

## FOR IMMEDIATE RELEASE

Advanced materials manufacturer Versarien PLC is pleased to announce it will exhibit at the IDTechEx Show! 2018 in Berlin 11-12<sup>th</sup> April 2018.

The Versarien team will be on stand to discuss the launch of its new boron nitride product, Hexotene, which will add to the stable of Versarien's range of commercially available 2D materials.

Hexotene is a few layer hexagonal boron nitride (h-BN) nanoplatelet powder with large lateral dimensions. Also known as "white graphene", hexagonal boron nitride has a layered structure similar to graphite. With high chemical purity and mono-layer particles confirmed, Hexotene is the latest addition to Versarien's high performance 2D material product range.

Hexotene offers exceptional benefits in a range of potential applications, including:

- As a high-performance additive in lubricants, where heat removal and electrical insulation are paramount
- It can be included in ceramics, alloys, resins, plastics and rubbers to improve insulating properties
- In electronics, oxygen sensors, xerographic processes and laser printing
- In proton conductors, fuel cells and water electrolysis
- For thermofluid and thermal management applications

This new material adds to the range of existing 2D materials commercially available from Versarien, including Nanene, a high purity, low defect graphene and Graphinks, a range of conductive inks. The range is further supported by few layer graphene and graphene oxide powders suitable for a wide range of industrial applications.

We look forward to talking with visitors on stand 18.