6th July 2026

FGR to launch PureGRAPH® CEM into China

Highlights

- **Memorandum of Understanding (MOU) signed with Sixth Element Material Technology to distribute PureGRAPH® CEM across China**
- **Potential distribution agreement to enable future joint venture for a local manufacturing facility in China**
- **Proposed agreement would establish a firm FGR presence in the largest cement and concrete industry in the world**

First Graphene Limited (ASX: FGR; "First Graphene" or "the Company") (FRA:M11) (OTCQB:FGPHF) is pleased to announce a Memorandum of Understanding ("MOU") has been signed with The Sixth Element (Changzhou) Material Technology Co Ltd ("Sixth Element").

The MOU appoints the Chinese-headquartered company as a key distributor in China for First Graphene's PureGRAPH® CEM additive.

The agreement allows exclusivity for Sixth Element, subject to annual purchase targets being achieved, and will target the cement and concrete sector in China, which is the largest globally.

The MOU also includes provisions upon sale of 200 tonnes of FGR's product to negotiate a joint venture or licencing agreement to manufacture PureGRAPH® CEM at a dedicated manufacturing facility located in China.

Once 500 tonnes of PureGRAPH® CEM product is sold in China, the joint venture or licencing agreement will commence, enabling PureGRAPH® CEM products manufactured in China to be distributed locally. Refer to the appendix to this announcement for other key terms of the MOU.

There is also opportunity expand this joint venture or licencing structure to authorise Sixth Element to sell PureGRAPH® CEM globally.

The cement and concrete industry in China is the largest globally at more than 2.3 billion metric tonnes[1], representing a significant commercial opportunity for First Graphene.

Cement production also generates up to 15% of China's national carbon emissions[2], reinforcing the opportunity for First Graphene's products to play a significant role in this nation's emission reduction activity.

First Graphene Managing Director and CEO, Michael Bell, said:

"The MOU with Sixth Element represents the largest commercial growth opportunity in FGR's global strategy, as we prepare for entry to the world's biggest cement and concrete industry in the world.

The scale of China's cement industry represents a valuable opportunity, with the sector producing roughly 21 times more cement than the United States and 175 times more than the UK.

For our Company, the potential to establish a localised manufacturing facility in China also provides a significant stepping stone towards further strengthening our presence in this market.

We look forward to working closely with Sixth Element to promote the benefits of our PureGRAPH® CEM products to this expansive new market for our Company."

-Ends-

This announcement has been approved by the Chairman.

References
[1]SciOpen
[2]Climate Analytics

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About First Graphene Ltd (ASX: FGR)

First Graphene Limited is focused on the development of advanced materials to help industry improve. The Company is a leading supplier of graphitic materials and product formulations with a specific commercial focus on large, high-growth global markets including cement and concrete; composites and plastics; coatings, adhesives, sealants and elastomers (CASE); and energy storage applications.

One of the key outcomes these advanced materials offer is the reduction of carbon dioxide emissions, whether directly through a reduction in output of these harmful greenhouse gases or lower energy usage requirements in manufacturing, or indirectly due to enhanced performance characteristics and extending the usable life of products.

First Graphene has a robust manufacturing platform based on captive and abundant supply of high-purity raw materials, and readily scalable technologies to meet growing market demand. As well as being the world's leading supplier of its own high performance PureGRAPH® graphene product range, the Company works with multiple industry partners around the world as a supplier of graphitic materials and partner to research, develop, test and facilitate the commercial marketing of a wide range of sector-specific chemical solutions.

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 where it has a strong R&D capability.

Appendix 1

The distribution arrangement is conditional upon the parties negotiating and entering into a formal, legally binding agreement on terms consistent with the MOU.

For a period of six months, the parties will deal exclusively with each other to negotiate and execute a formal agreement and will not consider any third-party proposals for a similar transaction.