

## Quarterly Report

Q4 FY24

### At a glance

#### Capital structure

3.37B

Shares on issue

\$6.8M

Market cap

\$1.24M

Cash (30 June 2024)

\$0

Debt

#### ASX Code

RIL

#### Board of Directors

##### Non-Executive Chairman

Jonathan Murray

##### Directors

Andrew Umbers

Michael O'Leary-Collins

#### Lithium-Ion Battery Recycling

Sweden, Norway, Denmark & Finland, UK & Ireland, Italy, Slovakia & SE Europe for certain licensed technology for deployment of patented hydrometallurgical circuits with Europe-wide coverage for sourcing for all forms of end-of-life portable and EV battery feedstock.

#### About Redivium (EST. 2002)

Our vision is to sustainably produce metals and related by-products for society.

Dated

26 July 2024



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## LiB Recycling

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› **Implementing Recent New Partnerships:**

Following commercial agreements concluded with in Central/SE Europe with Metalfer (Serbia), ECOWES/SNRB (Romania) and Asekol (Slovakia). Redivium has shortlisted partners to commence engineering feasibility studies and support local environmental and operating permit applications.

› **Developing Further Feedstock Partnerships:**

Redivium continues to pursue a number of similar battery recycling opportunities and is in active discussions with a number of parties across Europe as venture and operating partners founded upon contracted sources of compliant battery feedstock.

› **Engineering Studies Completed:**

An independent UK-based environmental engineering consultancy concluded its feasibility studies for a proposed UK operation in Chester, north-west England, including an analysis of required environmental and planning permits.

Further potential project, grant funding sources and investment incentives from the UK government and International Finance Institutions were identified.

› **Other Developments**

Commodity trading groups have been approached for indicative offers for pre-paid black mass offtake for the UK project with one group now in advanced stages for binding terms to be concluded end Q3/24.

Redivium is concluding negotiations with corporate finance advisors in the UK to support the structuring of the UK projects financing for which capital providers have already been identified. This includes sovereign export financing for the selected process technology.

Redivium is in the early stages of developing a specialist European trading solution for third-party as well as its own black mass to become income producing ahead of production. It is intended to develop this initiative with our commodity offtake partner to provide the trading capital and back-office trade settlement. Redivium's front-office will include logistics leadership.

## Feedstock Sourcing Strategy

During the 4<sup>th</sup> Quarter, Redivium continued to implement the binding Collaboration Agreement with Wood Expert Solution SRL and Asociatia Sistemul National de Reciclare a Bateriilor in Romania. Under the Agreement, Redivium and the Partners committed to work together to complete a feasibility study for a 10 tonne per day "spoke" battery recycling plant that will cover project economics, preliminary equipment design, layout, schedule, permitting and cost estimates. Redivium and the Partners agreed to work together to prepare a feedstock business plan based on an annual LiB volume of no less than 5,000 metric tonnes, comprising NMC, LMC, LCO and NCA chemistries for a 10 TPD processing capacity to Q4 2027. Engineering consultants have been shortlisted to commence environmental engineering, permitting and feasibility studies.

This proposed shredding "spoke" battery recycling plant partnership between Redivium and the Partners is in addition to the proposed "spoke" plants in the United Kingdom with G&P Battery Recycling Ltd (**GPBR**) and in Serbia with Metalfer Group (Metalfer). The GPBR agreement contemplates a four-year undertaking by GPBR to deliver 16,800 MT of qualifying LiB feedstock (subject to entry into a formal feedstock supply agreement) while the Metalfer agreement contemplates a feedstock business plan of no less than 4,000 MT comprising NMC, LMC, LCO and NCA chemistries.

Redivium also recognises the requirement for LFP recycling solutions. To this end Redivium is the global commercialisation partner with Greece's Sunlight LFP gigafactory in an EU underwritten project to develop a processing solution for LFP black mass. The starting processing capacity is 66,000 TPA. Redivium has begun the process of developing its LFP feedstock pipeline directly with LFP gigafactories across Europe.

A business plan aimed at processing alkaline single use batteries into a high-purity black mass for use as a soil enhancer is in early development. This initiative is being developed in partnership with a leading European chemicals and fertiliser group.

## Feasibility Studies

Following the agreement with UK partner GPBR, the Company engaged engineering firm Chris Wilson Consulting to initiate a Feasibility Study for a 10 TPD battery shredding 'Spoke' Plant to produce black mass. The Study is now complete and covers project economics, preliminary equipment design, layout, schedule, permitting and cost estimates. Redivium is at an advanced stage of lease negotiations in Chester for its proposed UK Spoke Plant and has identified potential sources of grants and investment incentives from the UK government and International Finance Institutions.

The Company will update the market once binding agreements are secured.

## Opportunity Pipeline

Redivium continues to focus on new potential shredding spoke and black mass refining hub projects for several LiB chemistries in Scandinavia, the UK/Ireland, Italy and central/SE Europe that will scale with the anticipated growth of new opportunities.

Redivium will update the market once binding agreements are reached. Furthermore, Redivium believes that the opportunity in relation to feedstock supply generated from Original Equipment Manufacturers and gigafactories is likely to lag somewhat behind collection compliance schemes.

The Company continues to believe its first mover advantage and path to production revenue remains with battery collection compliance schemes as a portable battery feedstock sourcing strategy across Europe due, in no small part, to the rising incidence of lithium-ion battery fires and a need to reduce such batteries to inert black mass upon collection. The changes in weather patterns only exacerbates this growing issue.

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## Corporate

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### Exploration assets

The Company and Classic Minerals Limited (ASX:CLZ) have agreed to extend the deadline date for satisfaction of the conditions precedent to 31 July 2024 (or such other date as agreed), to provide additional time for the satisfaction of the conditions precedent and completion of closure formalities with reference to the sale of tenements interests in the Forrestania Project.

## Capital Structure at 30 June 2024

DESCRIPTION	NUMBER
Fully paid ordinary shares	3,378,355,462
Unlisted Options exercisable at 6.1 cents on or before 25 November 2025	55,000,000
Unlisted Options exercisable at 3.2 cents on or before 25 November 2025	5,000,000
Unlisted Options exercisable at 1.1 cents on or before 25 November 2025	5,000,000
Unlisted Options exercisable at 1.5 cents on or before 5 October 2027	25,000,000
Unlisted Options exercisable at 2.5 cents on or before 5 October 2027	25,000,000
Unlisted Options exercisable at 3.5 cents on or before 5 October 2027	25,000,000
Unlisted Options exercisable at 1.5 cents on or before 27 November 2027	30,000,000
Unlisted Options exercisable at 2.5 cents on or before 27 November 2027	30,000,000
Unlisted Options exercisable at 1.5 cents on or before 19 January 2027	25,000,000
Performance Rights expiry on 5 October 2027	18,750,000
Performance Rights expiring 31 December 2024	24,000,000
Performance Rights expiring 31 December 2025	24,000,000
Performance Rights expiring 31 December 2026	24,000,000

## Financial

The Company had cash on hand as of 30 June 2024 of approximately \$1.24 million.

Related Party payments for the Quarter, as outlined in the Appendix 5B at section 6.1, totalled \$122,000 which included amounts paid for directors' fees and services provided by directors.

Refer to the Quarterly Cash Flow Report for an overview of the Company's financial activities during the Quarter.

## Use of Funds<sup>1</sup>

EXPENDITURE	FUNDS ALLOCATED UNDER PROSPECTUS (\$)	ACTUAL TO 30 JUNE 2024 (\$)	VARIANCE (\$)
LiB recycling activities	2,700,000	2,395,269	304,731
Exploration	1,800,000	311,136	1,488,864
Working capital	550,000	1,193,667	(643,667)
Re-compliance cost	200,000	222,663	(22,663)
Cost of Offer	250,000	271,707	(21,707)
<b>TOTAL</b>	<b>5,500,000</b>	<b>4,394,442</b>	<b>1,105,558</b>

This ASX announcement has been authorised for release by the Board of Directors.

For further information, please contact:

Mindy Ku  
Company Secretary  
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<sup>1</sup> The Use of Funds table is a statement of current intentions. Investors should note that the allocation of funds set out in the table may change depending on a number of factors including the results of exploration, outcome of development activities, regulatory developments and market and general economic conditions.

## ASX Announcements

ASX announcements during the period 1 May 2024 to date of report

DATE	ANNOUNCEMENT
23/07/2024	Final Director's Interest Notice (BJS)
05/06/2024	Sale of Forrestania - Extension of Completion Date
16/05/2024	Sale of Forrestania - Extension of Completion Date
06/05/2024	Initial Director's Interest Notice (MOLC)
02/05/2024	MD Resignation Notice

## Tenement Summary

### Granted Tenements

Tenement number	Interest 4 <sup>th</sup> Quarter 2023/2024		Note
	Start	End	
<b>REED EXPLORATION PTY LTD<sup>1</sup></b>			
<b>Location: Forrestania, Western Australia</b>			
E77/2207-I	100%	100%	2,3
E77/2219-I	100%	100%	2,3
E77/2220-I	100%	100%	2,3
E77/2239-I	100%	100%	2,3
P77/4290	100%	100%	2,3
P77/4291	100%	100%	2,3
E77/2546	100%	100%	3
E77/2711	100%	100%	3
P77/4534	100%	100%	3
E77/2460	100%	100%	3

**Note:**

- 1 Reed Exploration Pty Ltd (**REX**) is a wholly owned subsidiary of Hannans Ltd. REX is the registered holder of the tenements unless indicated otherwise.
- 2 REX holds a 100% interest in all minerals excluding gold. REX holds a 20% free-carried interest in the gold rights.
- 3 All Forrestania tenements were sold to Classic Minerals Limited (**Classic**). Refer to ASX announcement titled 'Sale of Forrestania' released on 3 October 2023.

### Tenement Applications

None.

### Relinquished or Lapsed Tenements

None.

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