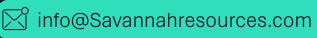
# SA ANNAH

### ENABLING EUROPE'S ENERGY TRANSITION

Savannahresources.com



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@SavannahRes

THE BARROSO LITHIUM PROJECT (BLP):

Developing Europe's largest Spodumene Project

INVESTOR PRESENTATION

May 2025

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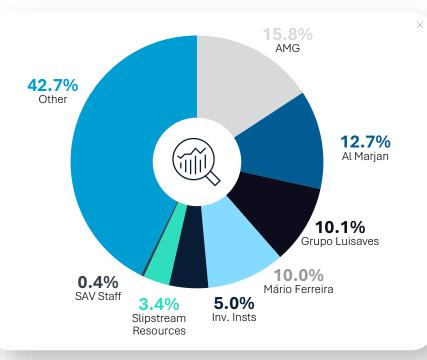
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## Savannah Resources AT A GLANCE

## Shareholding structure<sup>1</sup>

- V Increasing **European shareholding** with entry of AMG and Portuguese investors in 2024 & YTD
- **V Board & Staff** total shareholding c.17%<sup>1</sup>



### Main company features

**100%** owner of Europe's largest and most competitive lithium spodumene deposit

Playing a pivotal role in the **European Li Battery value chain** 

**Experienced team with strong credentials** in Lithium, Energy Transition, Mining & Portugal

### **50-75**%

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(\$) 0 offtake still free – lots of strategic optionality for more **partnerships** 

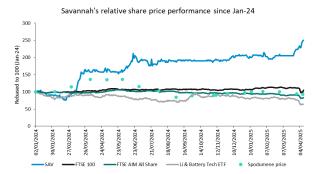
Well funded project (US\$23m cash, 0 debt)<sup>3</sup> for ongoing DFS work

Aligned with Government & Europe strategy, potential **subsidies upside** 

22 April Proforma 2025, Total Board (ex AMG) & staff stake c.17% including Al Marjan, Slipstream Resources, Other Board & staff
 As at 25 April 2025
 As at 31 December 2024

# Share price performance

- V Market Cap<sup>2</sup> £116m (US\$ 153m) - 2,172m shares in issue
- Share price recovered partially, rising 107% in 2024, significant upside remains



 Further value to be created through ongoing project development, derisking & market recovery

## The BLP HAS ALL THE KEY INGREDIENTS FOR SUCCESS

### Critical

A secure, domestic, responsibly managed, foundation for EU's auto & battery industries - a 'Critical' and 'Strategic' material for Europe – classified by the EU as Strategic Project under CRMA

### Expandable

Already Europe's largest spodumene resource - but we have only just started: all orebodies open, many other pegmatites

### Financeable

Modest capex, rapid payback, high IRR. Eligible for up to US\$270m loan guarantee from German tier-1 ECA & Development Bank



### **Achievable**

Well advanced, largely de-risked: Mining Lease, environmental approval, & conventional mining, processing & mineralogy, ESG compliant

## Valuable

Value recognised by lithium industry player (AMG), significantly more value to be reflected from NPV. market re-rating & future growth

### Investable

Great project, experienced team, EU location, positive lithium market outlook, significant upside

### **Right on time**

On fast track to serve the 2027+ shortage, as Europe rapidly scales up its Lithium Battery value chain & FV market

## Scoping Study - sequential "extract & backfill" footprint FOR THE FIRST 14 YEARS / 20MTON

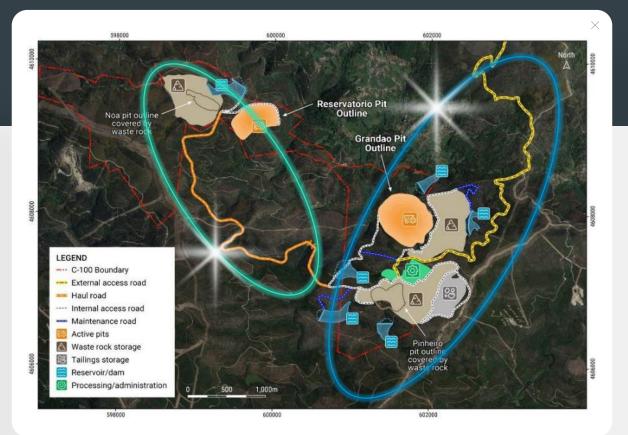
## Phase

## **East Block**

 Water reservoirs, drainage structures – all infrastructure placed away from the water courses & below sight lines

01

- Base infrastructure: > 30 km access roads avoiding villages, Power line deviation, Offices & 1.5Mt Processing plant
- V Mining Operations: Pinheiro (Years 0-1.5) & Grandão (Years 2-9)
- V Installation of Tailings Storage Facility (TSF) away from river
- V Full progressive rehabilitation (Non-native pine forest removed & revegetation possible with native species, on top of compensation measures)



No community relocation – not affecting a single house

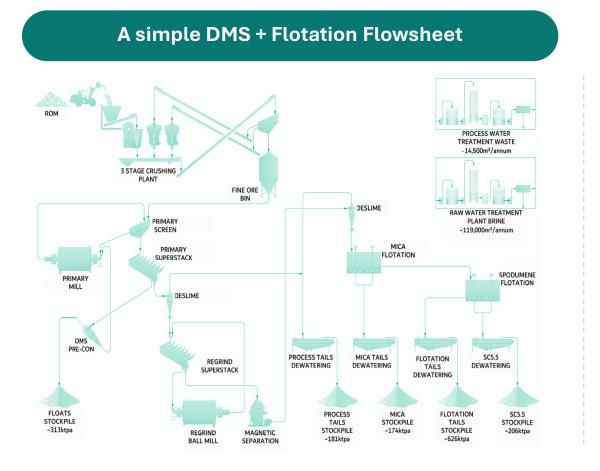
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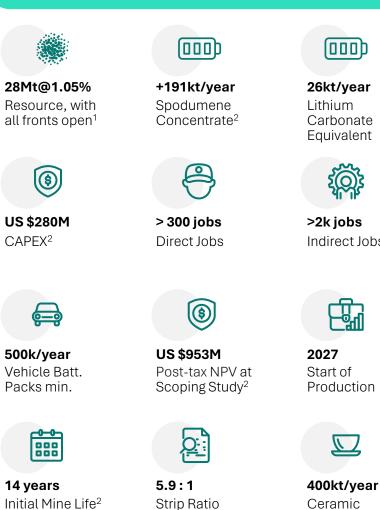
## West Block

- ✔ Additional infrastructure: Internal access from the new pits to the processing plant (year 6-9)
- V Water management: Reservoirs and additional drainage structures
- Mining operations: NOA (Year 9) & Reservatório (Years 9-12)
- Final rehabilitation and decommissioning (After Year 12)
- V From Scoping do DFS: Various improvements targeted in all fronts, and further work into additional pegmatites

## **A Conventional SC Project With Easy Mineralogy**



Conventional Proven Technology, with best WA engineering **De-risked project operations & Secure commercial readiness**  **Key Tech & Operational features** 



(Waste:Ore)<sup>2</sup>

1. Data from June 2023 Scoping study

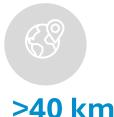
(000b 26kt/year Carbonate Equivalent



>2k jobs Indirect Jobs

By-Product<sup>2</sup>

>600 drill holes since 2017



of drilling

5 ore bodies

## SAVANNAH

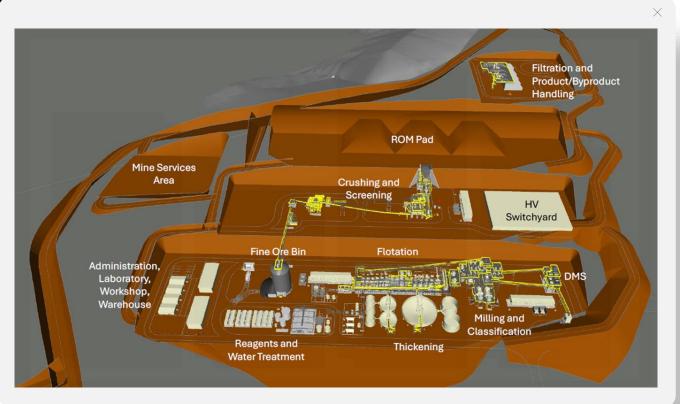
## **1<sup>st</sup> DFS plant design** DE-RISKING APPROACH being followed

Project's flowsheet combines DMS and a flotation circuit for the recovery of spodumene into a concentrate

Plant has a processing capacity of **1.5Mtpa** and an estimated **availability of 85%**  **02** Resulting tails are thickened, dried and stacked which eliminates the need for a tailings dam and reduces the overall footprint of the operation

 $(\mathbf{v})$ 

Reagents to be used at the plant are all environmentally friendly and meet European Reach requirements



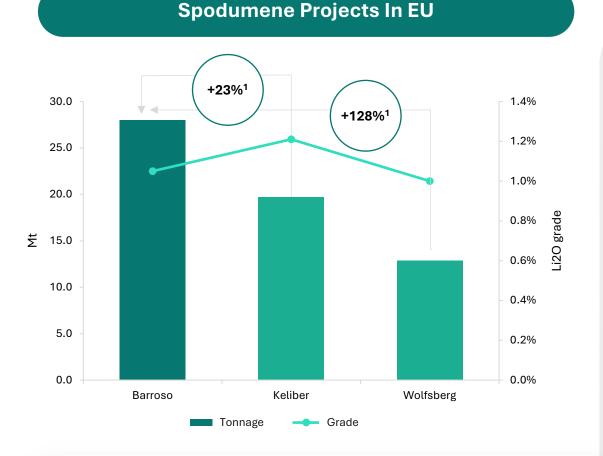
**05 Mitigation measures** to be put in place to minimise impacts of plant operation (air quality, noise, etc.) Quartz-feldspar to be explored as **by-produ** 

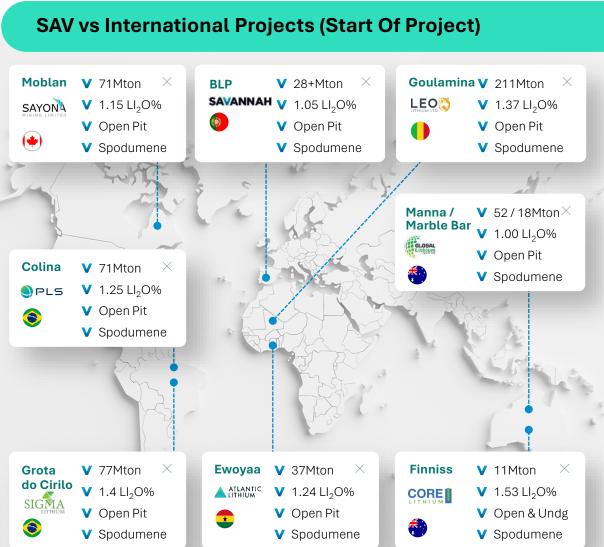
explored as **by-products** for the Iberian industries (e.g. ceramics), with different players in the market – circularity

## 07 O

Maximized use of renewable energy – local power mix is already close to 100% renewable

# Unmatched in Europe with great exploration potential, part of the Great Ones Globally





Keliber +1y ahead. Otherwise, **no alternative projects in EU at this stage** - not conventional SC nor Brine, all hard & delayed



# Phase 1: Set to be in production in 2027, & to deliver strong value at scale

#### Savannah's Barroso Lithium Project



#### A relevant size, even before scaling it up

- ▼ 1-2 processing trains in a typical Li conversion plant at start
- ✓ 500k+ EV battery packs p.a. (>16% EVs sold in EU in '24)<sup>4</sup>
- V 30% of the EU's CRMA target of 10% endogenous Li by 2030<sup>5</sup>



**Purity:** a **clean concentrate** with low iron & mica content ideal for manufacturing Li battery chemicals

**Time to Market: operational in 2027,** a great moment in terms of global market needs & EU strategic and geopolitical imperatives



**Lessons Learned:** learning from years of the best in Western Australia and starting production 1.5 years after Keliber in Finland



**Circularity at its core:** 80%+ renewable power, quartz / feldspar concentrate by-product, ideal for the Iberian ceramics industry (within 200-400km)

Economics Are Robust In Any Market Environment<sup>1</sup>

#### Scoping study results, at 1450\$/ton

Mining Inventory	20.5Mt at 1.05% Li <sub>2</sub> O
Initial life of Project	14 years
Avg Annual conc. production	191kt @ min. 5.5% Li <sub>2</sub> O
Gross Li-Carb/Hydr. Equiv	26ktpa LCE/29.5ktpa LHE
Initial Capex (19% contingency)	US\$235.9m (US\$280m)
Average C1 cash costs <sup>2</sup> /AISC <sup>3</sup>	US\$292/t; US\$409/t
LCE cost curve position	50th percentile (top quartile in SC)
Post-tax NPV8%	US\$953m
Breakeven SC5.5 price	US\$600/t

1, As per Scoping Study RNS, 12 June 2023 | 2, C1 operating costs include all mining, processing, transport, G&A and community costs, and are net of ceramic by-products credits (-US\$132/t concentrate) and exclude royalties

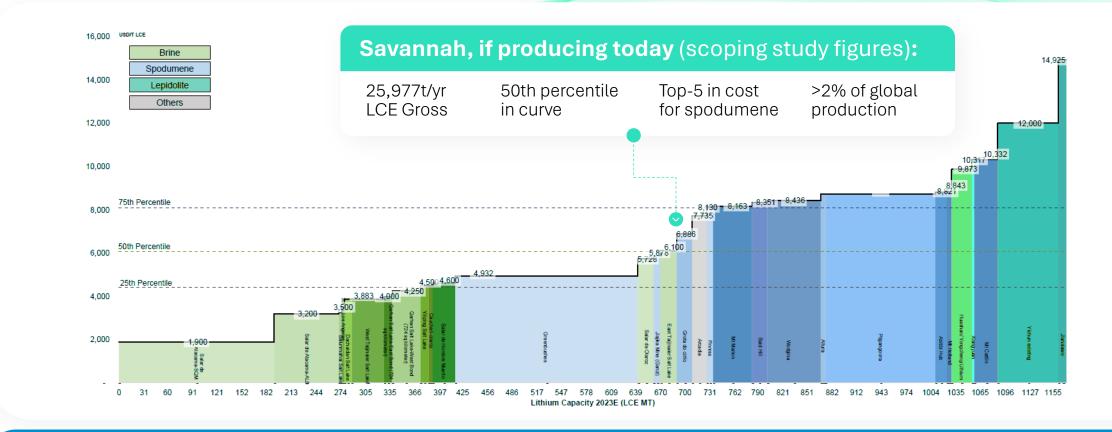
3, All-in Sustaining Costs include all mining, processing, transport, G&A and community costs, royalties, sustaining capex and closure & rehabilitation costs, and are net of ceramic by-products credits (-US\$132/t concentrate)

4, Source: rho motion | 5, Assuming 10m EVs sold in 2030



## **Compares well to any other** MAJOR LI PROJECT TODAY

**More competitive than half the world's production<sup>1</sup> today** Expecting to be even better in the future



**Savannah has a unique and irreplicable caveat:** in Europe, inside the EU – no one with a comparable geopolitical & logistical & risk & regulatory position, no one with similar size & enviro standards & still competitive cost structure

Cost curve taken from Jefferies research note, 'Lithium 2024: Taking the Hard Road to 'Normal' with Reluctance to Cut Capex', 1 Dec 2023. Savannah LCE operating cost – Company estimate



# Plenty Of Additional Upside To Be Materialized

### **JORC** Resource

- V Significant potential to build on already existing 28Mt, conservative additional exploration target of 11-19Mt (@ 1-1.2% Li<sub>2</sub>O)
- All orebodies are open along strike and down dip

Aldeia Concession

V Under Option final payments due end 2025

V Only 1 of 3 blocks has had drilling to date

## Second block (B) with very promising potential



 V Numerous new pegmatites still to be tested inside the concession area

V Great recent field result, with new surface sampling returning up to 3% Li<sub>2</sub>0

### Add-Ons

- A very large mineralised system is present, combined
   ~50Mt resource and exploration target<sup>1</sup> has further potential for expansion
- On top further exploration areas granted & very well positioned for national auction for new areas

Cautionary Statement: The potential quantity and grade of the Additional Exploration Targets is conceptual in nature, there has been insufficient prospecting work to estimate a mineral resource and it is uncertain if further prospecting will result in defining a mineral resource.

<u>\$</u>

**B** 

SAVANNAH



## **Today's RNS**

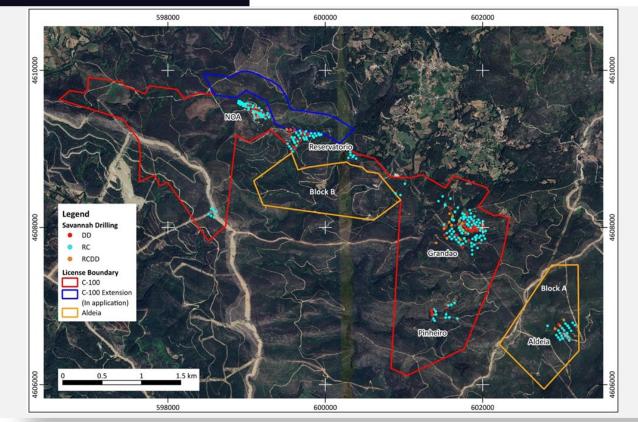
## Supporting resource upgrades & identifying opportunities

DFS Drilling Progress:

advancing well with over 8.000m/75 holes drilled so far. Assays from 42 holes received to date

**Programme Focus: JORC** Resource definition at Pinheiro, Reservatório and Grandão + Geotech + metallurgy

02♡



## **Pinheiro pit** ⊙

#### Higher-grade, shallow

**zones** now regularly intersected, e.g. 20.8m @ 1.48% Li<sub>2</sub>O from 44.6m & 31.0m @ 1.46% Li<sub>2</sub>O from 66.0m

Additional potential:

Continuing at depth, pegmatite thickening; Orebody open along strike too

## **Reservatório** $\odot$

Near surface, higher grades reported too: e.g. 22m @ 1.56% Li<sub>2</sub>O from 25m; 22m @ 1.51% Li<sub>2</sub>O from 64m

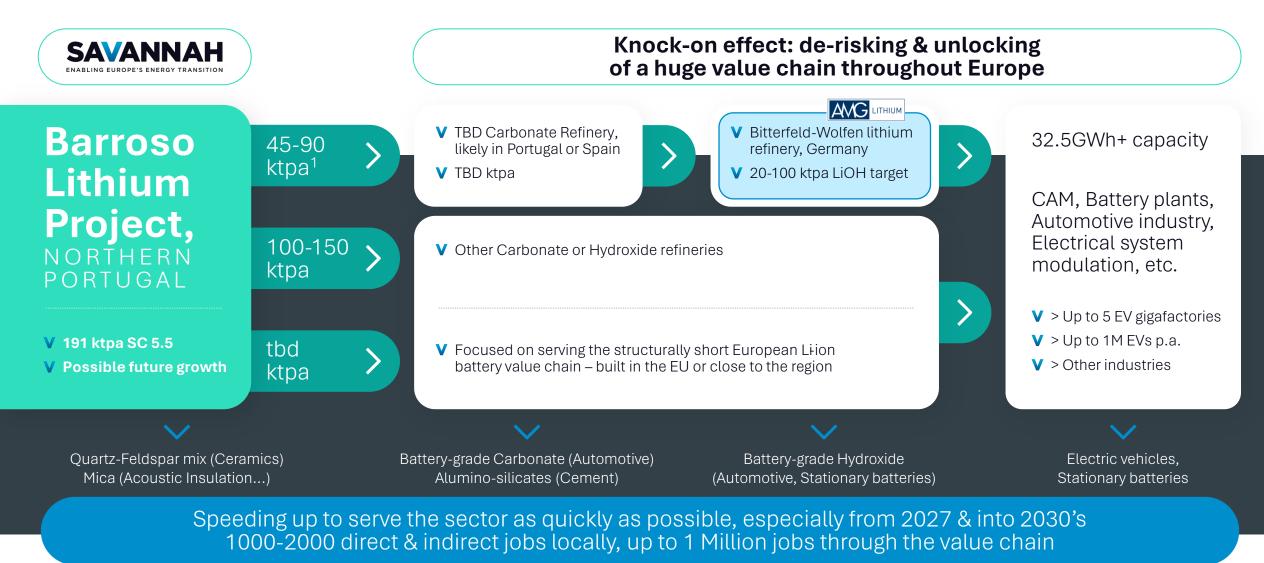
Additional potential:

Mineralisation seen continuing at depth, e.g. 23.1m @ 1.28% Li<sub>2</sub>O from 99m & 20m at 1.06% Li<sub>2</sub>O from 127m

## Plus ©

Shallow, higher grade material found at Grandão too: e.g. 13m @ 1.14% Li<sub>2</sub>O from 3m

# Why this matters: We are creating a foundation for the EUROPEAN LI-ION BATTERY CHAIN





## & IT IS HAPPENING, RIGHT HERE Perfectly placed to Supply Europe's Battery Value Chain

#### A co-catalyst of a revolution that has just been confirmed in Portugal

Mining	Refining		Batteries		Automotive		
SAVANNAH FACILITAR A TRANSIÇÃO ENERGÉTICA DA EUROPA	Lifthium	ANG	CA	LB	$\bigotimes$	STELLA IVECO	
Europe's largest	2 +	+ 1 15 GWh t		o 45 GWh	ID.1: 1st	ID.1: 1st major low cost	
<b>'</b> 27	'27	'29		28	'27	<ul> <li>✓</li> <li>✓</li> </ul>	
Rec	Recycling		Funding		Cluster		
b	GLOUD uilding culture		aicep	Cluster Portugal	Fastma	ırkets	
	Total: up to 10% of ( onsequence: Nationa	I support just keep	os growing – 20%+ o	on-market buying, 9	3%		
NNAH P	arliament vote again	st obstacles to the	sector, 3 centre pai	rties visibly support	ing		

#### Part Of The Iberian System, Great Infrastructure & Land Use To Start With

Scale	Min. 26ktpa LCE production, 28Mt resource					
Positive	Nature: 90%+ non-native managed pine tree forest & scrubland	Benny	A and a			
Land Use	<b>People:</b> No community relocation required; no housing affected <b>Region:</b> lost 2/3 pop. to emigration, deserves opportunity to thrive	Porto- Aveiro Guarda-Viseu				
	Roads: Direct road to highway (~30km), 5 ports <300km	John-	se y h			
Great Support Infrastructure	Power: 1km from grid with 75%+ renewable power	Lisboa- Extremadura	and a			
	Water: Autonomous supply, re-circulation, no effluents	Sines F				
	Disproportionate refining: 2-4 proposed lithium refineries in Portugal (<500km): Lifthium 1 (2027) progressing to FID, Lifthium 2 & AMG in analysis	test				
Part Of A Cluster	<b>Iberian automotive:</b> 21% of cars produced in the EU today; closest EV car plant is <200km, <600km to nearest proposed gigafactory	<ul> <li>Lithium reserves</li> <li>Port terminal</li> </ul>	<ul> <li>Recycling / 2nd Life</li> <li>Active materials</li> </ul>			
	30km: Iberia's largest hydroelectric facility, lots of wind & solar	Lithium mining	<ul> <li>Anode/Cath. materials</li> <li>Lithium refining</li> <li>EV production</li> <li>Cell production</li> </ul>			
	Further appetite: 10B€ in Morrocco, 2B€ from CALB in Sines, etc					

Mario Bragni: "Accelerating (...) domestic mines (...) such as Lithium in Portugal" McKinsey: "Unprecedented opportunity for Iberia (...) with Lithium reserves"<sup>2</sup>

1. EC Report, 'The Future of European Competitiveness', September 2024 2. 'The Iberian green industrial opportunity: Seizing the moment', McKinsey & Co, Jul-2024

#### SAVANNAH ENABLING EUROPE'S ENERGY TRANSITION

## **Recent News**

## Progress in multiple fronts during YTD 2025

## 01☉

### Strategic Project

status awarded the by the European Commission: Potential access to EU finance & future permitting support

## 02☉

#### **DFS Progress:**

Drilling advancing, with >8,000m drilled in current 13,000m programme. Work in all engineering& other DFS-related fronts progressing fast too



## **03**⊙

#### Grade & tonnage:

Orebody extensions & further high-grade zones. Surface exploration: **Numerous new targets** in the concession area

## 

**RECAPE:** advanced. EIA for bypass road submitted, done detailed road design **Land:** friendly compulsory acquisition & purchases executed. Easement in progress

## 05☉

#### Local engagement:

New hires from villages. New events, with ~150 participants. Site visits with >100 people. New office & house. More local providers

## **06** ⊙

#### Team expanded:

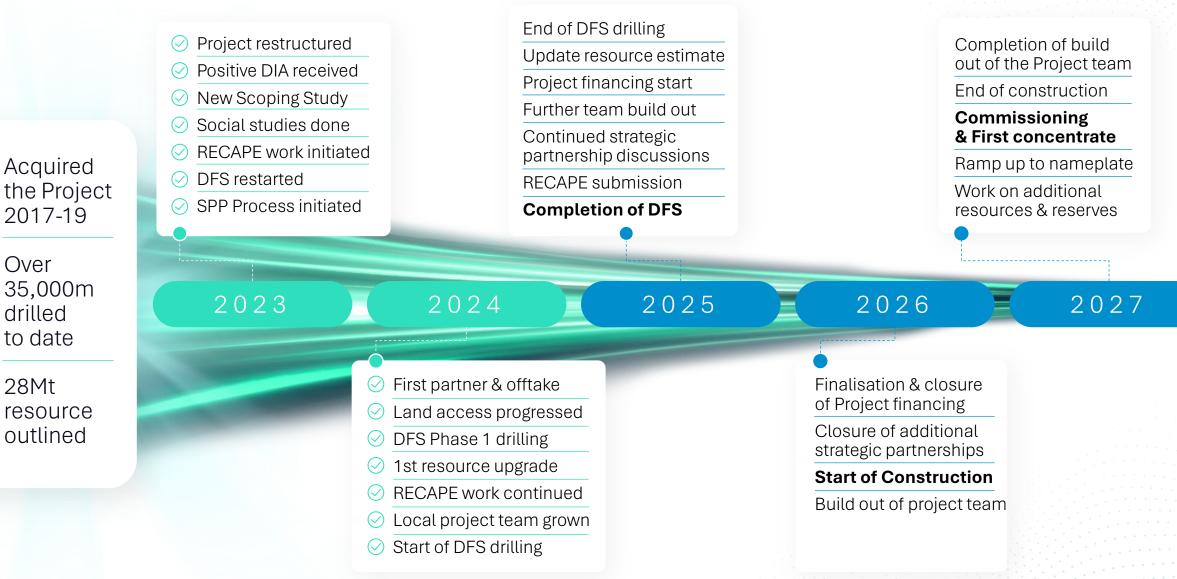
Technical, corporate and local teams expanded to support current work and future growth. Some very experienced staff added

## **07** ☉

**Portuguese support building:** Pt shareholding continues to grow beyond 20%

## Subsequent steps are all on the way: SET TO COME ONLINE IN 2027







## The medium-term outlook keeps getting stronger

Key trends to highlight after recent market turmoil<sup>1</sup>

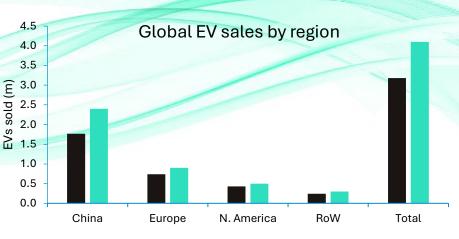
### t Robust EV sales, faster than 2024:

1Q25 +29% worldwide vs. 1Q24 at 4.1m. March growth +40% MoM

Key European markets had strong 1Q: Germany +37%, UK +42% (March surpassed 100k units), Italy +64%

- V Even North America saw 1Q growth: 0.5m,+16%. Remains a distant 3<sup>rd</sup> after China (2.4m, +36%) and EU (0.9m, +22%).
- W Battery Energy Stationary Storage (BESS): Following record global growth in 2024, capacity in top 20 countries to grow 289% until 2027
  - **V EU: European Commission acted**, with its first 47 Strategic Projects under the CRMA, restating the importance of building this value chain
  - ✓ US: Lithium exempt, like other critical minerals, from reciprocal tariffs, although tariff uncertainty remains. China-US dispute effect reduced by lithium being exempt & EV exchanges small (40% of 2024 US EV sales, c.0.6m, were imports, mostly from Mexico & Canada)
  - V Short term supply imbalance to be absorbed by demand growth until we start production, and it may widen the demand-supply gap thereon

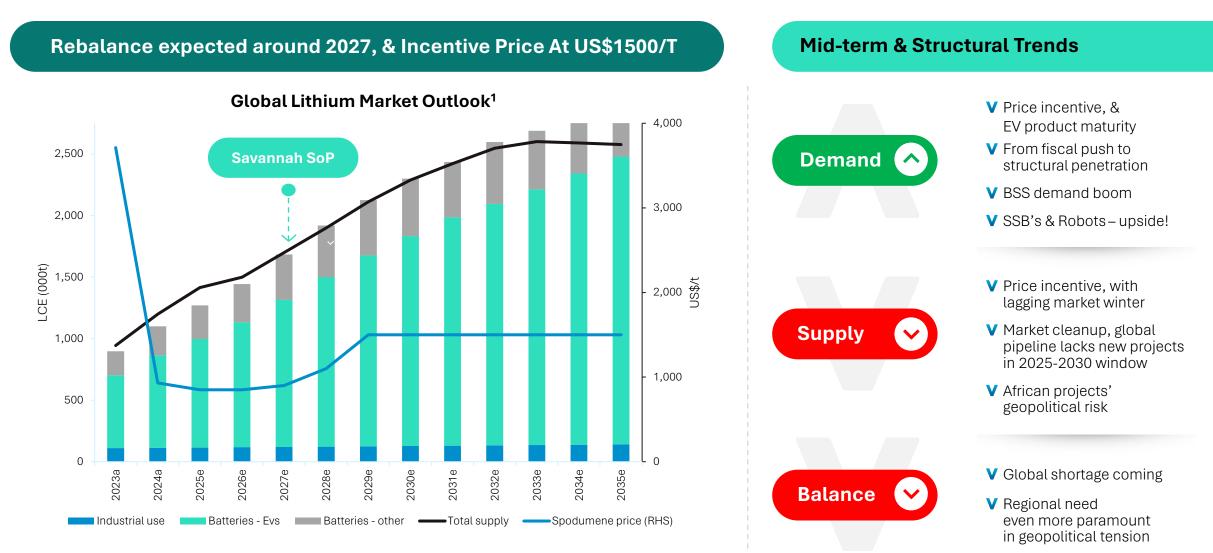




∎1Q24 ∎1Q25

## 2027 may be the best start year for a new project

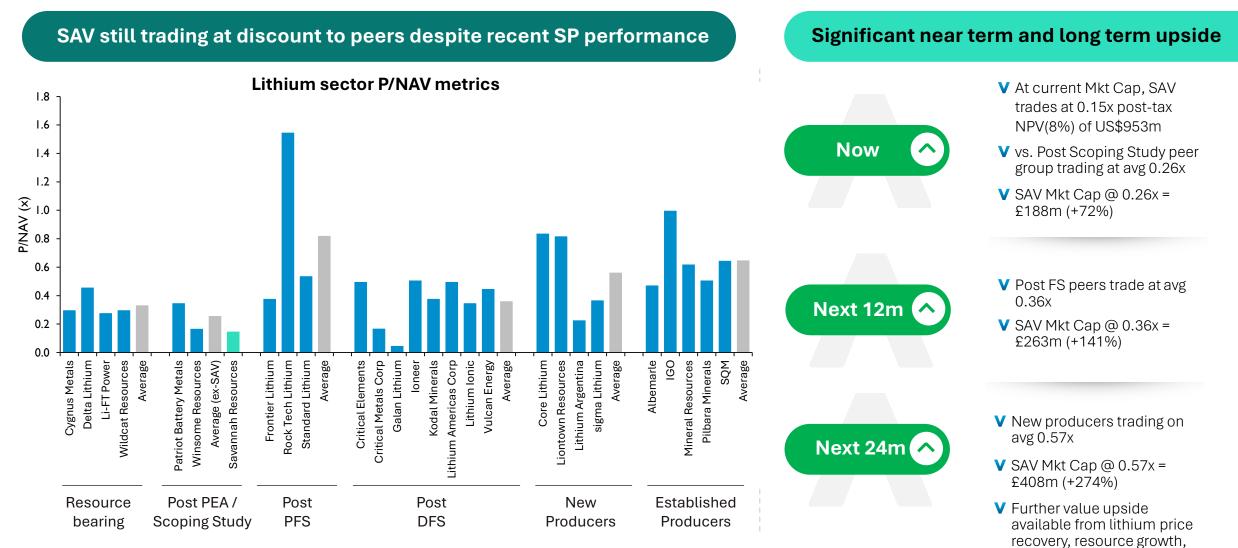




## Significant value upside remains



further partnerships



1. P/NAV (Market Capitalization/Net Asset Value) multiples based on Canaccord Genuity, 'Global Specialty Metals Comps' 14 Apr 2025; Jefferies research notes on ALB, MIN, SQM Feb & Apr 2025; company presentations on CRML; 2. Based on Mkt Cap on 26 Apr 2025 and Scoping study, 12 June 2023



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 $\times$ 

## **Key Team** FOR PROJECT

## **DELIVERY IS BEING SET UP**

## **Board Members**



### Rick Anthon 🖤

Chair 30+ yrs as an Exec & Lawyer. 10 yrs in Lithium with Orocobre /Allkem from IPO to 2023 US\$11Bn merger with Livent



 $\times$ 

20+ years in mining finance, holding executive and NED positions in the industry



#### Diogo da Silveira 🛞 🌔 **Deputy Chair**

20 years in top CEO roles in Portugal/Europe, Seasoned NED & former McKinsey Partner



#### Mohammed Sulaiman 🛑 NED

20+ yrs in Strategy & Investment Mgt; served on multiple public & private boards. SAV Audit & Risk Com. Chair



#### Emanuel Proença 🥘 CEO 10 years in CEO

and senior leadership roles in Portugal, incl. in alternative fuels & mobility



#### Mike Connor 틒 NED

Chief Corp. Dev. Officer & Board member at AMG. 20+ years in finance, Corp. Dev & Strategy



AMG



Geologist. 25 years in a range of commodities, incl. Li, mineral sands, precious & base metals



 $\times$ 

 $\times$ 

 $\times$ 



## FOR PROJECT DELIVERY IS BEING SET UP

### Key Staff to Deliver the Project





Savannah Team >35 members

- > 75% full based in PT
- > 41% located in Boticas
- > 180 years of accumulated experience in mining, geology and lithium from the core team



## Henrique Freire Ø

10 years as CFO in a listed company plus 13-year background in M&A, with a strong international experience



 $\times$ 

## Michael McGarty

30 years of international governance, compliance and financial management experience



Boris Daza 🖤 🖵 Development Manager 18 years experience in mining and development of green and brownfield mining projects



Brad Patrick Engineering & DFS 20+ years in lithium Mining engineering and studies



X

Thomas Gaultier O D Community Relations Manager 14 years in Negotiation, Facilitation and Mediation

and Latin America



#### Michael Tamlin Offtake & Commercial Lithium industry expert with 30+ years in executive roles

Egídio Ribeiro Project Finance c.18 years in project financing leading projects through Europe



John Morris Pereira Exploration Manager 25+ years in Geology, leading teams & drill campaigns in various geographies



## Summary

AN INVESTMENT OPPORTUNITY WITH MULTIPLE POSITIVE DRIVERS



## SA ANNAH ENABLING EUROPE'S ENERGY TRANSITION

## Investment Opportunity



### Follow the Trend

Large stakes acquired by AMG & key PT investors. Strong news flow ahead, as we deliver



#### Value opportunity today

Positioned for market recovery; Peers saw 2000% uplift in last price cycle. Competitive in global scene



#### Get in now for growth

EV & BSS revolution accelerating fast, tightening market & SAV delivery ahead, Strategic project

#### No genuine competitor

Spodumene, conventional, ready to start, EU, scalable, exploration upside, fully ESG compliant



#### AMG partnership

Europe's best together: Equity, lithium offtake, Project finance. Plans for further refining



#### Jurisdiction

Portugal, EU member state, stringent regulations & rule of law. Growing in-country value chain

## THANKYOU SAANNAH ENABLING EUROPE'S ENERGY TRANSITION

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