5 August 2026

Funding Secured to Progress PFS for Brownsville Lithium Refinery Project

Highlights

- $900,000 Capital Raise Secured – Binding commitments received from existing sophisticated and professional investor shareholders
- Strong shareholder alignment – Existing shareholder participation supports long-term confidence in the Company's strategy and future growth prospects
- Funds will be applied to working capital and advancing key growth initiatives and projects including finalisation of the PFS for the Brownsville Lithium Refinery Project, and progression of the Silver Extraction PV Recycling and Gold Copper Diamide Extraction projects

Lithium Universe Limited (referred to as "Lithium Universe" or the "Company," ASX: "LU7") is pleased to announce the following:

Placement

The Company has received binding firm commitments from sophisticated and professional investors pursuant to a placement to raise $0.9 million (before costs) through the issue of 257,142,858 fully paid shares ("New Shares") at an issue price of $0.0035 per Share ("Placement"). The Placement is to be undertaken in two tranches:

- Tranche 1: issuing 242,415,000 New Shares raising $848,452 (before costs); and
- Tranche 2: issuing 14,727,858 New Shares raising $51,548 (before costs), subject to shareholder approval to be sought at a general meeting of shareholders, expected to be held in September 2026 ("Shareholders Meeting").

The issue date of the Tranche 1 Placement Shares is expected to take place on 20 August 2026.

Participants in the Placement will also receive, subject to shareholder approval (to be undertaken at the Shareholders Meeting), free attaching options based on one (1) option for every two (2) shares issued, with each option having an exercise price of $0.008 expiring 7 August 2028 ("New Options"). The Company intends to apply for quotation of the options, subject to satisfying the requirements of the ASX Listing Rules. The issue of the Tranche 1 Placement Shares will be made from the Company's existing placement capacity under Listing Rule 7.1.

The expected use of funds from the Placement are working capital and advancing projects including finalisation of the PFS for the Brownsville Lithium Refinery Project, and progression of the Silver Extraction PV Recycling and Gold Copper Diamide Extraction projects.

All New Shares will rank equally with existing fully paid ordinary shares. The Company intends to apply for quotation of the New Options, subject to satisfying the requirements of the ASX Listing Rules. The issue price represents a 30% discount to LU7's last closing price on 31 July 2026 of $0.005 and a 36% discount to the 15-day VWAP of $0.0055.

The Placement was managed by 62 Capital Pty Ltd (Lead Manager). The costs associated with the Placement is a 6% fee converted into shares and options on the same terms as the Placement, together with 20 million lead manager options on the same terms as the Placement New Options. The issue of these lead manager shares and options will be subject to shareholder approval at the forthcoming shareholders meeting.

Chairman, Mr Gernot Abl stated, "*We are pleased with the outcome of the Placement, and thankful to our supportive shareholders. We look forward to Iggy and the team finalising the PFS for the Brownsville Lithium Refinery Project and progressing the development and commercialisation activities for our gold-copper e-waste and silver extraction projects, in conjunction with our teams at the University of Edinburgh and Macquarie University.*"

Timetable

Below is the Placement timetable, unless otherwise varied by the Company:

ACTION	DATE
Announcement of Placement and Appendix 3B lodged with ASX	5 August 2026
Closing date for receipt of funds for Tranche 1	19 August 2026
Allotment and trading of Tranche 1	20 August 2026
EGM to approve the issue of New Shares and Options under the Placement	23 September 2026
Closing date for receipt of funds for Tranche 2	25 September 2026
Allotment and trading of Tranche 2 Shares and Options	29 September 2026

\- End -

Authorised by the Chairman of Lithium Universe Limited

Lithium Universe Interactive Investor Hub
Engage with Lithium Universe directly by asking questions, watching video summaries and seeing what other shareholders have to say about this, as well as past announcements, at our Investor Hub https://investorhub.lithiumuniverse.com/

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Forward-looking Statements
This announcement contains forward-looking statements which are identified by words such as 'anticipates', 'forecasts', 'may', 'will', 'could', 'believes', 'estimates', 'targets', 'expects', 'plan' or 'intends' and other similar words that involve risks and uncertainties. Indications of, and guidelines or outlook on, future earnings, distributions or financial position or performance and targets, estimates and assumptions in respect of production, prices, operating costs, results, capital expenditures, reserves and resources are also forward-looking statements. These statements are based on an assessment of present economic and operating conditions, and on a number of assumptions and estimates regarding future events and actions that, while considered reasonable as of the date of this announcement and are expected to take place, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies. Such forward-looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of our Company, the Directors, and management. We cannot and do not give any assurance that the results, performance or achievements expressed or implied by the forward-looking statements contained in this announcement will occur and readers are cautioned not to place undue reliance on these forward-looking statements. These forward-looking statements are subject to various risk factors that could cause actual events or results to differ materially from the events or results estimated, expressed, or anticipated in these statements.

Lithium Universe LIMITED

ABOUT LITHIUM UNIVERSE LIMITED

Lithium Universe Limited (ASX: LU7) ("Lithium Universe" or "the Company") is a forward-thinking company on a mission to close the "Lithium Conversion Gap" in North America and revolutionise the photovoltaic (PV) solar panel recycling sector.

SILVER EXTRACTION - PV SOLAR PANEL RECYCLING STRATEGY

As the global demand for solar energy expands, solar panel waste is projected to reach 60–78 million tonnes by 2050, making efficient recycling solutions critical. Silver is essential for solar panels, electronics, and electric vehicles due to its unmatched electrical conductivity. Industrial demand has surged, especially from photovoltaics and AI technologies, creating a global supply deficit. With production lagging, silver prices have soared to record highs, reinforcing the economic importance of efficient recycling.

Lithium Universe has responded by acquiring Macquarie University's Microwave Joule Heating Technology (MJHT) and Jet Electrochemical Silver Extraction (JESE) method, a breakthrough in recovering valuable metals from end-of-life PV panels. The first stage, developed by Macquarie University, is Microwave Joule Heating Technology (MJHT), a process that uses microwave energy to selectively heat silicon cells softening the ethylene vinyl acetate (EVA) encapsulant that binds a solar panel's layers. This enables room-temperature delamination of glass, silicon, and metal layers without crushing, furnaces, or toxic chemicals. The result is a clean separation of materials, drastically reducing energy use, emissions, and chemical waste while preserving the integrity of high-value silicon and silver components. Following delamination, Lithium Universe applies its Jet Electrochemical Silver Extraction (JESE) process, a micro-jet electrochemical system that directs a fine stream of dilute nitric electrolyte onto the silver pads of solar cells. This method achieves over 95% silver recovery at 96% purity, while using 83% less acid and no chemical additives. The process operates at just 5 volts, recycles its electrolyte, and produces zero heavy-metal waste, establishing a true closed-loop recycling system. Together, MJHT and JESE form a sustainable, scalable recycling platform that converts discarded solar panels into a renewable source of silver, silicon, and other critical materials, a vital step toward circularity in the global clean-energy supply chain.

LITHIUM DIVISION

Lithium Strategy: Closing the Lithium Conversion Gap

Lithium Universe is at the forefront of efforts to meet the growing demand for lithium in North America. As electric vehicle (EV) battery manufacturers prepare to deploy an estimated 1,000 GW of battery capacity by 2028, the need for lithium is expected to rise dramatically. However, with only a fraction of the required lithium conversion capacity in North America, LU7 is determined to play a pivotal role in reducing dependence on foreign supply chains. The company intends to build a green, battery-grade lithium carbonate refinery in Bécancour, Québec, leveraging the proven technology developed at the Jiangsu Lithium Carbonate Plant. This refinery will produce up to 18,270 tonnes per year of lithium carbonate, focusing initially on the production of lithium carbonate for lithium iron phosphate (LFP) batteries. The refinery's smaller, off-the-shelf plant model ensures efficient operations and timely implementation, positioning LU7 as a key player in the emerging North American lithium market. With a strong leadership team, including industry pioneers like CEO Iggy Tan, LU7 is well-positioned to deliver this transformative project. The company's strategy is counter-cyclical, designed to build through the market downturn and benefit from the inevitable recovery, ensuring sustained exposure to the growing lithium demand.

Second Refinery Strategy

Lithium Universe Limited has launched a second lithium refinery strategy in the Port of Brownsville, Texas, complementing its flagship Bécancour project in Québec. The initiative creates a binational refining platform to address North America's lithium conversion shortage and strengthen supply chain resilience. Strategically located near the Port of Brownsville, the potential site offers deep-water access, low labour costs, and streamlined permitting within one of the U.S.'s most business-friendly regions. Leveraging a "copy and paste" design from the future Bécancour refinery, the Texas project can be rapidly deployed to serve nearby gigafactories, aligning with U.S. policy incentives under the Inflation Reduction Act.