

#### ASX Announcement

#### **ASX BGS**

27 May 2019

#### BIRIMIAN ANNUAL GENERAL MEETING PRESENTATION AND INVESTOR MEETINGS IN SYDNEY AND MELBOURNE

Birimian Limited (ASX:BGS, Birimian or the Company) is pleased to release the Managing Director's presentation to the Annual General Meeting (AGM) held in Perth on 27 May 2019.

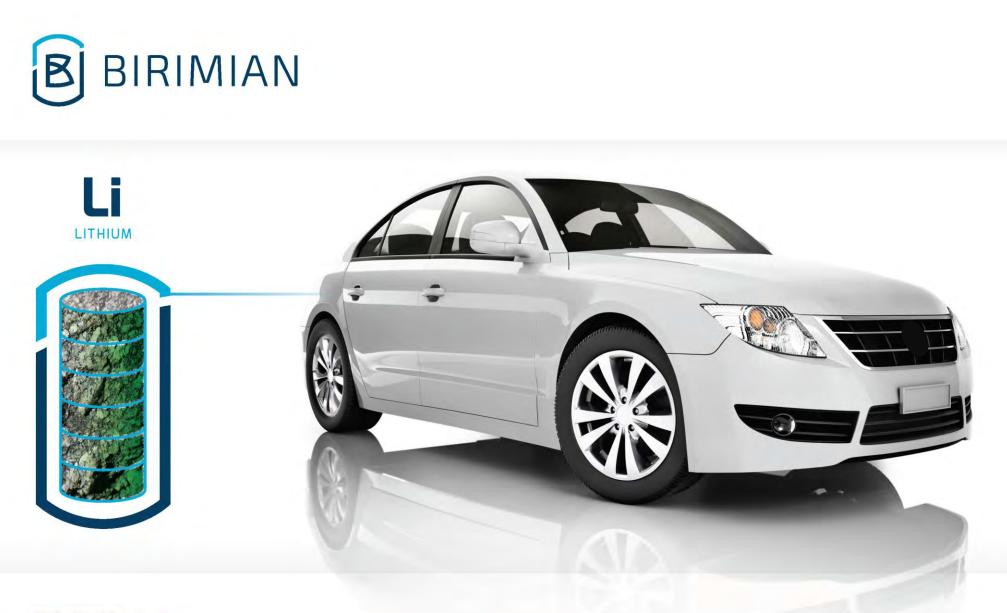
To facilitate increased engagement with shareholders, potential investors and other stakeholders, the Company would like to advise that there will be a corporate presentation by the Managing Director, updating shareholders on the progress of the Company, in Sydney and Melbourne on 29<sup>th</sup> and 30<sup>th</sup> May respectively. All shareholders and interested investors are welcome to attend.

Details are:

**Sydney – 29 May 2019** 5 – 6pm Peloton Capital – Level 8/2 Bligh Street Sydney NSW

Melbourne – 30 May 2019 12.30 – 1.30pm AICD Offices Optus Centre, Level 26 367 Collins Street Melbourne

Chris Evans Managing Director Birimian Limited





AGM Presentation 27 May 2019

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#### **Forward Looking Statements**

This presentation contains "forward-looking information" that is based on the Company's expectations, estimates and projections as of the date on which the statements were made. This forward-looking information includes, among other things, statements with respect to the pre-feasibility and any feasibility studies, the Company's business strategy, plan, development, objectives, performance, outlook, growth, cash flow, projections, targets and expectations, mineral resources, results of exploration and relations expenses. Generally, this forward-looking information can be identified by the use of forward-looking terminology such as 'outlook', 'anticipate', 'project', 'target', 'likely',' belivee', 'estimate', 'expect', 'intend', 'may', 'would', 'could', 'scheduled', 'will', 'plan', 'forecast', 'evolve' and similar expressions. Persons reading this presentation are cautioned that such statements are only predictions, and that the Company's actual future results or performance may be materially different. Forward-looking information. Forward-looking information is developed based on assumptions about such risks, uncertainties and other factors, including but not limited to general business, economic, competitive, political and social uncertainties; the actual results of current exploration activities; conclusions of economic evaluations; competitive as plans continue to be refined; future prices of lithium and other metals; possible variations of ore grade or recovery rates; failure of plant, equipment or processes to operate as anticipated; accident, labour disputes and other factors should be considered carefully and readers should not place undue reliance on such forward-looking information. Past performance and no representation or warranty is made as to the likelihood of achievement or reasonableness of any forward looking statements or other wise, unless frequined to do so by law. Statements regarding plans with respect to the Company's mineral properties may contain forward-looking information. Past perform

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#### **Previously Reported Information**

This presentation refers to the following information previously announced to the ASX, which is available to view on the Company's website at www.birimian.com: Mineral Resources in the announcement entitled "18.06.19 Danaya Mineral Resource Upgrade" (ASX: BGS 29 June 2018). Ore Reserves in the announcement entitled "High Grade Maiden Ore Reserve for Goulamina" (ASX: BGS 4 July 2018). Proof of concept study results from "Proof of Concept Study Results" (ASX: BGS 3 December 2018). LOI with Changsha/Minmetals from "Letter of Intent Signed with Changsha" (ASX: BGS 10 December 2018). MOU with General Lithium from "General Lithium Corporation". (ASX: BGS 11 December 2018). Placement outcomes (See ASX:BGS Announcement 3 January 2019 "Placement Completion") ASX Announcement "Birimian Appoints new Managing Director" (ASX: BGS 24 January 2019) Environmental Approval Received – Goulamina lithium Project (See ASX:BGS 7 March 2019. The Company confirms that it is not aware of any other new information or data that materially affects the information included in the original market announcements. There is information in this presentation relating to the outcomes of the Goulamina updated Pre-feasibility Study announced to the ASX on 4 July 2018 in the release entitled 'Goulamina Updated PFS Delivers Strong Project Outcomes", which is available on the Company's website at www.birimian.com. The Company confirms that all the material assumptions underpinning the Production Target and the forecast financial information derived from the original announcement continue to apply and have not materially changed.

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### **Board and Management**

BOARD			
Chris Evans	Dr Alistair Cowden	Mark Hepburn	Brendan Borg
Managing Director	Chairman	Executive Director	Non-Executive Director
<b>Builder of</b> the Pilgangoora Lithium Mine and Processing Plant as COO of Altura Mining	<b>35</b> years as a mining executive, director and geologist in the mining industry in Australia, Africa, Asia and Europe	+28 years finance industry experience in stockbroking, corporate funding and business management	<b>+20 years</b> experience as a consultant geologist specialising in the "battery materials" sector including lithium, graphite and cobalt mineralisation
Noel O'Brien	MANAGEMENT	Eric Hughes	Anand Sheth
Non-Executive Director	Project Director - Goulamina	CFO and Company Secretary	Strategic Marketing Adviser
+30 years experience in resource-focused listed companies and management.	<b>25 years</b> experience in project development and construction, with the last 15 years focused on mining projects.	+20 years experience in senior finance executive roles with ASX-listed resource companies.	<b>+20 years</b> experience in lithium sales and marketing. Previously consulted to Pilbara Minerals, Galaxy Resources and Talison's Greenbushes Li project.

### **Corporate Structure**

ASX Code	BGS
Shares on Issue	264.5M
Unlisted Options	9.5M
Share Price	A\$0.165
Market Cap	A\$43M
Cash (March 31, 2019)	A\$4.13M
Net Assets (December 30 2019)	A\$25.74M
Major Project	

• Goulamina Lithium Project

#### **Minor Projects**

- Massigui Gold Project
- Dankassa Gold Project





# **Morila Gold Royalty**

Royalty payments totalling US\$714,298 (A\$990,081) were received during the March 2019 Quarter from the sale of gold produced from the N'tiola Area of Interest at the Morila Gold Mine operated by Randgold Resources

Birimian receives quarterly payments from Morila during mining at N'tiola and Viper

Morila is paying Birimian a sliding scale Net Smelter Return royalty of 4% when the gold price is  $\geq$ \$1,200/oz and 3% when the gold price is \$1,100/oz to \$1,199/oz





**Goulamina Lithium Project** A globally significant lithium asset



NPV<sub>10</sub> Forecast, Mine Life Forecast and Operating Cost Forecast from announcement "Goulamina Updated PFS Delivers Strong Project Outcomes" (ASX : BGS 4 July 2018).
Ore Reserves from announcement entitled "High Grade Maiden Ore Reserve for Goulamina" (ASX : BGS 4 July 2018).
Mineral Resources from the announcement entitled "18.06.29 Danaya Mineral Resource Upgrade" (ASX : BGS 29 June 2018).
The Company is not aware of any new information or data that materially affects the information included in the relevant announcement and that all material assumptions and technical parameters underpinning the estimates on the relevant market announcement continue to apply and have not materially changed Currency conversion used A\$1.00 = US\$0.75.

BIRIMIAN parameters underpinning the esti Currency conversion used A\$1.00

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# **Goulamina Highlights**

New board and management optimising project

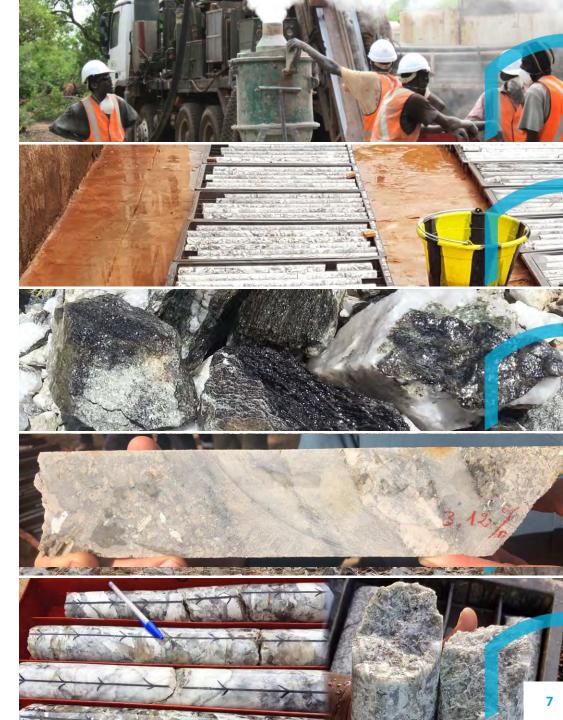
Expandable 16 year mine life of 362,000 tpa 6% Li<sub>2</sub>O concentrate

Environmental Permit Approved - Exploitation Permit Lodged

Advanced discussions for funding, off-take and EPC

Stable and mature mining jurisdiction in Mali





#### **Resources and Reserves**

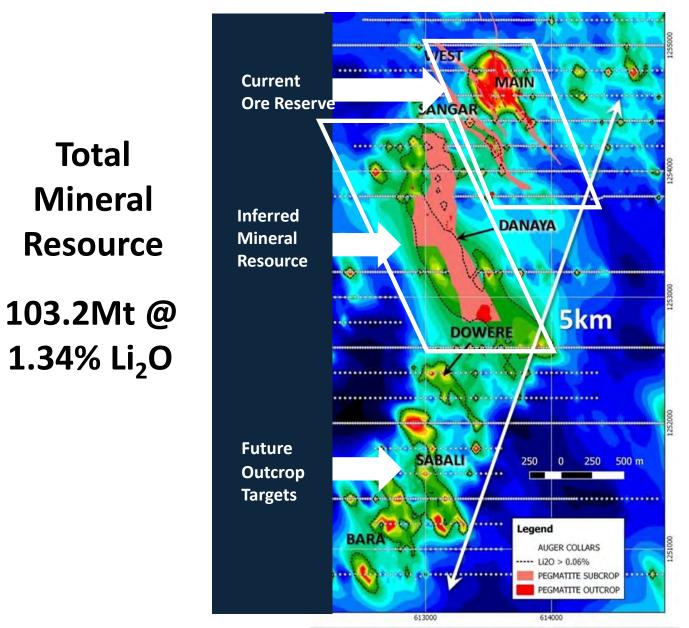
Li<sub>2</sub>O Probable Ore Reserve 31.2Mt @ 1.56%

Li<sub>2</sub>O Indicated Mineral Resource 43.7Mt @ 1.48%

Li<sub>2</sub>O Inferred Mineral Resource 59.5Mt @ 1.21%

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Ore Reserves from announcement entitled "High Grade Maiden Ore Reserve for Goulamina" (ASX : BGS 4 July 2018).

Mineral Resources from the announcement entitled "18.06.29 Danaya Mineral Resource Upgrade" (ASX : BGS 29 June 2018).

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**Total** 

# **Optimisation – Resources, Recovery & Infrastructure**

Capital Expenditure	\$US
Process Plant	73.2
Camp, Power, Water, Tailings and Earthworks	44.3
Engineering	17.3
Other Site Expenses	12.0
Total Capex (less contingency and pre-production)	146.8
Contingency 23%	33.5
Pre-production Costs	19.1
TOTAL CAPEX	199.3

New Board and Management Optimisation Strategy

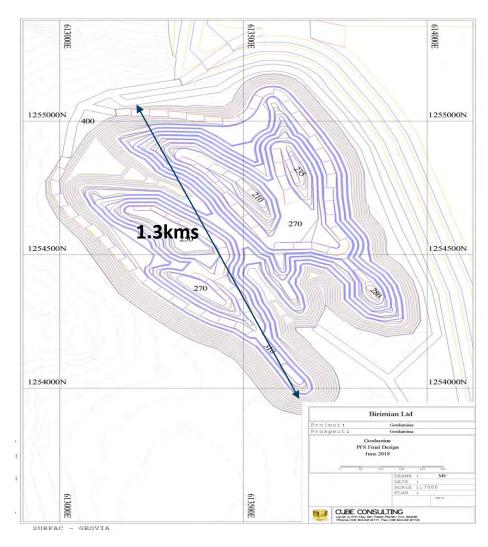
- Increase confidence in Mineral Resource and Ore Reserves
- Improve process plant recovery and product quality
- Transport infrastructure optimisation
- Water and Power source optimisation



Capital Expenditure Forecast from "Goulamina Updated PFS Delivers Strong Project Outcomes" (ASX : BGS 4 July 2018) The Company is not aware of any new information or data that materially affects the information included in the relevant announcement and that all material assumptions and technical parameters underpinning the estimates on the relevant market announcement continue to apply and have not materially changed

## **PFS Production Profile and Open Pit Mine Design**

Total Ore Reserve	31.2Mt
Average LOM head grade	1.56% Li2O
Initial mine operating life	16 Years
Annual Processing capacity	2Mtpa
Average Annual Production 6% Spodumene Concentrate	362,000 tpa
LOM metallurgical recovery (avg.)	70.4%
Waste to ore ratio (avg. LOM)	3.5:1
Maximum Depth Mined	190m
Life of Mine Annual Average EBITDA	\$US128M p/a

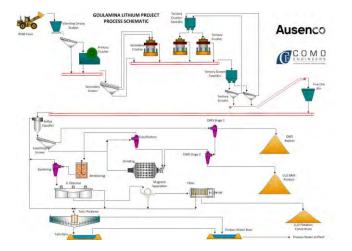




Annual Production and Mine Life Forecast and proposed pit design from announcement "Goulamina Updated PFS Delivers Strong Project Outcomes" (ASX : BGS 4 July 2018). Ore Reserves from announcement entitled "High Grade Maiden Ore Reserve for Goulamina" (ASX : BGS 4 July 2018).

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## **Conventional Processing Plant**



#### **Confirmation of Battery Grade Concentrate**

Birimian has received proof of concept confirmation that the 6% spodumene concentrate that will be produced from the Goulamina Project can be converted to battery grade 99.5% lithium carbonate (99.5% Li<sub>2</sub>CO<sub>3</sub>)

Sample coarse DMS product

#### Sample fine flotation product





Brook Hunt Cash Costs: Real	
C1 Cost	\$US/t Concentrate
Mining	109
Processing	72
Sales, General and Administration	13
Road Transport and Port Handling	87
C1 Cost Total	281
All In Sustaining Cost	319

Average Price Received Assumption	Av. Long Term
Spodumene Price - 6.0% Li <sub>2</sub> 0 \$US/t FOB Abidjan	\$US 684/t

Forecast AISC and Price Received Assumptions from "Goulamina Updated PFS Delivers Strong Project Outcomes" (ASX : BGS 4 July 2018)

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# Established Roads and Port Infrastructure

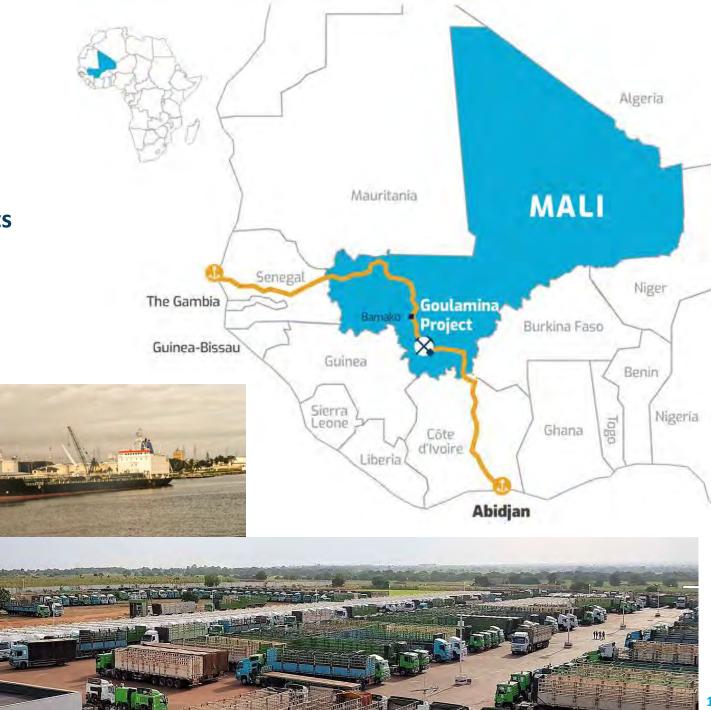
#### Heavy haulage capable road network to ports

Sealed road network facilitates bulk transport to Ports of Abidjan (1,000km) or Dakar (1,600km)

Access to under-utilised bulk loading facilities at both Ports. Undercover storage facility at Port of Abidjan

Birimian will bulk transport 362,000 tpa of spodumene concentrate by road to port

Perkoa zinc mine in Burkina Faso trucks concentrate a similar distance to Abidjan

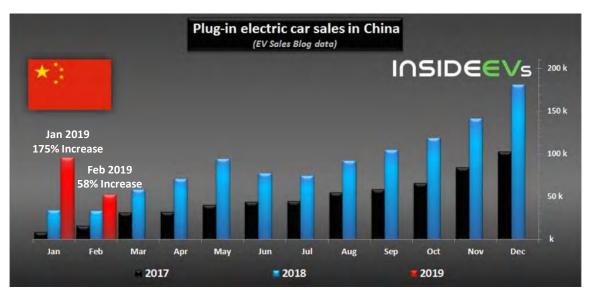


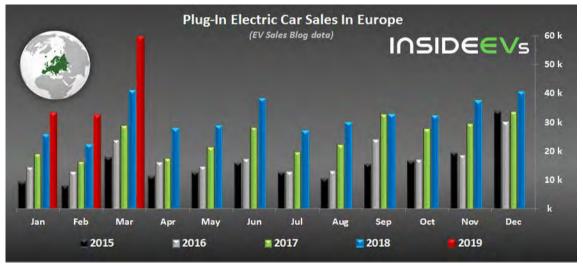
# Forecast growth in Lithium Carbonate Equivalent demand - underestimated?

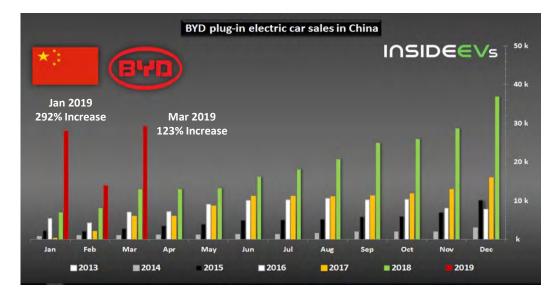




#### **Electric Vehicle Sales Growing at Incredible Rates**







China EV monthly unit sales increased year-on-year by 175% in January despite lower government incentives

China's largest car manufacturer BYD (Warren Buffet is a large shareholder) increased monthly unit sales year-over-year by 292% in January 2019 and 123% in March of 2019

European EV sales increased by 38% for the March 2019 quarter – Plug-in sales increased by 67%

Source: insideEVs.com

### **Goulamina Project Timeline**







Project

second half of 2020

management focused on optimisation and delivery of **Goulamina Lithium** Project

value proposition for Mali Lithium shareholders

Africa's first major spodumene lithium project

High grade product, low cost - long life mine, mature regulatory regime, close to major markets, increasing demand for lithium



### **Thank You**

# BIRIMIAN

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