

Sigma Lithium Initiates Production Of Green Lithium: Zero Tailings And Low Carbon

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● Sigma Lithium has successfully transitioned from developer to producer with the achievement of first production of Green Lithium. On April 17, 2023, Sigma Lithium ("Sigma Lithium" or the "Company") (NASDAQ: SGML, TSXV: SGML) announced that it has successfully initiated production of Green Lithium from its Grota do Cirilo Project in Brazil. The Company is pleased to announce that it has successfully initiated production of Green Lithium from its Grota do Cirilo Project in Brazil, marking a significant milestone in the development of the project. The Company is pleased to announce that it has successfully initiated production of Green Lithium from its Grota do Cirilo Project in Brazil, marking a significant milestone in the development of the project. The Company is pleased to announce that it has successfully initiated production of Green Lithium from its Grota do Cirilo Project in Brazil, marking a significant milestone in the development of the project.

● Successful initial production runs achieved 75% of nameplate throughput capacity. The Greentech Plant is expected to produce at full production capacity by July 2023.

● Completing the commissioning of the Phase 1 Greentech Plant is the final critical milestone in the development of the Grota do Cirilo Project in Brazil. The Company is pleased to announce that it has successfully initiated production of Green Lithium from its Grota do Cirilo Project in Brazil, marking a significant milestone in the development of the project. The Company is pleased to announce that it has successfully initiated production of Green Lithium from its Grota do Cirilo Project in Brazil, marking a significant milestone in the development of the project.

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As the project ramps to full production capacity, high-quality Green Lithium will be stockpiled and prepared for sale, with the inaugural first shipment of approximately 15,000 tonnes expected in May 2023. The Company recently announced that it has obtained its environmental operating license to sell all Green Lithium product from current and future production, including stockpiled product.

Ana Cabral-Gardner, Sigma Lithium CEO and Co-Chairperson congratulates the Sigma Lithium team and is pleased that Green Lithium is delivering on its production targets for all of its stakeholders.

"Sigma Lithium was created almost a decade ago and set out to prove that lithium extraction could be done in a way that is environmentally and socially responsible. Reaching this milestone from developer to producer is an incredible achievement and a testament to the many years of hard work of the entire Sigma team. We are thrilled to deliver on schedule for our supply chain partners."

"We are endlessly proud to be producing our first tonnes of Green Lithium, and we hope to shine a spotlight on the tremendous potential for Brazil to be a leader in the energy transition as a key supplier of raw materials that can be mined and produced in a sustainable way for our environment and our communities."

As previously announced, Sigma Lithium continues the detailed engineering work on the Phase 2 & 3 Greentech Plant, targeting to triple production of Green Lithium from 270,000 tpa to 766,000 tpa, if supported by the Feasibility Study currently being conducted.

QUALIFIED PERSONS

Mr. Wes Roberts, P.Eng., co-head of the technical committee of the Company, is the "qualified person" under National Instrument 43-101 who reviewed and approved the other technical information included in this news release.

ABOUT SIGMA LITHIUM

Sigma Lithium (NASDAQ: SGML, TSXV: SGML) is a company dedicated to powering the next generation of electric vehicles with environmentally sustainable and high-purity lithium.

Sigma Lithium has been at the forefront of environmental and social sustainability in the EV battery materials supply chain for years and it is currently producing Green Lithium from its Grota do Cirilo Project in Brazil. Phase 1 of the project is expected to produce 270,000 tonnes of Green Lithium annually (36,700 LCE annually). If it is determined to proceed, Phase 2 & 3 are expected to increase production to 766,000 tonnes annually (or 104,200 LCE annually). The project produces Green Lithium at a state-of-the-art Greentech lithium plant that uses 100% renewable energy, 100% recycled water and 100% dry-stack tailings. Please refer to the Company's technical report titled "Grota do Cirilo Lithium Project, Araçuaí and Itinga Regions, Minas Gerais, Brazil."

Brazil, Updated Technical Report" dated October 31st, 2022, which is filed on SEDAR and is also available on the Company website.

For more information about Sigma Lithium, visit <https://www.sigmalithiumresources.com/>

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@sigmalithium

@SigmaLithium

Contact

FOR ADDITIONAL INFORMATION PLEASE CONTACT: Jamie Flegg, Chief Development Officer, (Toronto) +1 (647) 791-1111, jamie.flegg@sigmaca.com, Daniel Abdo, Chief Communications Officer, (Sao Paulo) +55 11 2985-0089, daniel.abdo@sigmaca.com

2985-0089, daniel.abdo@sigmaca.com

This news release includes certain "forward-looking information" under applicable Canadian and U.S. securities legislation, including but not limited to statements relating to timing and costs related to the general business and operational outlook of the Company, including production estimates and projected cash flows, timing for the commissioning of the Greentech Plant, commencement of commercial production, completion of the report relating to the Greentech Plant expansion, operational commencement of cash flow and whether such cash flows can support the Greentech Plant expansion, operational future plans, activities, events, estimates, expectations or developments that the Company believes, expects or anticipates may occur.

Forward-looking information is based on certain assumptions and expectations, including but not limited to the impact of the economic and political conditions (including but not limited to the impact of the escalation of the military conflict between Russia and Ukraine, and economic sanctions thereon); the stable supportive legislative, regulatory and community environment in Brazil; anticipated trends and effects in respect of the pandemic and post-pandemic; demand for lithium, including that such demand is supported by growth in the electric vehicle market; the Company's market position and future financial and operating performance; the Company's estimates of mineral resources and mineral reserves, including whether mineral resources will ever be developed into mineral reserves; and the Company's ability to develop and achieve production at its mineral projects including that the Company will not experience materials or equipment shortages, any labour or service provider outages or delays or any technical issues in the course of commissioning or in respect of the Greentech Plant, the expected positive results of the engineering report. Although management believes that the assumptions and expectations reflected in the forward-looking information are reasonable, there can be no assurance that these assumptions and expectations will prove to be correct. Forward-looking information inherently involves subject to risks and uncertainties, including but not limited to that the Company may not develop its mineral projects into commercial mining operation; the market prices for lithium may not remain at current levels; and the market for electric other large format batteries currently has limited market share and no assurances can be given for the rate at which this market develop, if at all, which could affect the success of the Company and its ability to develop lithium operations. There can be no assurance that such statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking information. The Company disclaims any intention or obligation to update or revise any forward-looking information, whether because of new information or future events or otherwise, except as required by law. For more information on the risks, uncertainties and assumptions that may cause our actual results to differ from current expectations, please refer to the current annual information form of the Company and other public filings available under the Company's profile at www.sedar.com.

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