

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6-K

**REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE
SECURITIES EXCHANGE ACT OF 1934**

For the month of January, 2023

001-41208

(Commission File Number)

NOVONIX LIMITED

(Translation of registrant's name into English)

Level 38
71 Eagle Street
Brisbane, QLD 4000 Australia
(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

EXHIBIT INDEX

<u>Exhibit No.</u>	<u>Description</u>
Exhibit 99.1	Quarterly Activities Report – October-December 2022

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

NOVONIX LIMITED

By: /s/ Dr John Christopher Burns

Dr. John Christopher Burns
Chief Executive Officer

Date: January 31, 2023



Important Notice and Disclaimers

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Forward-Looking Statements

This Presentation contains forward-looking statements about the Company and the industry in which it operates. Forward looking statements can generally be identified by use of words such as "anticipate," "believe," "contemplate," "continue," "could," "estimate," "expect," "intend," "may," "plan," "potential," "predict," "project," "should," "target," "will," or "would," or other similar expressions. The Company has based such statements on its current expectations and projections about future events and trends that it believes may affect its financial condition, results of operations, business strategy and financial needs. Such forward-looking statements involve and are subject to known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company and/or its subsidiaries to be materially different from any future results, performance or achievements expressed or implied by the forward-looking information. Such factors include, among others, regulatory developments in the United States, Australia and other jurisdictions, the perceived benefits of the transaction between the Company and Phillips 66, the Company's ability to scale-up production of its anode or cathode materials, the continuation of the Company's partnership with the Research group of Dr. Mark Obrovac at Delhouise University for the development of the Company's technology, the Company's ability to attract and retain key management and technology personnel and the accuracy of our estimates regarding expenses, future revenue, capital requirements and needs for additional financing. Forward-looking statements are not guarantees of future performance or outcomes and that actual performance and outcomes may differ materially from those made in or suggested by the forward-looking statements contained in this Presentation. Accordingly, recipients of this Presentation should not place undue reliance on forward looking statements. The Company disclaims any obligation to update any forward-looking statements made in this Presentation to reflect events or circumstances after its date or to reflect new information or the occurrence of unanticipated events, except as required by law.

Industry and Market Data

This Presentation contains estimates and information concerning our industry and our business, including estimated market size and projected growth rates of the markets for our products. Unless otherwise expressly stated, we obtained this industry, business, market, and other information from reports, research surveys, studies and similar data prepared by third parties, industry, and general publications, government data and similar sources. This Presentation also includes certain information and data that is derived from internal research. While we believe that our internal research is reliable, such research has not been verified by any third party.








Estimates and information concerning our industry and our business involve a number of assumptions and limitations. Although we are responsible for all of the disclosure contained in this Presentation and we believe the third-party market position, market opportunity and market size data included in this Presentation are reliable, we have not independently verified the accuracy or completeness of this third-party data. Information that is based on projections, assumptions and estimates of our future performance and the future performance of the industry in which we operate is necessarily subject to a high degree of uncertainty and risk due to a variety of factors, which could cause results to differ materially from those expressed in these publications and reports.

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Throughout this Presentation, there are references to various trademarks, service marks and trade names that are used in the Company's business. "NOVONIX," the NOVONIX logo and other trademarks or service marks of NOVONIX appearing in this Presentation are the property of NOVONIX or its subsidiaries. Solely for convenience, the trademarks, service marks and trade names referred to in this Presentation are listed without the ® or ™ symbol, as applicable, but such references should not be construed as any indicator that their respective owners will not assert, to the fullest extent under applicable law, their right thereto. All other trademarks, trade names and service marks appearing in this Presentation are the property of their respective owners.



ASX: NVX Nasdaq: NVX OTCQX: NVNFX

TOC	NOVONIX Investment Highlights
<ul style="list-style-type: none"> ▪ NOVONIX Recent Milestones ▪ Quarterly Activities Report (October – December 2022) <ul style="list-style-type: none"> ▪ Corporate Update ▪ NOVONIX Anode Materials (NAM) Update ▪ Battery Technology Solutions (BTS) and Cathode Synthesis Technology Update ▪ NOVONIX Selected for US\$150 million in DOE Grant Funding ▪ U.S. Legislation Support of NOVONIX Business Plan ▪ Inflation Reduction Act of 2022 ("IRA") Details ▪ NOVONIX Enters "Phase 2" of DOE Loan Program Office Process 	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">  Our proprietary process technology and capabilities across the value chain drive innovation and commercial opportunities </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">  We develop and supply industry leading battery testing equipment </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">  We are a leading US-based battery materials and technology company with the first GWh-scale domestic supply agreement for synthetic graphite with KORE Power </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">  Our offerings are directly compatible with today's installed and planned battery manufacturing technology </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">  Demand for our technologies underpinned by exponential growth in EV sales and energy storage demand over the next decade and beyond </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">  We have a clear path to profitability with global tier 1 customer base </div> <div style="border: 1px solid black; padding: 5px;">  Our leadership team is highly credentialed, continuing to successfully execute growth agenda </div>

NOVONIX Milestones



Corporate Activities

October – December 2022

- NOVONIX announced the appointment of Daniel Akerson and Ron Edmonds to Board of Directors – 26 October 2022
- CEO Chris Burns and CFO Nick Liveris participated in the Piper Sandler Battery Summit – 15 November 2022
- Corporate Connect initiated coverage of NOVONIX (ASX: NVX) with a 12-month price target of A\$5.76 – 22 November 2022
- CEO Chris Burns and CFO Nick Liveris participated in the OTC Markets' Small Cap Growth Investor Conference– 1 December 2022
- NOVONIX joins Accelerate – Canada's Zero Emission Vehicle Supply Chain Alliance – 16 December 2022
- Launched Sustainability web page with ESG disclosures – 19 December 2022
- A total of \$231,000 was paid to directors and their associates for salaries, director fees and superannuation during the quarter ended 31 December 2022
- Cash balance as of 31 December 2022: US\$99.4 million

NOVONIX Anode Materials Activities

October – December 2022

- Equipment installation continues at Riverside as NOVONIX's proprietary Generation 3 graphitization furnaces are being optimized ahead of the start of production to support KORE's required volume.
- NOVONIX plans to adjust the previous production output targets of Riverside from 10,000 tpa in 2023 to now match the KORE supply agreement volumes and any subsequent volumes from supply agreements the Company may enter. This will begin at a rate of approximately 3,000 tpa in 2024 and ramp to approximately 12,000 tpa in 2028, to match KORE's required volume.
- Progressed engagements with tier 1 cell and automotive manufacturers through additional material sampling and qualification.
- Entered negotiation with the Department of Energy (DOE) on terms and conditions to advance the announced US\$150m grant.
- Advanced site selection process for Greenfield facility to produce up to 75,000 tpa of high-performance battery grade synthetic graphite.
- Submitted application to DOE Loan Programs Office (LPO) for technical eligibility and financial viability review.

Battery Technology Solutions (BTS) and Cathode Activities

Battery Technology Solutions Activities

- Grand opening of the cathode pilot facility occurred in November and was attended by the Premier of Nova Scotia, the Minister of Economic Development, and the Federal Parliamentary Secretary to the Minister of Innovation, Science, and Industry.
- Increased cell prototyping capacity to meet demand from customers and internal research and development support for NAM and cathode synthesis team.
- Showcased the newly launched 10A UHPC Channel Module and major software release at Advanced Automotive Battery Conference in San Diego.
- Launched new proprietary cell testing and analytics software service for battery R&D efforts focused on improving time-to-market and reducing battery costs. Based on NOVONIX's expertise in material evaluation and degradation analysis, our advanced analytics software platform will give higher confidence in predicting cell performance and reliability. The new analytics software is currently being used internally and BTS plans to launch a beta for customers in Q2 2023.

Cathode Synthesis Technology Activities

- At our new facility, all pilot equipment has been received and is being commissioned for internal testing of cathode material utilizing our patented all-dry cathode synthesis technology in first half 2023.
- Pre-pilot batches (multi-kilogram level) of mid- and high-nickel materials are being produced and tested using BTS R&D Services Cell Manufacturing Line.
- Cathode team staffing increased to match activities and to enhance capabilities.
- Additional IP is being generated in collaboration with technical advisor Dr. Obrovac's lab.



NOVONIX Selected for US\$150 million in DOE Grant Funding

Department of Energy Grant Funding

- A total of \$7 billion in grant funding under President Biden's Bipartisan Infrastructure Law (BIL) has been appropriated to strengthen the North American battery supply chain amidst surging demand and growing calls to onshore these critical industries.
- On October 19, 2022, \$2.8 billion was provided by DOE's Office of Manufacturing and Energy Supply Chains (MESC) in collaboration with the Office of Energy Efficiency and Renewable Energy (EERE), authorized by last year's BIL to boost domestic battery manufacturing and supply chains.
- NOVONIX was selected for US\$150 million Department of Energy (DOE) grant funding to expand NAM's domestic production of high-performance, synthetic graphite anode materials – one of 21 recipients across 12 categories.
- Specifically, the grant funds will be dedicated to the Company's construction of a 30,000 tonnes per annum (tpa) U.S. manufacturing facility, including site selection, plant layout, and engineering design with capability for additional expansion.



Wednesday, October 19, 2022, DOE announced that NOVONIX was selected to enter negotiations to receive US\$150 Million in grant funding to support a 30,000 tonnes per annum (tpa) synthetic graphite U.S. manufacturing facility

U.S. Legislation Providing Direct Support to NOVONIX's Business Plan

Section 301 Tariffs	<ul style="list-style-type: none">▪ In August 2017, the Office of the United States Trade Representative (USTR) launched an investigation into China's allegedly unreasonable and discriminatory trade practices under Section 301 of the Trade Act of 1974. Every four years, the USTR is required by statute to conduct a "necessity review" of Section 301 tariffs. The tariff exclusion was extended in December 2022 until September 2023.▪ Section 301 includes a 25% tariff on artificial graphite imported from China to help remove unfair market distortions imposed by China's anticompetitive behaviors and size advantage in the battery materials sector.
IRA Tax Credits & Consumer Credit	<ul style="list-style-type: none">▪ Inflation Reduction Act of 2022 ("IRA") includes an estimated \$369 billion in investments related to "climate change and energy security," including tax and other incentives to promote US production of electric vehicles ("EVs"), renewable energy technologies, and critical minerals, representing the single biggest climate investment in U.S. history.
DOE Loans	<ul style="list-style-type: none">▪ DOE Loan Programs Office (LPO) has \$15.1 billion in loan authority to support the manufacture of eligible light-duty vehicles and qualifying components under the Advanced Technology Vehicles Manufacturing Loan Program (ATVM), authorized by the Energy Independence and Security Act of 2007, providing debt capital at U.S. Treasury rates.

Inflation Reduction Act of 2022 Details

IRA Tax Credits & Consumer Credit

- The IRA includes several provisions aimed at bolstering domestic supply chains and the production of critical battery materials. These include:
 - **\$7,500 federal consumer tax credit for qualifying electric vehicles, starting in 2023 based on the origin of materials and localization of manufacturing**
 - **\$3,750 of the credit must meet critical minerals requirement** - The critical mineral credit requires certain thresholds of the percentage of the value¹ of the critical minerals in the vehicle's battery to be extracted or processed in the United States or from a country which has a free trade agreement in effect with the U.S.² EV credit eligibility is disqualified if materials are used from foreign entities of concern starting in 2025.
 - **\$3,750 from battery components** - The battery component requirement will be met if the percentage of the value of the components in the vehicle's battery that were manufactured or assembled in North America is equal to or greater than 50 percent in 2023 and increasing from that time.
 - New production and "advanced manufacturing" tax credits
 - Section 45X provides a 10% tax credit which is available to producers of electrode active materials (measured as a percentage of total cost of production).
 - Expands section 48C to provide \$10 billion in tax credits. The tax credit is 30 percent of the amount invested in new or upgraded factories to build specified renewable energy components.
 - \$500 million appropriation for "enhanced" use of the Defense Production Act economic support under banner of national security.
 - \$40 billion authorized for increased loan guarantees under Title XVII of the Energy Policy Act of 2005.

¹ This required percentage increases annually from 40 percent for a vehicle that is placed in service in 2023 to 50 percent in 2024, 60 percent in 2025, 70 percent in 2026, and 80 percent after 2026.

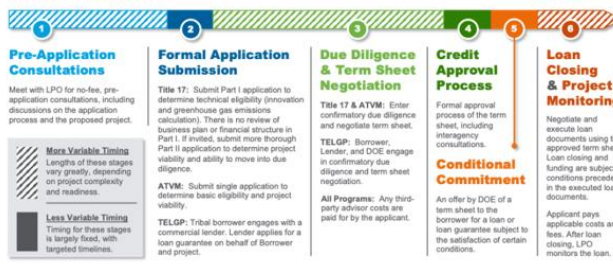
² Treasury and the IRS also expect to propose that the term encompasses, at minimum, the comprehensive trade agreements of the United States with the following countries: Australia, Bahrain, Canada, Chile, Colombia, Costa Rica, Dominican Republic, El Salvador, Guatemala, Honduras, Israel, Jordan, South Korea, Mexico, Morocco, Nicaragua, Oman, Panama, Peru and Singapore.

NOVONIX Enters "Phase 2" of DOE Loan Programs Office Process

Department of Energy Loan Programs Office

- DOE Loan Programs Office has \$15.1 billion in loan authority to support the manufacture of eligible light-duty vehicles and qualifying components under the Advanced Technology Vehicles Manufacturing Loan Program (ATVM), authorized by the Energy Independence and Security Act of 2007, providing debt capital at U.S. Treasury rates.
- In late 2022, NOVONIX formally submitted its application for a loan under the ATVM program. The loan, if received, would contribute toward funding the company's current expansion of battery materials capacity for the production of synthetic graphite to support the United States EV and ESS supply chain.

DOE LPO Loan Process



Source: DOE Loan Programs Office Website

Contact Information

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Send all investor queries to: ir@novonixgroup.com

This announcement has been authorized for release by NOVONIX Chairman, Admiral Robert J. Natter, USN Ret

NOVONIX

ASX: NVX Nasdaq: NVX OTCQX: NVNXX

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