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Envirostream Australia announces first production from new battery recycling plant

HIGHLIGHTS

- **Envirostream Australia has constructed and commissioned its expanded Melbourne processing facility, which can recycle up to 3,000 tonnes per annum of spent batteries.**
- **High-value mixed metal dust ('MMD') containing the energy metals cobalt, nickel and lithium produced.**
- **First shipment of MMD to South Korea imminent.**
- **Envirostream Australia is the only Australian entity capable of recycling all energy metals from spent lithium-ion batteries.**

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Overview

Lithium Australia NL (ASX: LIT or 'the Company') and its 74%-owned subsidiary Envirostream Australia Pty Ltd ('Envirostream') are pleased to report first production of MMD from the latter's new battery recycling plant in Melbourne.

The first shipment of MMD – containing cobalt, nickel, lithium and carbon – from the plant is imminent. Sales of scrap steel, copper and aluminium also recovered from the spent lithium-ion batteries ('LIBs') processed to obtain MMD will recommence from the plant next month.

Producing MMD at the new facility.



Envirostream business model

Envirostream is the only company in Australia with the integrated capacity to collect, sort, shred and separate all the components of spent LIBs, making it a perfect fit with Lithium Australia's critical battery-metal-processing expertise.

The Australian-owned enclosed battery processing facility, designed and built by the team at Envirostream, is based on international best practice. Its ISO 14001-accredited modular processing technology, involving more than 3 years of research and development, recovers around 95% of the materials from a range of spent batteries, among them alkaline and nickel-metal-hydride types as well as LIBs.

As an onshore mixed-battery recycling company, Envirostream offers safe, sustainable and

innovative management solutions for what is emerging as one of the biggest challenges facing the domestic waste industry.



Envirostream, which has agreements with a number of retailers and manufacturers regarding the stewardship of spent batteries, is currently rolling out its collection network nationally with safe, reliable battery recycling units that are fully compliant with Australian standards.

The next step for Environstream is to provide every Australian with reasonable access to drop-off points for spent batteries, in order to avoid them being relegated to kerbside collections and landfill.

Comment from Lithium Australia MD Adrian Griffin

“The processing of spent batteries not only improves the sustainability of the battery industry but also prevents undesirable materials going to landfill, which reduces the potential for groundwater contamination. I applaud the Victorian government for banning such material from landfill – hopefully other jurisdictions will soon follow suit.

“We’re proud to be part of an environmental solution that offers every Australian the opportunity to recycle their spent batteries.”

For more information on the collection of spent batteries, please contact Envirostream.

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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 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 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 recycling, extraction and processing.

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