

16<sup>th</sup> June 2021

## Memorandum of Understanding signed to collaborate on conductive ink development

### HIGHLIGHTS

- **Memorandum of Understanding signed with conductive inks specialist formulator to develop PureGRAPH® enhanced coatings**
- **Intent to move Memorandum of Understanding to a Master Supply Agreement on completion of collaboration activities**

First Graphene Limited (ASX:FGR; "First Graphene" or "the Company") is pleased to announce that it has entered into a binding Memorandum of Understanding (MoU) with Advanced Material Development Ltd (AMD) to collaborate in the ongoing development of AMD's portfolio of conductive inks and the inclusion of PureGRAPH®.

The companies intend to combine AMD's expertise in the design and development of functional nanomaterials and hierarchical assembly of material systems with First Graphene's capabilities in the development, manufacture and supply of PureGRAPH® materials. Both companies intend to progress the arrangement to a Master Supply Agreement (MSA) and licencing within the coming months.

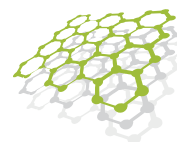
Conductive inks and coatings have long been the subject of research and development activities for innovative applications including the ability to print two-dimensional electrical circuits that limit electromagnetic interference (EMI) by using non-metallic conductors.

AMD has developed several unique solutions based on this technology including a graphene-based, ultra-lightweight coating specifically targeted to attenuation of EMI and radio frequency interference in high performance race cars where interference to communications and sensor data can be significant and pose significant safety risks.

John Lee, Chief Executive Officer of AMD said: *"This is a milestone development for AMD and we are delighted to be partnering with First Graphene. AMD has continued to focus on developing application solutions for a growing global base of partners and as we approach deployment in key areas, the need to access a strong, consistent, scalable supply chain is essential. In First Graphene, we have found the perfect partner and I am excited to be working with their teams in both Manchester and Australia."*

Michael Bell, Chief Executive Officer of First Graphene said: *"We are very pleased to have executed this agreement with AMD. This is an ideal opportunity to leverage our PureGRAPH® unique feature set and work with AMD to deliver the company's exciting portfolio of high performing, graphene enabled inks and coatings. This is a clear indication of the evolving go-to-market strategy of First Graphene, and of being able and willing to partner with specialist formulators to bring PureGRAPH® to global industries."*

# ASX ANNOUNCEMENT



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The world's leading graphene company

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## 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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## Trading Symbols

**Australia:** FGR  
FGROC  
**Frankfurt:** FSE:M11  
**USA OTCQB:** FGPHF

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