



ASX ANNOUNCEMENT
(ASX: **NVX**)

15 May 2018

NOVONIX PARTNER SELECTED FOR US DOE FUNDING FOR LIB PROGRAMS

HIGHLIGHTS

- NOVONIX partner, Coulometrics, LLC, has been awarded two US Department of Energy grants for lithium-ion battery (LIB) research – each for USD\$1,000,000.
- The research grants cover the development of Extreme Fast Charge (XFC) Batteries, which includes the testing of **PUREgraphite** anode materials, and further research into high-quality natural graphite.

NOVONIX Limited (ASX:NVX) is pleased to advise that the US Department of Energy (DOE) has announced that Coulometrics, LLC, 50% owner of the **PUREgraphite** Joint Venture with NOVONIX Limited (50%), has been selected for two highly competitive US\$1,000,000 DOE grants in the area of lithium-ion battery (LIB) research.

The DOE has provided a US\$1,000,000 grant for the development Extreme Fast Charge (XFC) Batteries (DOE Reference: DE-FOA-0001646). Coulometrics advises that it will use this funding to develop a number of new battery technologies to enable XFC batteries and will include the testing of new graphite materials provided by PUREgraphite.

The DOE announcement is available at:

<https://www.energy.gov/articles/department-energy-announces-19-million-advanced-battery-and-electrification-research-enable>

Following completion of a 2016 Phase I grant from DOE, Coulometrics has also been awarded earlier this year a Phase II grant of USD\$1,000,000 by the DOE for research on high quality natural graphite for use in LIBs (DOE Reference: DE-FOA-0001808).

FOR FURTHER INFORMATION

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ABOUT NOVONIX

NOVONIX LIMITED (ASX: NVX) is an integrated developer and supplier of high performance materials, equipment and services for the global lithium-ion battery industry with operations in the USA and Canada and sales in over a dozen countries.

NOVONIX is 50% owner of the **PUREgraphite** Joint Venture – established in 2017 by NOVONIX and Coulometrics to develop and exclusively commercialise ultra-high purity, high-performance graphite anode materials for the lithium-ion Battery market, focused on the electric vehicle, energy storage and specialist markets and applications.

The Company also owns a world-class, large and high-grade natural graphite deposit in an established mining province in Australia.

NOVONIX's mission is to support the global deployment of Lithium Ion Battery technologies for a cleaner energy future.

ABOUT PUREgraphite

PUREgraphite is a recently-established 50:50 joint venture between NOVONIX and Coulometrics established to develop and commercialise ultra-high purity, high-performance graphite anode material for the lithium-ion battery market focused on the electric vehicle, energy storage and specialist markets and applications.

PUREgraphite became operational on 1 April 2017 and is a US-based and registered company that has commenced operations from within the Coulometrics Battery Materials Development Facility in Chattanooga, Tennessee, USA. The combined facilities include materials processing, battery making and battery testing which enables **PUREgraphite** to rapidly advance its materials development and to benchmark and demonstrate performance of our materials in commercial batteries. The CEO of **PUREgraphite** is Dr Edward Buiel who is also the founder and owner of Coulometrics.

NOVONIX contributed funding to **PUREgraphite** for it to exclusively acquire the graphite-related intellectual property from Coulometrics and ongoing exclusivity in the future for development of graphite anode materials. The Coulometrics graphite IP includes innovative high-performance graphite anode materials (demonstrated to outperform leading materials currently in the market) and production methods expected to deliver production costs significantly lower than existing producers. NOVONIX also contributed additional to **PUREgraphite** to meet anticipated capital and operating costs for the first two years of operation.