



JANUARY 2020 UPDATE

*Accelerating adoption of batteries
for a cleaner energy future*

January 7, 2020



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- This announcement has been authorised for release to the ASX by the Managing Director, Philip St Baker.

SPP Offer

- SPP announced 16 December 2019
- **SPP closes 5pm (AEST) on 10 January 2020 (Extended for Holiday Season)**
- Shareholders at 7am (Sydney time) on 13 December 2019 are eligible to participate
- Opportunity to apply for up to \$30,000 in new shares at \$0.51 per share which is a 20% discount to the Volume Weighted Average Market Price (VWAP) over five days prior to announcement
- Refer Offer Booklet at <https://events.miraqle.com/NVX-offer>

Use of Funds

- Working capital to fulfil the **SAMSUNG SDI** agreement announced 9 December 2019 (~70%), and
- Continued R&D to improve manufacturing processes, products and customer acquisition (~30%)

Note: Director Loans

- *Following the SAMSUNG SDI agreement members of the NOVONIX Board of Directors have provided unsecured loan facilities of up to \$2 million to the company to assist its transition to production demonstrating their confidence and commitment to the company and its future prosperity.*

NOVONIX TO SUPPLY SAMSUNG SDI BATTERY ANODE MATERIAL

- Under the conditional agreement NOVONIX will supply SAMSUNG SDI an initial volume of 500 metric tons in 2020, consistent with NOVONIX's currently being installed production capacity, with first deliveries forecast to commence in October 2020
- Larger volumes will be considered each year and will be subject to supply performance by NOVONIX, market conditions and SAMSUNG SDI overall requirements
- NOVONIX's PUREgraphite anode material will be manufactured at its facility in the United States and will be exported to SAMSUNG SDI battery manufacturing facilities in other countries

NOVONIX AND SAMSUNG TO PURSUE R&D COLLABORATION

- SAMSUNG SDI and NOVONIX will also explore opportunities for the supply of new graphite anode materials for Electric Vehicle use in Samsung SDI products under R&D collaboration.

Note: Refer full ASX announcement on this SAMSUNG Agreement dated 9 December 2019

NOVONIX

“NOVONIX is extremely honored to supply SAMSUNG SDI and we look forward to supporting SAMSUNG SDI in delivering higher performance batteries to the global market.”

Philip St Baker, NOVONIX Managing Director

SAMSUNG SDI

“The deal is part of our efforts to secure stable supplies of raw materials,”

Reuters, December 9, 2019 – quoting a Spokesman of Samsung SDI, a unit of technology giant Samsung Electronics, Seoul

“This agreement is a breakthrough for the company:

- it provides critical external validation of our product by a world leader in lithium ion battery manufacturing, and
- it provides the foundation for transition from development to production and for growth.”



Our tech is generating a pipeline of commercial opportunities

NOVONIX BTS in Halifax is our 'incubator'

- **We see where the market is headed** – We perform testing services for tier-1 auto and consumer electronics OEMs, battery manufacturers and resource companies
- **Our product pipeline is building** – We have a R&D relationship with Dalhousie University and Dr. Mark Obrovac's research group
- **We iterate quickly** – Our battery testing capabilities and technology allow us to accelerate R&D from years to weeks
- **We fast-track procurement** – The strength of our customer relationships allow us to cut through the red tape

Phase 1: Anode Materials

- PUREgraphite is our first commercial success
- First off-take signed with SAMSUNG SDI in 2019
- Other prospective customers in the pipeline

Phase 2: Cathode Materials

- Recently filed patent applications for new materials and new manufacturing methods
- Currently scaling from lab to pilot
- Large market opportunity

Phase 3: Next Gen. Materials

- Silicon-based materials for improved anode energy density [provisional patents filed]
- 'Beyond Li-ion' technologies including lithium metal batteries, sodium-ion batteries and others

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What's coming in 2020



- First commercial production
- Ramp-up of commercial production to 500 tpa rate
- First deliveries to SAMSUNG SDI
- Expanded marketing program
- Supply agreements with other battery makers
- Product and process innovation and development
- Planning for rapid expansion backed by off-take contracts



- Develop patent portfolio for new battery materials and manufacturing
- Commercialise new materials and manufacturing methods
- Continue strong growth in cell design, cell making, and cell testing services
- Expand strategic research and development services and sales

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