

21 February 2025

## Ministerial release related to A\$30 million grant from ARENA for Australian LFP demonstration plant<sup>1</sup>

Following the announcement yesterday related to the A\$30m grant from Australian Renewable Energy Agency ("**ARENA**"), Livium Ltd (ASX: LIT) ("**Livium**" or the "**Company**") is pleased to share a joint media release from the Hon Chris Bowen MP, Minister for Climate Change and Energy, and the Hon Ed Husic MP, Minister for Industry and Science, as well as a media release by ARENA.

A link to the media releases are as follows:

<https://minister.dcceew.gov.au/bowen/media-releases/joint-media-release-30-million-boost-aussie-battery-innovation>

<https://arena.gov.au/news/arena-funds-breakthrough-battery-cathode-technology-project/>

The media releases are also appended to this announcement.

Authorised for release by the Managing Director.

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### **Forward-looking statements**

This announcement contains forward-looking statements. Forward-looking statements are subject to a variety of risks and uncertainties that it is beyond the Company's ability to control or predict and which could cause actual events or results to differ materially from those anticipated in such forward-looking statements. Investors should be aware that past performance should not be relied upon as being indicative of future performance.

### **About Livium**

Livium (previously Lithium Australia) is aiming to lead and enable the global transition to sustainable lithium production. The Company operates Australia's market leading battery recycler, produces critical battery material lithium ferro phosphate (LFP), and has developed a patented lithium extraction technology (LieNA®). Livium's revenue-generating recycling business and technologies are well-placed to capitalise on growing global lithium-ion battery demand and provides diversification benefits to global supply chains.

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<sup>1</sup> The views expressed herein are not necessarily the views of the Australian Government, and the Australian Government does not accept responsibility for any information or advice contained herein.



The Hon Chris Bowen MP  
Minister for Climate Change and Energy

# Joint media release: \$30 million boost to Aussie battery innovation

20 February 2025

The Hon Chris Bowen MP, Minister for Climate Change and Energy

The Hon Ed Husic MP, Minister for Industry and Science

Home-grown Aussie-made technology to improve the quality of in demand batteries will receive a \$30 million boost, as the Albanese Government invests in a future made in Australia.

The Australian Renewable Energy Agency (ARENA) is supporting Queensland manufacturing company VSPC to commercialise a new process for manufacturing cathode powder used in lithium-ion batteries.

VSPC will build a new demonstration facility, likely in Brisbane, capable of producing 250 tonnes of cathode powder each year – enough to supply 12,500 household batteries or 1,600 EV batteries.

It also means a boost for local jobs, with the company able to quadruple its current number of staff.

This innovative tech will reduce waste, costs to consumers and help diversify global battery supply chains.

It builds on billions of dollars of end-to-end investment in battery supply chains under the Albanese Government’s Future Made in Australia plan: from legislated production incentives for critical minerals, through to manufacturing new battery products.

We are determined to secure Australia’s share of the new economic opportunities from the energy transformation.

## Quotes attributable to Minister for Climate Change and Energy Chris Bowen:

“Batteries are a cornerstone of the reliable renewable energy transformation, and this new investment is helping secure a future made in Australia too.

“While Peter Dutton doubts the viability of batteries and spearheads a \$600 billion nuclear scheme, the Albanese Labor Government is supporting real jobs right now to unlock the opportunities of the global energy revolution.”

## Quotes attributable to Minister for Industry and Science Ed Husic:

“We’ve got world-leading battery know-how and deep reserves of critical minerals needed for battery-making.

“Combining those strengths to create a thriving manufacturing industry is important for our economic future and that is what this investment is about.

“Jobs up, emissions down and Australian know-how at the forefront of a growing global market.”

20 February 2025

## ARENA funds breakthrough battery cathode technology project

The Australian Renewable Energy Agency (ARENA) has today committed \$30 million in conditional funding to VSPC Pty Ltd (VSPC) for its project, which seeks to commercialise a new process for manufacturing cathode powder for lithium-ion batteries. VSPC is a wholly owned subsidiary of Livium Ltd (ASX: LIT). The project will involve VSPC constructing a new 250 tonne per annum demonstration facility, likely to be constructed near VSPC's existing Brisbane facilities.

Through this project, VSPC will provide cathode powder samples to potential offtake partners and investors with the aim of locking in its major customers for a future commercial plant. The project will lead to advancements in cathode powder manufacturing and create significant benefits for lithium-ion battery production. Expected benefits include cost reductions, quality improvements, reduced waste and the diversification of global battery supply chains.

VSPC's new process combines the advantages of solid-state and solution-phase synthesis methods, to produce high-performance lithium ferro phosphate (LFP) and lithium manganese ferro phosphate (LMFP) powders with greater control of product characteristics and quality. This makes the process flexible for use in different battery cell technologies.

ARENA CEO Darren Miller said the critical role batteries will play in the clean energy transition, mean that any innovations to make them more effective, cheaper and cleaner should be supported.

"This project represents a potential breakthrough in cathode powder technology. If the project is successful, it could help catalyse competitive manufacturing of cathode powders and help diversify supply chains"

"As global demand for energy storage rises, domestic advancements in cathode powder could position Australia as a leader in advanced battery manufacturing, giving us opportunities to contribute to global supply chains and create new economic opportunities in renewable energy innovations", said Mr Miller.

Livium Managing Director and CEO Simon Linge said the project seeks to unlock a patented technology and advance diversified LFP supply chains, which will ultimately seek to increase access to high-quality, cathode materials.

"The grant from ARENA represents a significant step forward for our battery materials commercialisation. This grant, which follows an extensive process, is expected to facilitate further strategic private capital to complete funding for the project.

We are thankful to ARENA for their support", said Mr Linge.