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Sustainability in the battery industry

Lithium Australia NL (ASX:LIT – ‘the Company’) is a pioneer in the sustainability of battery metals. It has developed a suite of compatible technologies to optimise the efficiency of product delivery from the mine site to battery production and back again with the ‘re-birthing’ of battery materials.

Lithium Australia’s R&D programmes have generated some of the most advanced cathode materials available while reducing the number of process steps between the mine site and the battery. The Company’s suite of technologies supports its policy of delivering ethical and sustainable materials to the battery industry, and no activity in this field is more important than the recycling of spent batteries.

Although emissions from conventional vehicles are an environmental ‘blot on the landscape’, EVs are anything but ‘clean and green’ when their energy footprint is examined from a cradle-to-grave perspective. EV manufacture itself also requires an enormous energy input, in order to produce the metals required. However, an EV’s energy footprint is substantially reduced if the materials it contains, and batteries in particular, can be recycled.

Lithium Australia managing director Adrian Griffin provided some insight into the Company’s activities in an interview with Assay TV that went to air today. That interview focuses on how sustainability in the battery industry can be improved and describes Lithium Australia’s efforts to create the paradigm shift in processing methods required to meet our future needs.

The Assay TV interview can be accessed on the home page of the Lithium Australia website at <http://lithium-au.com/wp-content/uploads/2020/08/The-Assay-TV-Adrian-Griffin-Managing-Director-Lithium-Australia.mp4>.

Authorised for release by the Board.

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About Lithium Australia NL

Lithium Australia aims to ensure an ethical and sustainable supply of energy metals to the battery industry (enhancing energy security in the process) by creating a circular

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battery economy. The recycling of old lithium-ion batteries to new is intrinsic to this plan. While rationalising its portfolio of lithium projects/alliances, the Company continues with R&D on its proprietary extraction processes for the conversion of *all* lithium silicates (including mine waste), and of unused fines from spodumene processing, to lithium chemicals. From those chemicals, Lithium Australia plans to produce advanced components for the battery industry globally, and for stationary energy storage systems within Australia. By uniting resources and innovation, the Company seeks to vertically integrate lithium extraction, processing and recycling .

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