The University of Manchester's "Home of Graphene" 2D IP Portfolio

MARKET-PLACE

(business lines)

Graphene Enabled Systems Ltd
("Graphene Enabled")
www.graphene-enabled.com

(Customer problem and/or opportunity-led commercialisation mapping on to UoM IP)

The University's subsidiary to focus on product demonstrators arising from needs-driven demand from the market. Graphene Enabled acts as an "Accelerator" for spinning out a series of companies – based on limited field exclusivity or assignments for specific IP - in which the investors, IP and management will vary case-by-case

UMIP
(Technology transfer division of UMI[3])
www.umip.com

(Market informed commercialisation of UoM's IP)

Initiator and developer of spin-outs, start-ups and licences all based on UMIP IP

Working with venture capitalists; business angels; start-up and scale-up managers and experts; engineering-led CEOs and in-licensing executives of companies

Companies of all types and sizes with the National Graphene Institute (NGI)
www.graphene.manchester.ac.uk

(Academic-led collaboration with industry)

Background IP used to further UoM's industrial collaboration goal and create and commercialise new IP with these collaborators

Technology readiness levels 1-5

Companies of all types and sizes with the Graphene Engineering Innovation Centre (GEIC)

(Industry-led collaboration with academe)

Arising IP development through pilot production and characterisation. In addition to acting as a facility for external (to UoM) companies to scale-up their own IP

Technology readiness levels 3-6

GEIC due to open during 2018

Specialist graphene companies in a recognised relationship with UoM

(Working with already established/created 2D materials companies or newer start-ups)

Marketing, engineering and development of others' IP eg. on a non-exclusive and limited field exclusivity basis for specific IP which specialist graphene "partners" have funded or where UoM considers one or more to be an appropriate route for specific UoM IP

Relevant IP commercialised via

UoM Graphene/2D Materials IP Estate (governed, managed and monitored by UMIP – the UoM's authorised IP agent)

umi3185 5th December 2017