



Tesla's 'Battery Day' – a message about supply chain disruption

Tesla, Inc.'s Battery Day is one of the most eagerly awaited events on the battery calendar. Viewers were expecting Elon Musk, CEO of the electric vehicle ('EV') producer, space enthusiast and advocate of sustainable energy, to announce a 'million mile battery' and an EV with autopilot for the masses. That wasn't the case, so what did he say?



Musk's message was simple: acceleration of EV production and other sustainable-energy initiatives requires supply chain disruption: "Make the value chain as simple as possible," he advised. Partly, that involves minimising the steps from mining to battery production, plus reducing the volume of materials transported to create the final product. What Musk was advocating is the production of lithium chemicals at mine sites to reduce logistics costs.

[Lithium Australia NL](#) (ASX: LIT, 'the Company') has developed the technology needed to take Musk's vision one step further. By utilising material rejected during the production of spodumene concentrates, the Company's caustic conversion LieNA® process can improve yield from mining operations by recovering the lithium as a phosphate, thereby producing direct feed for the production of cathode powders for lithium-ion batteries, lithium ferro phosphate ('LFP') in particular.

Together, the Company and its subsidiary [VSPC Ltd](#) have patented technologies that shorten and simplify the supply chain from waste spodumene through to LFP cathode powder. Why is LFP so important? Because Tesla already uses this battery chemistry in the packs that power its Model 3 EV in China, and plans to adopt it for use in its medium-range EVs and energy storage units elsewhere in the world

To find out more about the pathway of lithium phosphate from waste spodumene to its use in the production of LFP batteries, contact Adrian Griffin at Lithium Australia.

Regards

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