

11 September 2023

## APPOINTMENT OF LITHIUM EXPERT DR JINGYUAN LIU TO LU7 BOARD

### Highlights

- Key appointment of Dr Jingyuan Liu as Non-Executive Director
- Pre-eminent technical expert in the lithium industry
- Former GM Development and Technologies with Galaxy Resources Limited
- Intimate construction and operating experience of Jiangsu Lithium Carbonate Plant
- Tasked with considering the Québec Lithium Processing Hub strategy in James Bay

Lithium Universe Limited (“Lithium Universe”, the “Company” or ASX: “LU7”) is pleased to announce the appointment of world-renowned lithium expert Dr Jingyuan Liu as Non-Executive Director to the Board. This is a key appointment that strengthens the existing lithium experience and technical capability of the LU7 Board.



Dr Jingyuan Liu is widely regarded as a leading technical expert in the lithium industry. He previously held the position of General Manager of Development and Technologies at Galaxy Resources Limited, where he was responsible for overseeing the construction and commissioning of the world-renowned Jiangsu Lithium Carbonate plant, now owned by Tianqi Lithium Corp. Jingyuan also played a key role in designing the flow sheet for the Sal de Vida brine project in Argentina. Following his work with Galaxy, he has acted as a special adviser to various lithium carbonate and lithium hydroxide projects globally, including the Lithium Hydroxide Plant operated by Tianqi in Kwinana, Western Australia.

Jingyuan has over 30 years of experience in project management, process, and equipment design for minerals processing and in the chemicals, non-ferrous metals, iron & steel, and energy industries, both in Australia and internationally. He was awarded a PhD in chemical engineering from the University of Newcastle, Australia. He has worked in senior chemical engineering roles with leading companies such as Hatch Engineering and Metso Minerals in Australia and Malaysia.

Dr Liu is currently the Chief Technology Officer (CTO) for Altech Batteries Limited (ASX: ATC) developing high-capacity silicon anode lithium-ion batteries as well as sodium chloride solid-state batteries.

In response to his appointment, Dr. Liu expressed his excitement about joining the team that is tasked with considering the Company's Québec Lithium Processing Hub (QLPH) strategy in James Bay, Québec, Canada. He explained that the QLPH is envisioned to encompass a versatile, standalone concentrator known as the QLPH Concentrator, boasting a processing capacity of 1 million metric tons per annum. This facility will serve as a vital source for a lithium carbonate refinery, the QLPH Lithium Carbonate Refinery, with the capability to produce 16,000 tons per annum of battery-grade lithium carbonate.

Dr. Liu shared the Company's vision of becoming the preferred downstream solution for small to mid-sized lithium mining operations in Canada, with an intended target market encompassing Canada, the United States, and Europe for their battery-grade lithium carbonate. He elaborated on their strategic choice to focus on lithium carbonate over lithium hydroxide, driven by the anticipated growth in demand for carbonate attributed to the increased adoption of Lithium Iron Phosphate (LFP) batteries in the electric vehicle (EV) industry. He cited Tesla's shift to LFP lithium-ion batteries as a notable example, owing to their enhanced safety features and cost-effectiveness. Currently, the split between carbonate and hydroxide production stands close to a 50/50 ratio. In conclusion, Dr. Liu underscored his well-established track record, citing his extensive experience with the Jiangsu Lithium Carbonate plant, a globally renowned benchmark for producing high-quality battery-grade lithium carbonate.

Commenting on the critical strategic appointment, Chairman, Mr. Iggy Tan said *"Dr Liu is well known in the lithium industry as the "go to expert" in lithium carbonate or lithium hydroxide technology. Dr Jingyuan Liu's appointment as Non-Executive Director to the Board of Directors of Lithium Universe Limited is a significant move that further enhances the Board's expertise in the lithium industry, with Jingyuan having served as a special adviser for numerous lithium projects globally. With his expertise in operating the Jiangsu Lithium Carbonate Plant and being my right-hand man during our time at Galaxy, LU7 is fortunate to have such a critical lithium professional on the Board."* He said.

Authorised by the Board of Lithium Universe Limited

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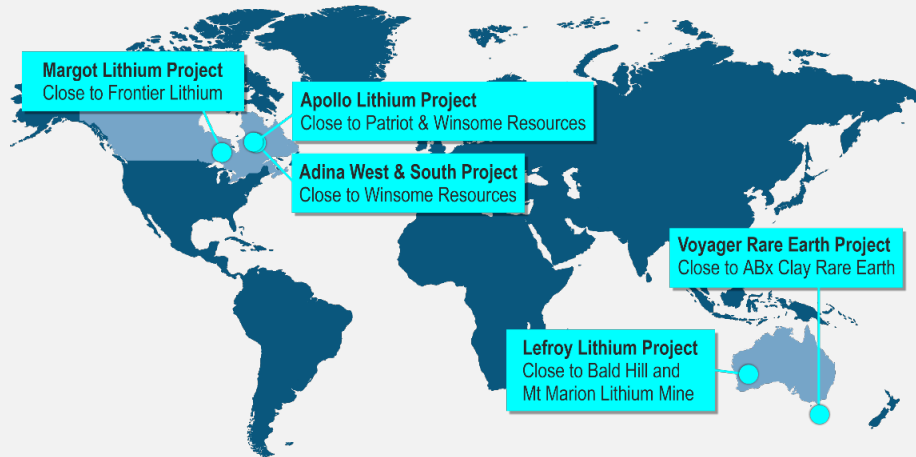
#### **Forward-looking Statements**

The Company wishes to remind investors that the presence of pegmatite does not necessarily equate to spodumene mineralization. Also that the presence of pegmatite and spodumene mineralization on nearby tenements does not necessarily equate to the occurrence on Lithium Universe Limited's tenements. 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 at 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 actually 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.

### **About Lithium Universe Limited (ASX:LU7)**

LU7's main objective is to establish itself as a prominent Lithium project builder by prioritizing swift and successful development of Lithium projects. Instead of exploring for the sake of exploration, LU7's mission is to quickly obtain a resource and construct a spodumene-producing mine in Québec, Canada. Unlike many other Lithium exploration companies, LU7 possesses the essential expertise and skill to develop and construct profitable projects. Additionally, Lithium Universe Limited has access to significant Lithium opportunities in Tier 1 mining jurisdictions in Canada and Australia.

### **Tier 1 Lithium Inventory**



### **Apollo Lithium Project (80%)**

Commanding a land position spanning over 240 km<sup>2</sup>, Apollo is located in the same greenstone belt and only 29 kilometres south-east of the Corvette Lithium Project owned by Patriot Battery Metals (market cap of over A\$1.4 billion). Patriot's most successful drill result was a remarkable 156 meters at 2.12% Li<sub>2</sub>O at CV5. Similarly, 28 kilometres to the east, Winsome Resources Limited (market capitalization of over A\$300 million) recently announced drilling hits of 107 meters at 1.34% Li<sub>2</sub>O from 2.3 meters (AD-22-005) at their Adina Project. Apollo has 17 pegmatite outcrops reported on the tenement package. Given the exceptional results from these neighbouring projects, the Apollo Lithium Project has the potential to be equally successful.

### **Adina South & Adina West Lithium Project (80%)**

The project is situated in close proximity to the Adina discovery, which is owned by Winsome Resources, a Company with a Market Capitalisation of over A\$300m in the market. The Adina Project has produced a visual pegmatite intersection of over 160m in drills, lying beneath outcropping 4.89% Li<sub>2</sub>O. Recently, Winsome Resources reported successful drilling results, with AD-22-005 yielding 107m at 1.34% Li<sub>2</sub>O from 2.3m at their Adina Project. The Adina South & Adina West Lithium Project boasts one of the largest prospective land holdings near Winsome Resources Limited. Aerial satellite images have revealed similar pegmatite occurrences at the surface.

### **Margot Lake Lithium Project (80%)**

The Margot Lake project is located in north-western Ontario, in the premium lithium mineral district of Ontario's Great Lakes region. The project is situated 16km southeast of Frontier Lithium's (TSX-V: FL) PAK Deposit, which contains 9.3Mt at 2.0% Li<sub>2</sub>O, and 18km away from Frontier's Spark Deposit, which contains 32.5Mt at 1.4% Li<sub>2</sub>O. The tenement contains nine confirmed and mapped pegmatites and is located in a highly competitive district due to recent major discoveries of lithium. Frontier Lithium, with a market capitalization more than CAD\$450 million, is a significant player in the region.

### **Lefroy Lithium Project (100%)**

Lefroy is in the mineral-rich Goldfields region of Western Australia. This strategically located project is in close proximity to the Bald Hill Lithium Mine, which has a top-quality spodumene concentrate with low levels of mica and iron, as well as significant tantalum by-product production. The Bald Hill mine has a resource of 26.5 million tonnes at 1.00% Li<sub>2</sub>O. The Lefroy project is also located near the Mt. Marion Lithium Mine, which is owned by Mineral Resources and has a market capitalization of A\$17B. Mt. Marion produces 900,000 tonnes of mixed-grade spodumene concentrate annually and is approximately 60 kilometres from the Lefroy project.

### **Voyager Rare Earth Project (80%)**

The Voyager project is north tenements are positioned between ABx Group tenures, where clay-hosted rare earth elements (REE) and niobium have been discovered and hold resources of 27Mt. These areas are analogous with Ionic Adsorption Clay (IAC) deposits that have produced REE in southern China using simple leaching. ABx stated that early testwork indications show their rare earth elements are easily leached and could be concentrated at low cost, with no deleterious elements. Geological mapping of Voyager's tenures indicates the presence of various areas of clay and bauxite, which is the ideal geological environment for the occurrence of rare earth elements.