## AUSTRALIAN BATTERY GRAPHITE FROM MINE TO MARKET

IG6

Investor Presentation April 2022



#### **DISCLAIMER**

#### Forward Looking Statements

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#### **Competent Persons Statement**

The information in this announcement which relates to exploration targets, exploration results or mineral resources is based on information compiled by Mr. Peter Langworthy. Mr. Langworthy has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' (the JORC Code). Mr. Langworthy is Managing Director and Principal Consultant of OMNI GeoX Pty Ltd. Mr. Langworthy consents to the inclusion of the information in this announcement in the form and context in which it appears.

The Competent Person confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The form and context in which the Competent Person's findings are presented have not been materially modified from the original market

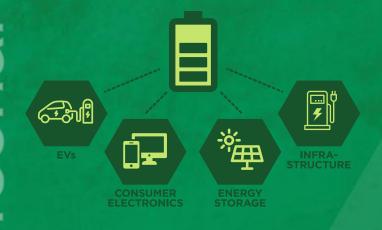
#### Acknowledgement of Country

International Graphite acknowledges the Traditional Owners of Country throughout Australia, particularly the Whadjuk, Willman, and Wudjari Peoples of the Noongar Nation, and recognises their continuing connection to lands, waters and communities. We pay our respects to Aboriginal and Torres Strait Islander cultures and to Elders past and present.



## International Graphite Our future is electric





International Graphite is on track to be Western Australia's first fully integrated mine-to-market graphite producer – a new employer and an intended future supplier of a critical commodity to the massively growing global battery minerals market



- Western Australia's first vertically integrated graphite company 'mine to market'
- Acquisition of the Springdale Graphite
   Project existing mineral resource with significant exploration potential
- R&D graphite micronising and spheroidising plant in Collie
- Downstream graphite concentrate processing facilities to be developed in Collie
  - Targeting battery anode graphite products for the expanding EV and industrial energy storage markets



## International Graphite Capital structure

Shares on issue at IPO	165,158,330
ASX Ticker	IG6
IPO price per share	\$0.20
Market capitalisation on listing	\$33,031,666
Major Shareholders	
Comet Resources Limited (ASX: CRL)	24%
Directors and management	19% (fully diluted)
Free float	49%
KMP Options (5 year term, ex price \$0.30-\$0.40/share)	8,000,000
Advisor Options (3 year term, ex price \$0.30/share)	6,250,000
Gross proceeds from the IPO	\$10,000,000

## Proven leadership team

Decades of graphite and resource industry experience

Matthew O'Kane (BEcon & Fin, MBA, CPA) Proposed Non-Executive Director

Senior mining executive and company director with international experience in commodities and automotive sectors. Phillip Hearse (MBA,BASc) Executive Chairman

Respected minerals industry leader and recognised graphite expert with an outstanding career over 45 years.

David Pass

Non-Executive Director

Leading metallurgist and processing engineer specialising in primary and downstream graphite processing. Andrew Worland
(BCom, FGIA)
Non-Executive Director

Experienced mining industry CEO and Company Director specialising in finance, operations and governance.



IG6 Springdale and Collie projects are located in the heart of WA's emerging world class battery hub

- Graphite has 'critical mineral'

  status in Australia
- \$2M government grant from the Collie Futures Industry Development
   Fund

**01.** FBICRC (Perth)

**02.** Tianqi/IGO (Kwinana)

**03.** Nickel West (Kwinana)

**04.** EcoGraF (Kwinana)

**05.** Albermale (Kemerton)

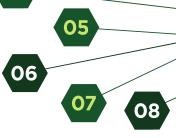
**06. INTERNATIONAL GRAPHITE** (Collie)

**07.** Greenbushes

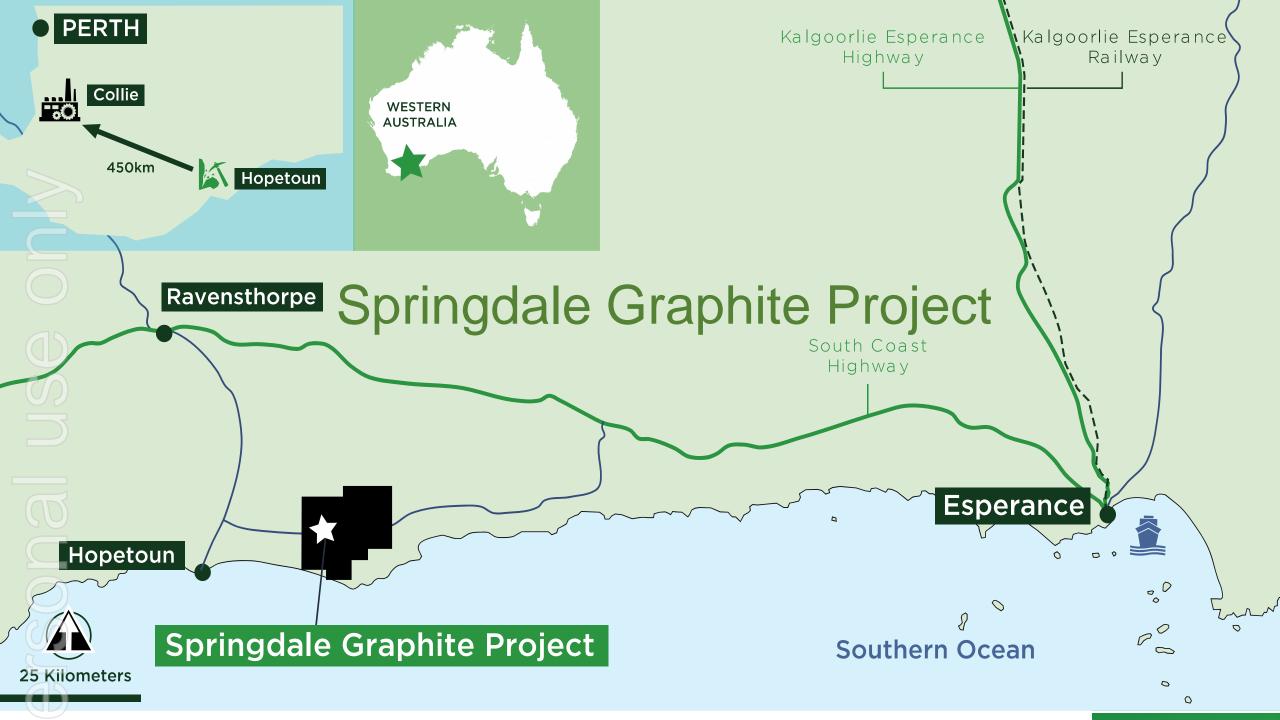
**08. INTERNATIONAL GRAPHITE** (Springdale)

Plus multiple other spodumene mines and concentrators





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## Springdale Graphite Project

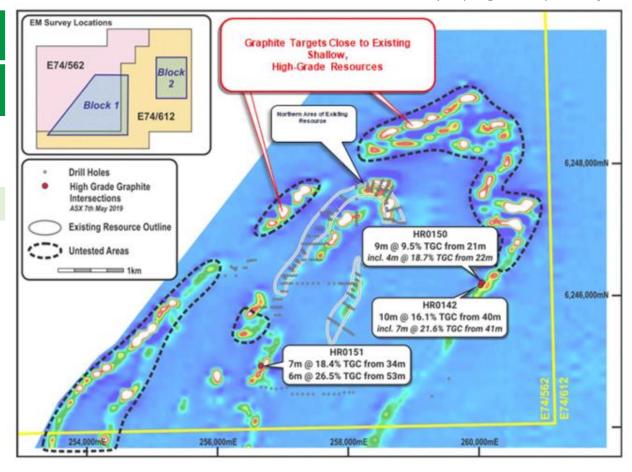
Mineral Resource Estimate and Exploration

Springdale Graphite Project 1
Inferred Mineral Resource Estimate – 2% TGC cut-off JORC 2012

Domain	Tonnes (Mt)	Density (t/m³)	Graphite (TGC%)
High grade	2.6	2.1	17.5
Low grade	13.0	2.2	3.7
Total Resource	15.6	2.2	6.0



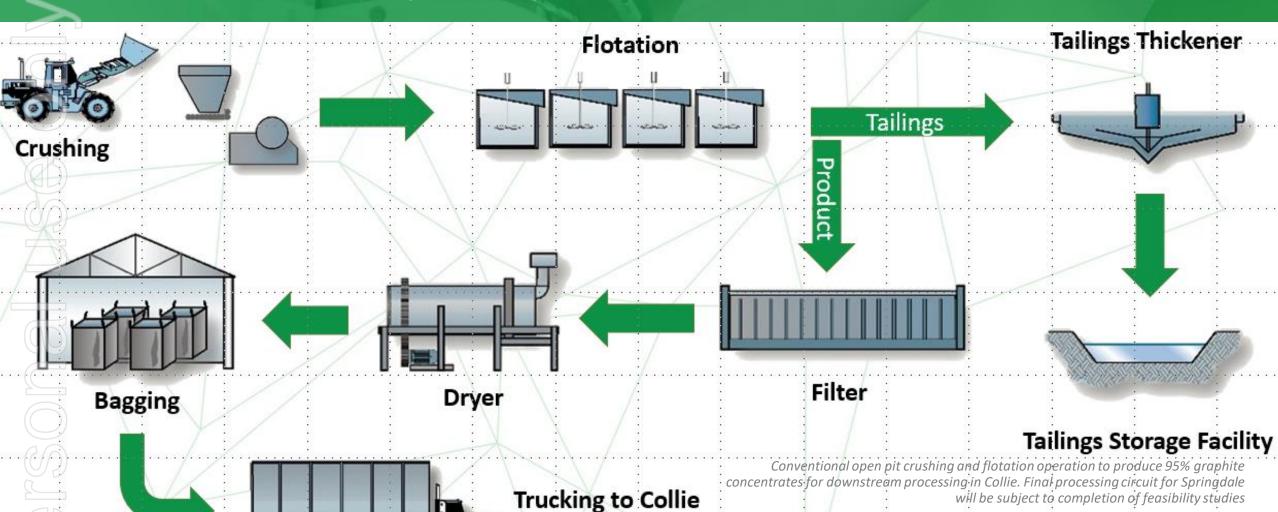
VTEM survey – Springdale Graphite Project



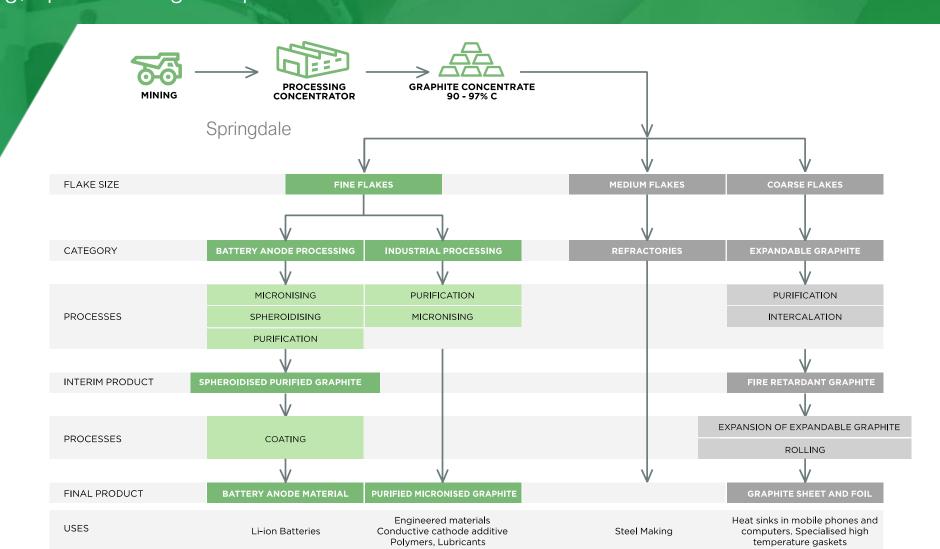
1. Refer to prospectus dated 21 February 2022 for further details including the Independent Technical Assessment Report and component persons statement

## Springdale Graphite Project

Simplified proposed processing block diagram







## IG6 Work program

#### Springdale Graphite Project







- Exploration targeting of highly prospective areas identified by VTEM
- Conversion of resource from inferred to indicated status and expansion of resource
- Metallurgical testwork for concentrate production
- Downstream testwork for battery anode production
- Feasibility studies and permitting

- Commissioning of existing micronising and spheroidising pilot plant
- Product qualification
- Expansion of pilot facilities
- Installation, commissioning and operation of first graphite micronising production line
- Research and development of thermal and non-HF graphite purification processes
- Feasibility studies for commercial scale operations optimised for Springdale graphite concentrates

## Indicative development timetable

#### **SPRINGDALE**

Drilling: 2022

Feasibility study: 2022-23

Permitting and approvals: 2022 - 2023

Investment decision :late 2023 / early 2024

Operations: 2024 (commencement of construction)

#### **COLLIE**

Battery Materials piloting: 2022

Product certification: 2022/2023

Expanded pilot facility: 2022 (imported feedstock until Springdale online)

Production facilities: 2023-24

#### **INTEGRATED WA OPERATION**

From **2024** 

## Tomorrow's battery industry demands high ESG standards

IG6 assuring investors, customers and stakeholders, the benefits of a secure, sovereign jurisdiction with the highest environmental, OH&S and governance standards across the supply chain

Complete control over supply chain in Western Australia from mine to customer

Highly supportive Government and community

Developing jobs and opportunities in regional Western Australia

Strict environmental management

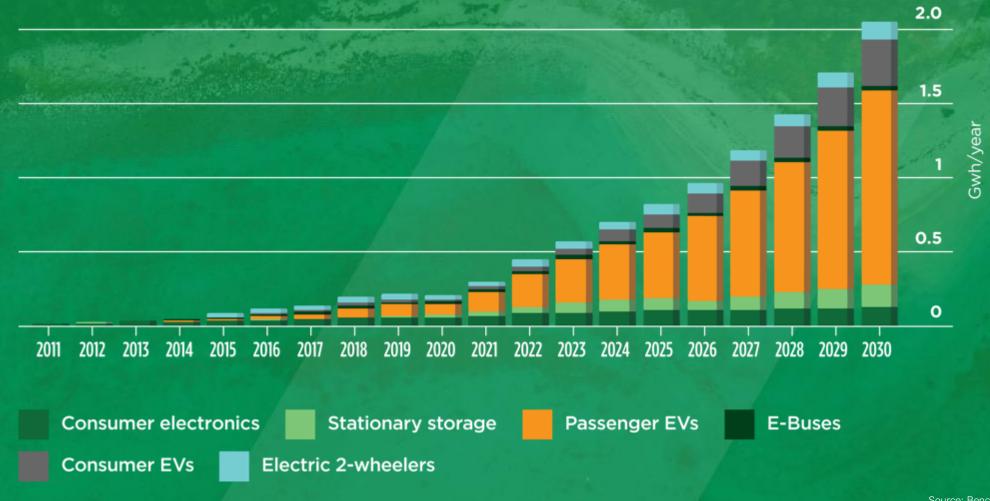
Working toward low carbon emissions

Adopting pro-active ESG reporting



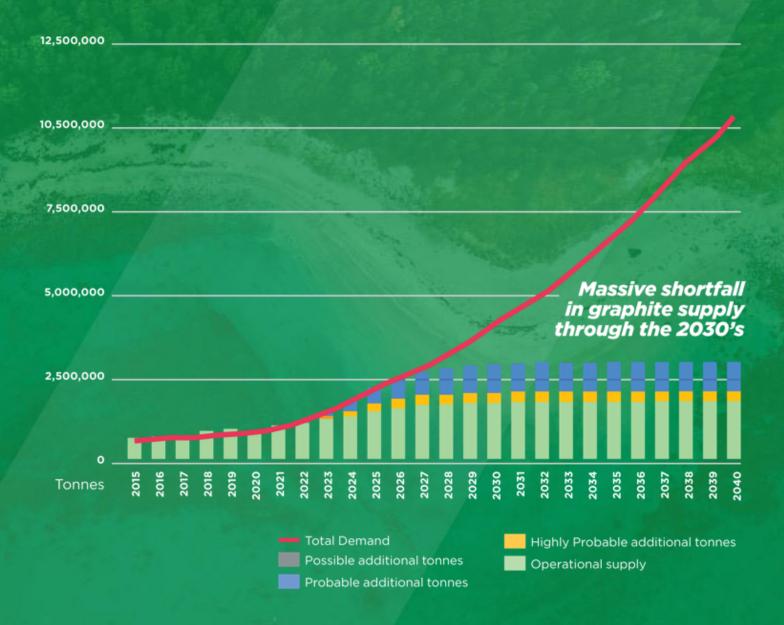
## Soaring need for batteries

30% year-on-year growth worldwide led by Li-ion batteries in EVs - McKinsey



# Graphite shortage dooming

Existing operational supply and potential supply can not meet implied demand



## Europe - IG6 focus

Explosive growth in the European battery industry

Projected annual value of the battery market €250 billion from 2025

<u>Member</u>

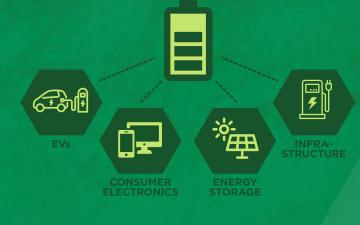
EUROPEAN BATTERY ALLIANCE EBA250

RAW MATERIALS ALLIANCE ERMA



## International Graphite Our future is electric





### Contact

#### INTERNATIONAL GRAPHITE LIMITED

Phil Hearse
Executive Chairman
+61 438 838 600
phil.hearse@internationalgraphite.com.au

Head Office
Level 1, 333 Charles Street North Perth
Western Australia 6006

info@internationalgraphite.com.au www.internationalgraphite.technology

#### **PAMPLONA CAPITAL**

Brent Coxon +61 434 144 188 brent@pamplonagroup.com.au

#### **PELOTON CAPITAL**

Alan McDonald +61 414 393 939 alan.mcdonald@pelotoncapital.com.au



