

# Investor Presentation

June 2024



ASX:SYA | OTCQB:SYAXF



# Corporate Summary

## Corporate Structure (as at 18 June 2024)

Shares on Issue	10,293M
Options on Issue (exercise at \$0.15-0.18 before Dec-25)	12M
Share Price	A\$0.035
Market Capitalisation	A\$360
Cash at Bank <sup>1</sup>	~A\$99M
Debt <sup>1</sup>	Nil
Enterprise Value	A\$261

## Board & Senior Management

**James Brown**  
Interim CEO  
Executive Director

- 35 years' experience including 22 years with New Hope Corporation
- Extensive mine development & operational experience

**Paul Crawford**  
Executive  
Director/Company  
Secretary

- CPA with 40 years' public company experience
- Founding director of Orocobre Ltd (now Arcadium Lithium)
- Former Company Secretary for a number of listed companies

**Allan Buckler**  
Non-Executive Director

- 40 years' experience building mining operations in Australia and Indonesia and former Director and Chief Operations Officer for New Hope Corporation
- Member of Audit & Risk, Remunerations & Nomination Committees

**Phil Lucas**  
Non-Executive Director

- Experienced lawyer with focus on equity markets, mergers and acquisitions
- Member of Audit & Risk, Remunerations & Nomination Committees

**Lucas Dow**  
Non-Executive Director

- Mining Engineer with extensive experience in project development and delivery
- Member of Audit & Risk, Remunerations & Nomination Committees

**Dougal Elder**  
CFO

- CA qualified finance professional with more than 15 years experience across Australia and international companies

**Sylvain Collard**  
Executive Vice President &  
Chief Operating Officer

- Mining industry professional with over 20 years experience in mine development and management including with IAMGOLD
- Responsible for all Sayona Quebec operations and management

# Sayona Strategy

Clear pathway to building the next major, global lithium company

	<b>Optimise operations</b>	Ramp up production at NAL to sustainably optimise production and maximise returns and cashflow generation	<b>Mostly Complete</b>
	<b>Expand resource base</b>	Expand known mineral resources through drilling programs at NAL and Moblan and continue value accretive exploration in Québec and Western Australia	
	<b>Develop assets</b>	Deliver portfolio potential through the development of upstream assets and pursue value accretive growth options	
	<b>Integrate downstream</b>	Evaluate and secure opportunities for downstream integration into higher value lithium carbonate and lithium hydroxide production	<b>Continuing</b>
	<b>Explore strategic partnerships</b>	To lock in demand, access-end markets, establish a vertically integrated supply chain, and fund the accelerated development of the Company with strict cash flow management	



# Investment highlights



## Market

- Low sovereign/economic risk geographies of Australia and Canada
- Exposure to IRA incentives
- First operating lithium mine in Quebec

## Assets

- Two of the best North American hard-rock lithium assets
- Excellent infrastructure
- Large tonnage deposits
- High grade resources
- Largest operating lithium mine in North America

## Track Record

- Proven track record of production and successful development
- Strong government and community support

# North America's leading producer of hard-rock lithium

Abitibi Temiscamingue and Eyou Istchee James Bay Hubs



## North American Lithium Largest NA lithium producer

**75.4Mt @ 1.18%**<sup>1</sup>

- Only major North American lithium producer
- Partially complete lithium carbonate plant
- Access to low-cost, renewable power and mature infrastructure
- Drilling indicates potential to expand resource
- Planned production capacity 226ktpa Li<sub>2</sub>O
- Sayona 75% : Piedmont 25%

## Moblan Lithium Project Sayona's next flagship project

**70.9Mt @ 1.15%**<sup>2</sup>

- Emerging hard-rock deposit
- Close to major infrastructure such as roads, power lines and railroads
- Available and trained local workforce
- Drilling indicates potential to expand resource
- Estimated operating unit cost comparable with most competitive hard-rock lithium mines in production
- Planned production capacity 300ktpa Li<sub>2</sub>O
- Sayona 60% : Investissement Quebec 40%



1. Refer to announcement 14 April 2023 – DFS confirms NAL value with A\$2.2B NPV. Combined JORC Measured, Indicated and Inferred Resource for NAL and Authier. Canadian National Instrument 43-101 Measured and Indicated Mineral Resource for NAL is 25Mt @ 1.23% and for Authier is 14.1Mt @ 1.01% Li<sub>2</sub>O

2. Refer to announcement 20 February 2024 – Moblan DFS positive results with \$2.2B NPV. Canadian National Instrument 43-101 Measured and Indicated Mineral Resource is 49.9Mt @ 1.20% Li<sub>2</sub>O at cut-off grade of 0.25%. JORC resource sensitivity of 51.4Mt @ 1.31% Li<sub>2</sub>O (sensitivity analysis at 0.55% Li<sub>2</sub>O cut-off grade)



# Optimise Operations

## FY24 YTD highlights (end 31 March)

NAL ramp-up progresses with production hike

**Ore Mined**  
897,968 wmt

**Production**  
106,162 dmt

**Shipments**  
130,208 dmt

**Sales Price**  
A\$1,354 / dmt

**Costs**  
A\$1,398 / dmt

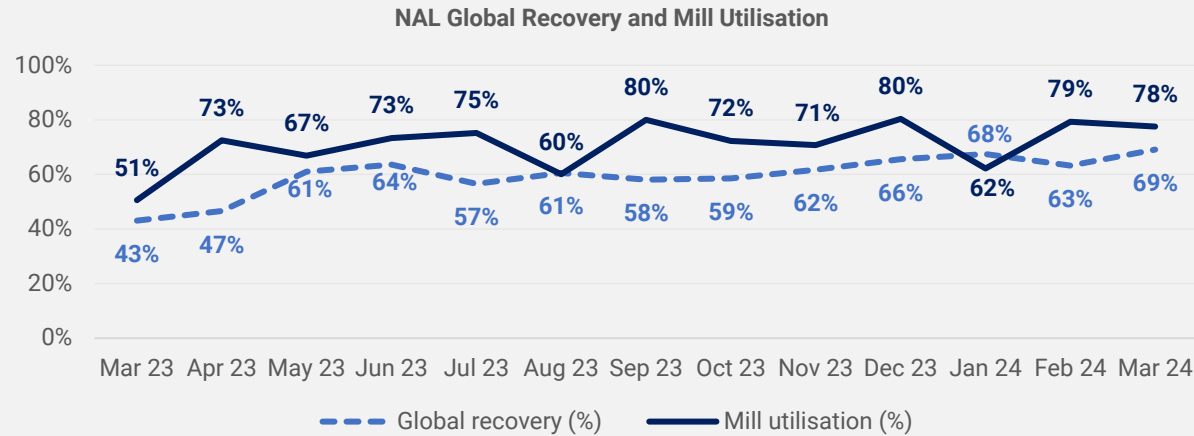
**Revenue**  
A\$176M



# Optimise Operations

## NAL production ramp delivering significant QoQ production increase

### NAL Global Recovery and Mill Utilisation



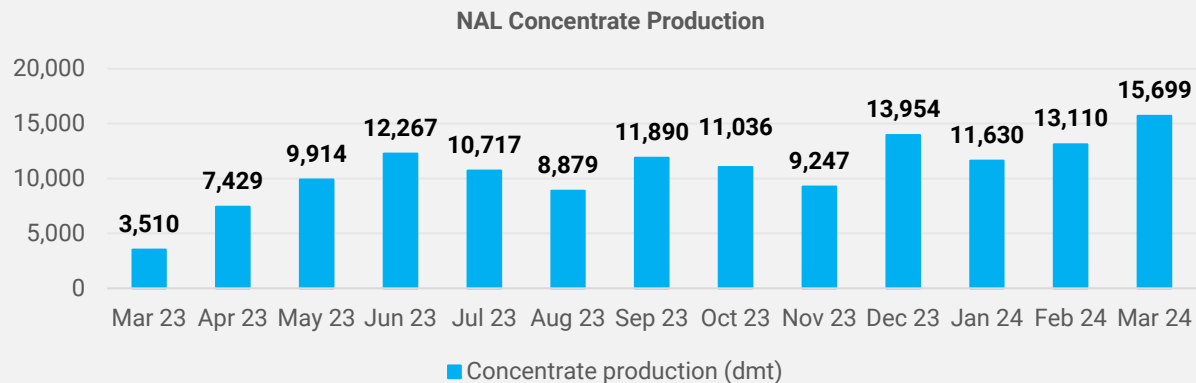
Production restart and maiden shipments within 2 years of NAL acquisition

Significant increase in ore mined, combined with higher grades delivered to plant due to increased blasting efficiencies and dilution management

Continued focus on improving process plant utilization and plant stability

Shipments to customers continuing

### NAL Concentrate Production





## Optimise Operations and Guidance

Optimising feed stability to improve utilisation and recovery



Crushed Ore Dome

**Concentrate production FY24**

**140,000 – 160,000** dmt

Spodumene concentrate production at 5.4% Li<sub>2</sub>O

**Concentrate sales FY24**

**160,000 – 180,000** dmt

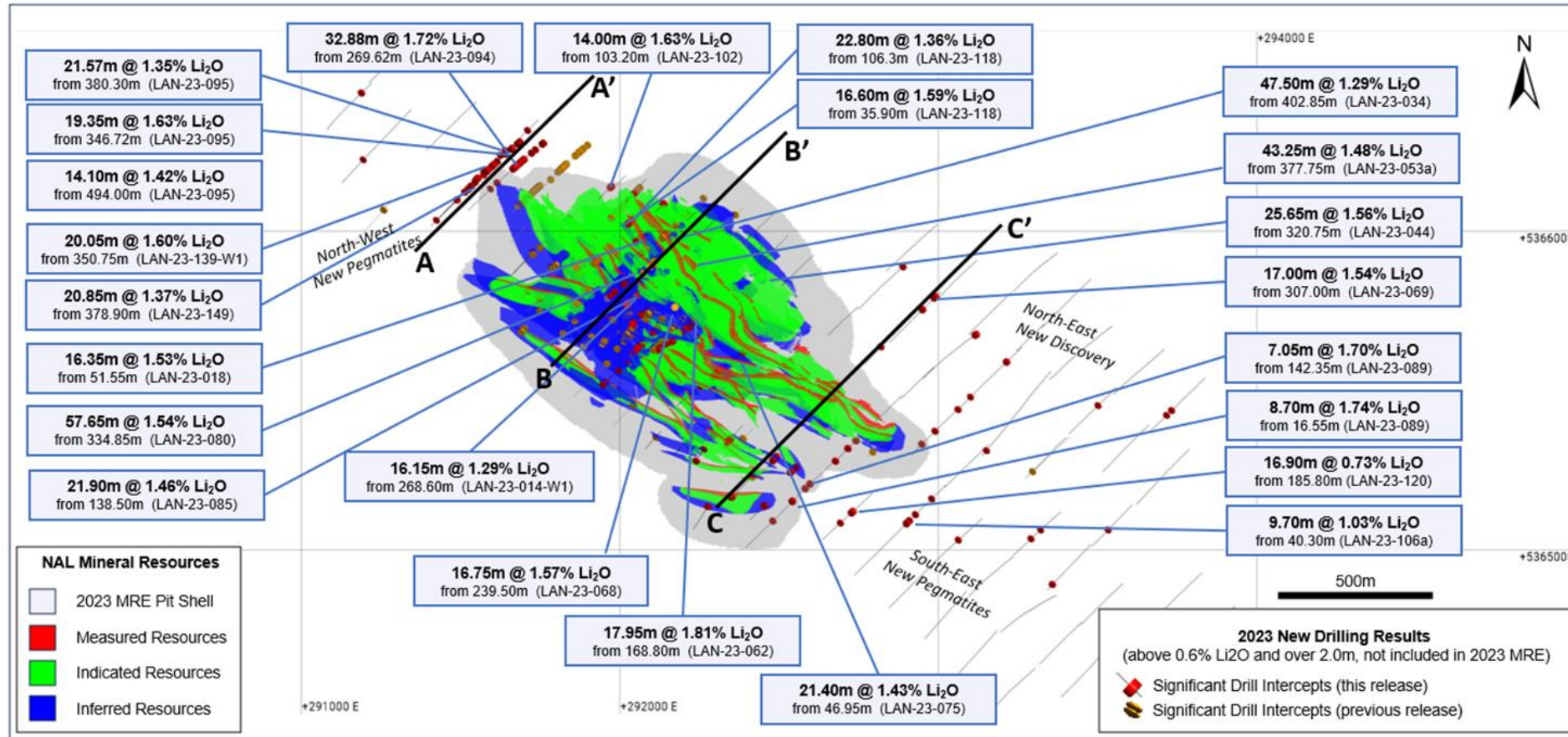
Spodumene concentrate sales 5.4% Li<sub>2</sub>O



# Expand Resource Base

# Expand Resource Base

## New high-grade lithium pegmatite mineralised zones identified at NAL



High-grade lithium mineralisation is open to the north-west, north-east, south-east and below the MRE pit shell

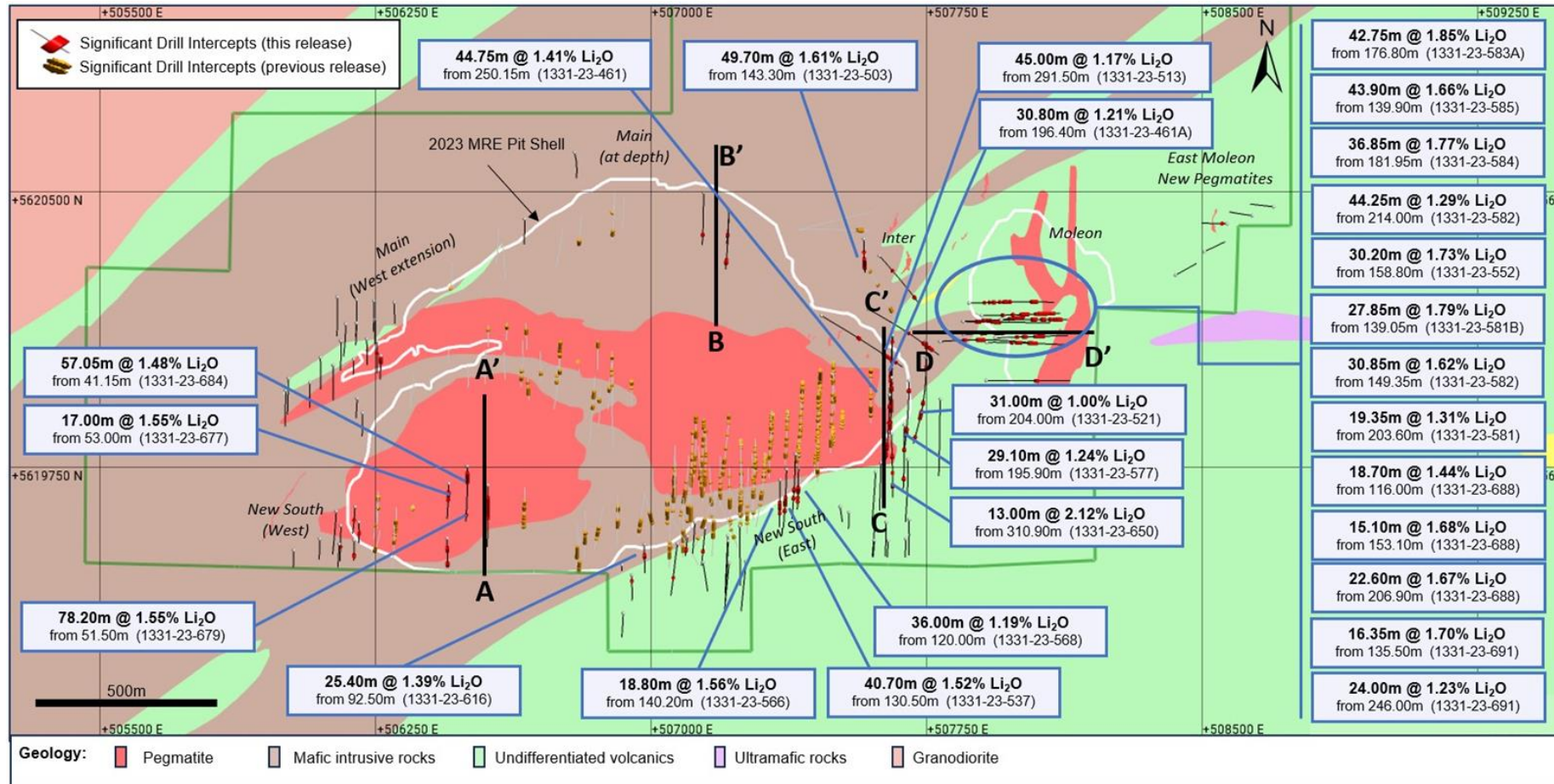
Further drilling planned for 2024

Mineral Resource Estimate to be updated with successful new drilling data



# Expand Resource Base

## Drilling results show expansion potential of Moblan Lithium footprint



Completed exploration drilling totalling 60,084m at Moblan in 2023

Results show high-grade mineralisation identified outside of the current Mineral Resources estimate (MRE) pit shell model in all directions and at depth

Mineralisation inside MRE pit shell continues to show continuity and consistency in grade and thickness

Mineral Resource Estimate to be updated with successful new drilling data





# Develop Assets

## Develop Assets

### Highly supportive DFS for Moblan Lithium project



JORC Measured, Indicated and Inferred Resource  
70.9 Mt @ 1.15% Li<sub>2</sub>O<sup>1</sup>










Easily accessible resource – high grade, low strip ratio, and high Li<sub>2</sub>O recovery

Close to, and well-serviced by, key infrastructure and transport nodes such as roads, railroads, and power lines – enabling year-round access

Excellent access to high growth EV and battery markets across North America

## Develop Assets

Moblan Lithium DFS – premium hard-rock lithium resource with low-cost potential

	<b>Mine life</b>	21 years		<b>Total revenue</b>	C\$14.4 billion		<b>Post-tax NPV</b>	C\$2.2 billion
	<b>Ore reserves</b>	34.5Mt 1.36 Li <sub>2</sub> O		<b>Net cash flow</b>	C\$6 billion		<b>Pre-tax IRR</b>	34.4%
	<b>Annual production</b>	300ktpa 6% Li <sub>2</sub> O		<b>Operating unit cost</b>	C\$555/t		<b>Payback</b>	2.3 years



# Integrate Downstream



## Integrate Downstream

Lithium carbonate study demonstrates value in downstream integration

<p><b>16 Years</b> Plant Life</p>	<p><b>C\$555M<sup>2</sup></b> Project capital cost</p>
<p><b>23,610t</b> Annual carbonate production</p>	<p><b>C\$2,052M<sup>3</sup></b> After-tax NPV<sub>8%</sub></p>
<p><b>186,000t<sup>1</sup></b> Annual concentrate feedstock</p>	<p><b>50%</b> After-tax IRR</p>

Low capex pathway to downstream due to existing infrastructure at NAL

Trade-off study enhances confidence in pathway to lithium carbonate production



# Explore Strategic Partnerships

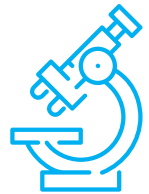
## Explore Strategic Partnerships

Partnerships to fund development and vertically integrate supply chain



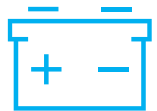
Commodities trading houses

Facilitate market access



Chemical manufacturers

Pathways to downstream integration



Battery manufacturers

Pursue co-investments



Automakers

Lock in long-term off take agreements



# Sustainability and upcoming milestones



# Sustainability

## Creating long term value from sustainable operations

### Workforce wellness, training and development

- Dedicated OHS team for exploration side
- Strong commitment to OHS training courses
- Share purchase plan open to all employees

### Diversity, gender equality and culture

- Promote hiring of women and First Nations

### Contribution to local communities

- Significant funding injected into local economies over past year
- Workforce substantially drawn from local communities

### Environmental stewardship

- Active management of water usage, tailings, biodiversity impact
- Member of Mining Association of Canada's Towards Sustainable Mining initiative

### Continuously improving disclosure

- First Sustainability Report published in 2021
- Exploring adoption of additional reporting frameworks



# Upcoming events

NAL	Moblan	Western Australia	Corporate
Resource update Reserve update for depletion*	Resource update	Continue drilling at Tabba Tabba	Continuation of Board renewal process
Achievement of nameplate capacity	Continuation of baseline environmental studies	JV drilling at Tabba Tabba East	Development of strategic partnerships
Continuation of resource definition drilling	Continuation of resource definition drilling	Progress other lithium and gold tenements	
Continue operational optimisation	Consider options for development		



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