



Energising a better world

FY24 Results Presentation
August 2024

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FY24 Highlights

Lithium Australia delivered a record FY24 financial and operational performance

Battery Recycling

\$6.7m

FY24 Revenue (FY23: \$5.5m)
+22%

\$0.5m

Maiden operating cash profit
achieved in Q4 FY24¹

\$2.2m

FY24 Gross Profit (FY23: \$1.5m)
+53%

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Exclusive recycling agreements signed
in FY24²

Patented Technologies

Dec 2024

Estimated completion of key LieNA[®]
JDA activities with MinRes

3

Non-binding MOU's signed for LFP /
LMFP³ development⁴

1. See ASX announcement, 'Recycling operations achieve maiden operating cash profit', 11 July 2024; 2. . See ASX announcements, 'New battery recycling agreement with LG Energy Solution', 18 March 2024; 'Exclusive battery recycling agreement with Hyundai Glovis', 25 March 2024; 'Exclusive battery recycling agreement Volvo Group Australia', 5 June 2024; 'Lithium Australia signs MMD off-take agreement with SungEel HiTech', 13 June 2024; 3. LFP = Lithium Ferro Phosphate, LMFP = Lithium Manganese Ferro Phosphate; 4. See ASX announcements, 'Lithium Australia signs MOU with First Phosphate', 7 December 2023; 'Lithium Australia signs MOU with Centrex regarding the development of LFP manufacturing', 16 April 2024

Battery Recycling

Record performance underpinned by operational optimisation and growth in collection volumes



Record revenue

FY24 revenue increased to \$6.7m (+22%), driven by strong LIB collections growth to 829 tonnes (+50%)



Enhanced profitability

Achieved FY24 gross profit of \$2.2m (+53%) and FY24 gross margin of 33% - driven by upstream service model



Exclusive recycling agreements signed

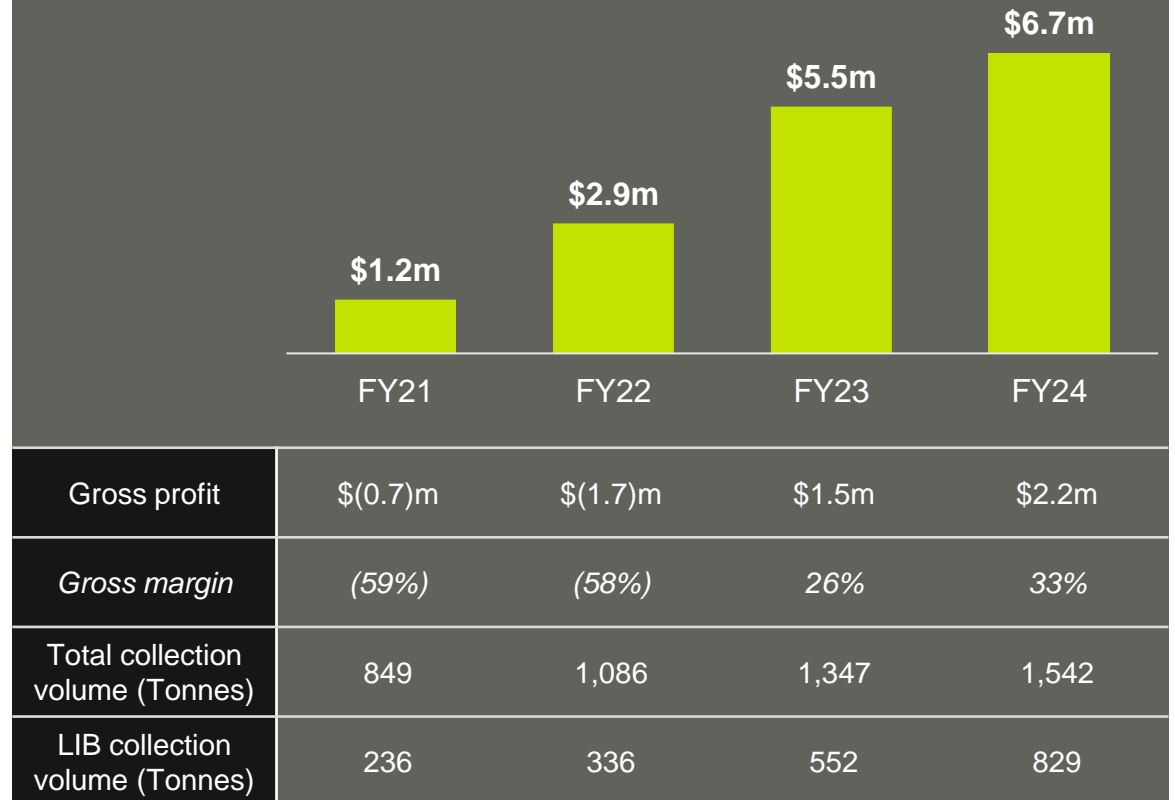
Landmark supply agreements signed with LG Energy Solution, Hyundai Glovis, and Volvo Group Australia



Joint development agreement in progress

Signed MMD off-take agreement with SungEel HiTech to purchase a minimum of 60% of LIT's annual production

Battery Recycling Revenue



Patented Technologies

Rapid progress made towards commercialisation of unique technologies

Lithium Chemicals: LieNA®



Piloting and study

- ✓ A\$3.0m drawn from MinRes convertible note
- ✓ Completion of initial stage piloting activities

Key activities to be completed in 2024:

- ☐ Final product analysis and refining
- ☐ Engineering study completion



JV formation & commercial scale

LieNA® technology to be held within 50:50 JV with MinRes. Key focus on proving technology at commercial scale through a demonstration plant



Licensing

License to miners globally at a gross product royalty rate of 8%¹ (with potential revenue of US\$21m p.a. from a single licence²)

Battery Materials



Progress to commercialisation

- ✓ Pilot plant operational and producing ~1-2 tpa of LFP³
- ✓ LFP product independently validated by NOVONIX
- ✓ Progressed raw material partnership discussions, as demonstrated by MOU's with First Phosphate and Centrex
- ✓ Advancement of grant applications for federal & state funding of an Australian demonstration plan



Funding Pathways

Commercialisation pathway driven by potential partnership with government or strategic partners to secure funding



Commercial scale production

Potential revenue of US\$319m p.a. assuming a 25,000 tpa⁴ commercial plant and an LFP price of ~US\$12.75/kg⁵

1. The Company cautions that although it considers this to be a reasonable expectation, there is no guarantee that this rate will be achieved; 2. Estimated revenue for the 50:50 JV based on: typical operation with 20,000tpa processing capacity (company assumption), achieving an average sale price of US\$13,000/t (Source: SMM, Lithium Carbonate (99.5% Battery Grade) , 26 June 2024 converted at prevailing CNY/USD rate) at an 8% royalty rate; 3. LFP = Lithium Ferro Phosphate; 4. Company estimate: 25,000 tonnes per annum; 5. Avenira Limited (ASX: AEV) Announcement (Scoping Study, 2 March 2023), Ave. LFP Basket

The background of the slide is an aerial photograph of a rugged coastline. On the left, there is a rocky shore with light-colored, textured rock formations and some dark, possibly cave-like openings. The water is a vibrant turquoise color, showing some darker patches that might be coral or rocks beneath the surface. On the right side of the image, there is a large, stylized graphic composed of several thick, white, geometric lines. These lines form a series of interconnected, angular shapes that resemble a stylized 'Z' or a series of connected 'V' and '7' shapes. The lines have a slight gradient, appearing lighter at the ends. The overall composition is modern and visually appealing, suitable for a presentation or report.

Appendices

Corporate: Snapshot

Strong balance sheet with cash and listed investments of A\$5.6 million

Share price performance (YTD)



Financial information

Share price (29-Aug-24)	A\$0.021
52-week trading range (low / high)	A\$0.018 / A\$0.039
Shares on issue	1,240m
Market capitalisation (29-Aug-24)	A\$26.0m
Cash (30-Jun-24)	A\$4.7m
Listed investments ¹ (30-Jun-24)	A\$0.9m
Cash and listed investments (30-Jun-24)	A\$5.6m
Debt (Convertible Note) (30-Jun-24)	(A\$3.0m)

Notes: 1. Includes Charger Metals NL (ASX: CHR) and Evion Group NL (ASX: EVG). Joint venture holdings of 30% for certain tenements held by CHR also exist.

Corporate: Board and management

High profile and capable team with specialised expertise

LIT Directors



Simon Linge
Managing Director / CEO



George Bauk
Non-Executive
Chairman



Kristie Young
Non-Executive Director



Phil Thick
Non-Executive Director



LIT Management



Stuart Tarrant
Chief Financial Officer



Steven Marshall
GM - Recycling



Andrew Skalski
GM – Safety, Risk, and Integration



Andrew Napier
GM - Technology Development



Julie Coleman
Chief People Officer



Thank You

Unit 1, 79–83 High Street,
Kew, VIC 3101
www.lithium-au.com



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Australia