete market for its PureGRAPH® product line.

GtM is an Auckland-based company focussed on bringing cutting-edge technologies to market and is focused on applications for graphene technology across multiple sectors. GtM specialises in creating a step change for its clientele in terms of productivity, cost reduction and to increase market opportunities.

GtM has several customers exploring the benefits of using PureGRAPH® products, one of these is about to introduce new Graphene enhanced products to its market including dangerous goods storage sheds, products for landscaping and agricultural use.

The new distribution agreement gives GtM exclusive rights to develop commercial opportunities for graphene technology within the concrete industry in New Zealand and in addition, non-exclusive rights to sell graphene into other sectors within the New Zealand market. This is a significant milestone in FGR's strategy of promoting a wider adoption of Graphene enhanced products. The term of the contract is 4 years with an option to extend for another 2 years. There are no other material terms or an estimate of economic impact.

Research by First Graphene and independent testing bodies has shown very small additions of the Company's PureGRAPH® product can lead to a 34% increase in the compressive strength of concrete and a 27% increase in tensile strength.

Additional benefits include reducing water permeability and providing anti-corrosion protection for steel reinforcement used in structural concrete.

Initial studies have also shown that graphene has the potential to enhance the mechanical attributes of recycled concrete products to be nearly equivalent to those of new products.

GtM Action's Managing Director Mike Ogle said he expects new technologies will bring opportunity to reduce labour while still allowing for highly customised construction of key components of building structures.

Mr Ogle said: *"We have an exciting opportunity to help improve productivity throughout the New Zealand construction sector while also reducing the carbon footprint of the industry. With the continual innovation of 3D concrete printing and the incorporation of Graphene reinforced mortars, some of the age-old manufacturing processes will be challenged."*

First Graphene Chief Executive Officer Michael Bell said it was encouraging to see recognition of the potential market and geographical interest in the PureGRAPH® product line.

Mr Bell said: *"The partnership with GtM Action to exclusively penetrate the New Zealand concrete industry, coupled with the option to non-exclusively distribute PureGRAPH® in the New Zealand market, is focussed on extending the sales reach of First Graphene and the awareness of graphene technology."*

"Graphene has been shown to provide significant enhancements to concrete, including increased strength and durability. Ultimately, that could lead to less material being required in many applications which provides significant benefits from an environmental and efficiency perspective."

"We look forward to working with GtM to develop commercial opportunities in New Zealand and in doing so, to further prove the benefits of our PureGRAPH® product to the concrete industry globally."

Investors

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ASX ANNOUNCEMENT



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 and **PureGRAPH® AQUA** pastes with lateral platelet sizes of 50µm, 20µm, 10µm and 5µm, as well as **PureGRAPH® MB-LDPE 20-30** masterbatch for thermoplastics, are available in tonnage volumes. The products are high performing additives, characterised by their high quality and ease of use.*

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With authority of the board, this announcement has been authorised for release by Aditya Asthana, Chief Financial Officer and Company Secretary.