AUSTRALIAN GRAPHITE

FROM WESTERN AUSTRALIA TO GLOBAL BATTERY MARKETS

Now is the time to invest!



IMARC Presentation

October 2024

INTERNATIONAL GRAPHITE

(ASX:IG6)

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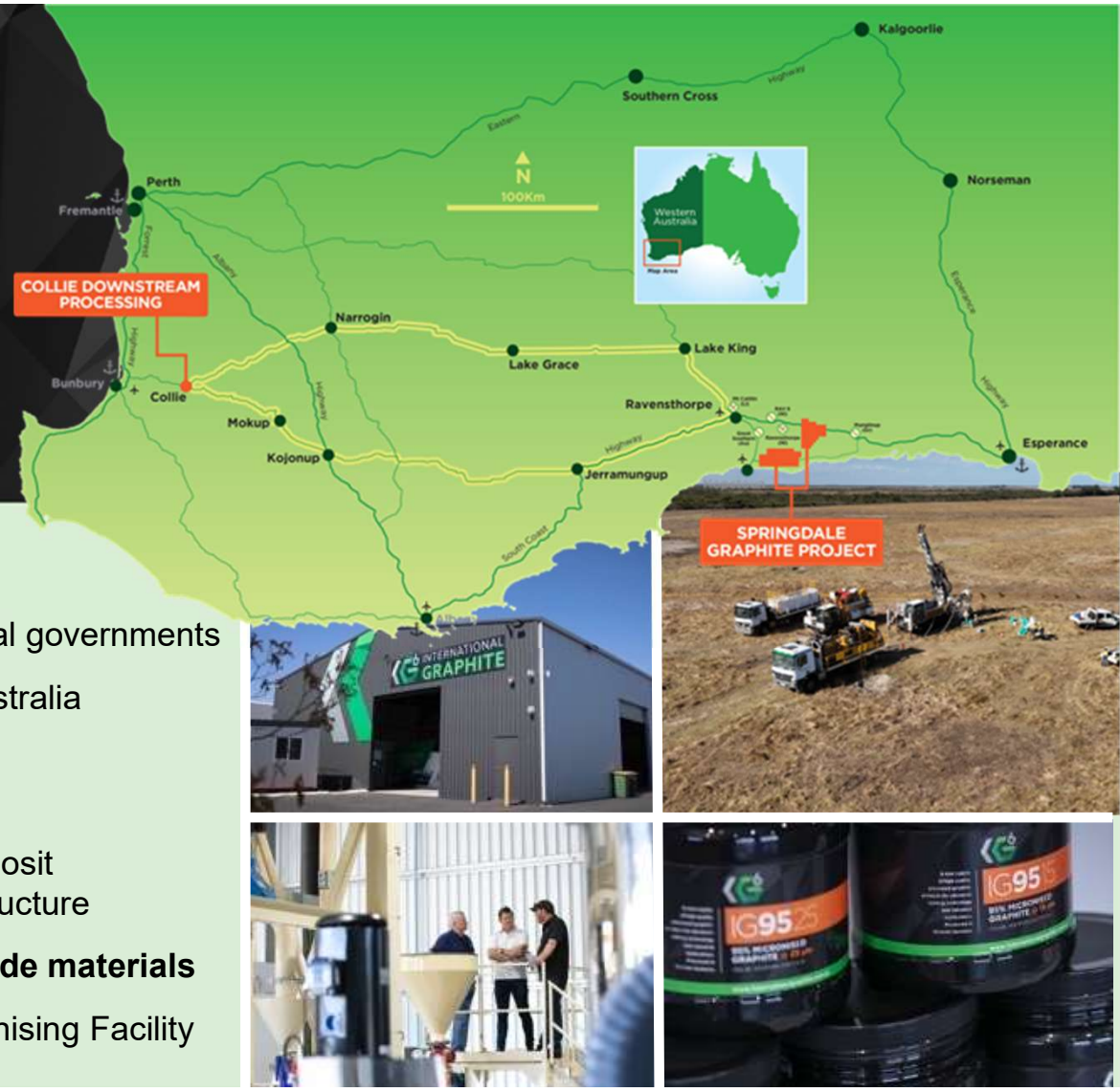
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Now is the time to invest in graphite

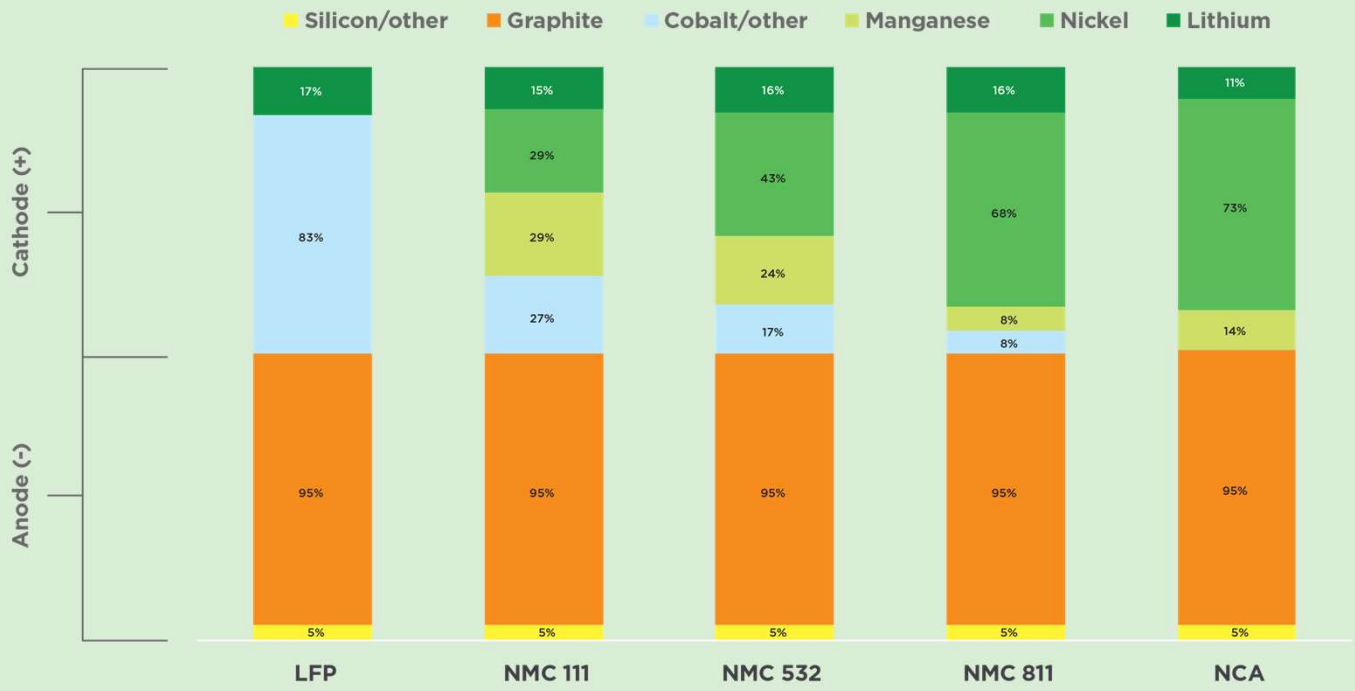


- **Valuations** across the sector are low
- **Critical minerals thematic** is strong – supported by global governments
- **Location** of assets critical to supply chains – Western Australia a premium location
- **Limited ASX / TSX** investment opportunities
- **Springdale Graphite Project** is a significant graphite deposit with first class attributes – scale, grade, low costs, infrastructure
- Ideally suited for **battery supply chains and battery anode materials**
- Plan for **market entry in 12 months** through Collie Micronising Facility

Graphite is critical for battery technologies

Batteries are the key growth sector for graphite

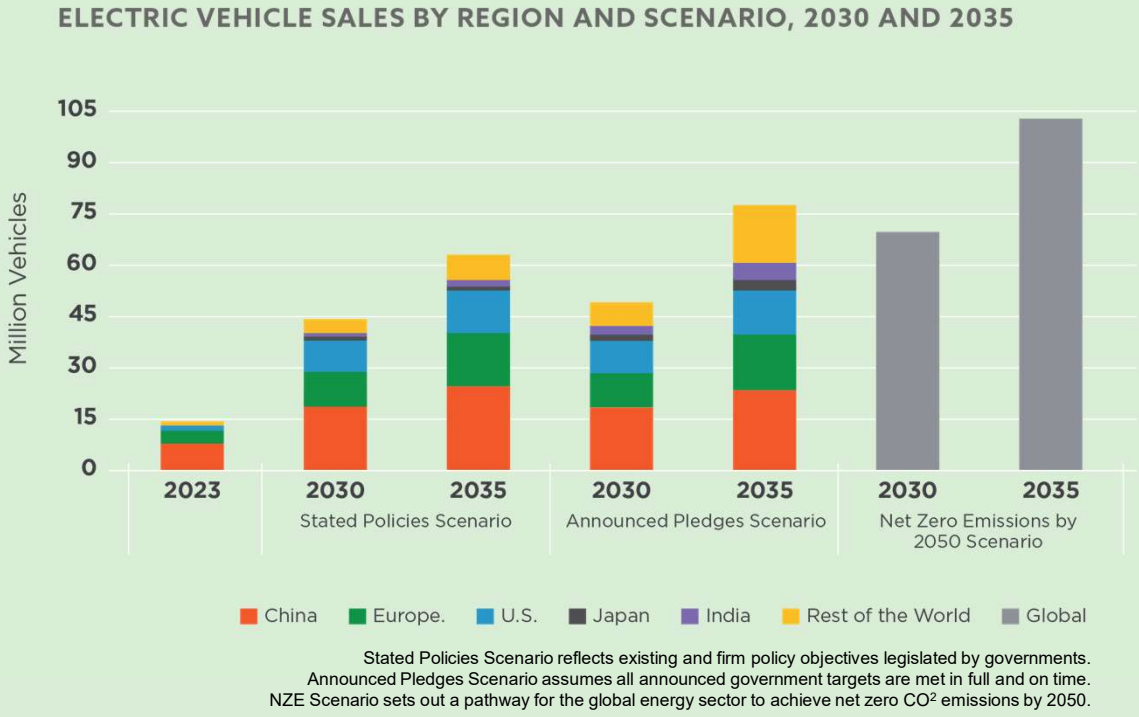
- Graphite makes up 90% of the anode material in lithium-ion batteries
- **It takes 7-10 times more graphite than lithium to make a lithium-ion battery**
- Batteries use more graphite by volume than any other commodity - regardless of battery chemistry



Global EV sales continue to match forecasts

Electric vehicle demand is the primary driver for lithium-ion batteries

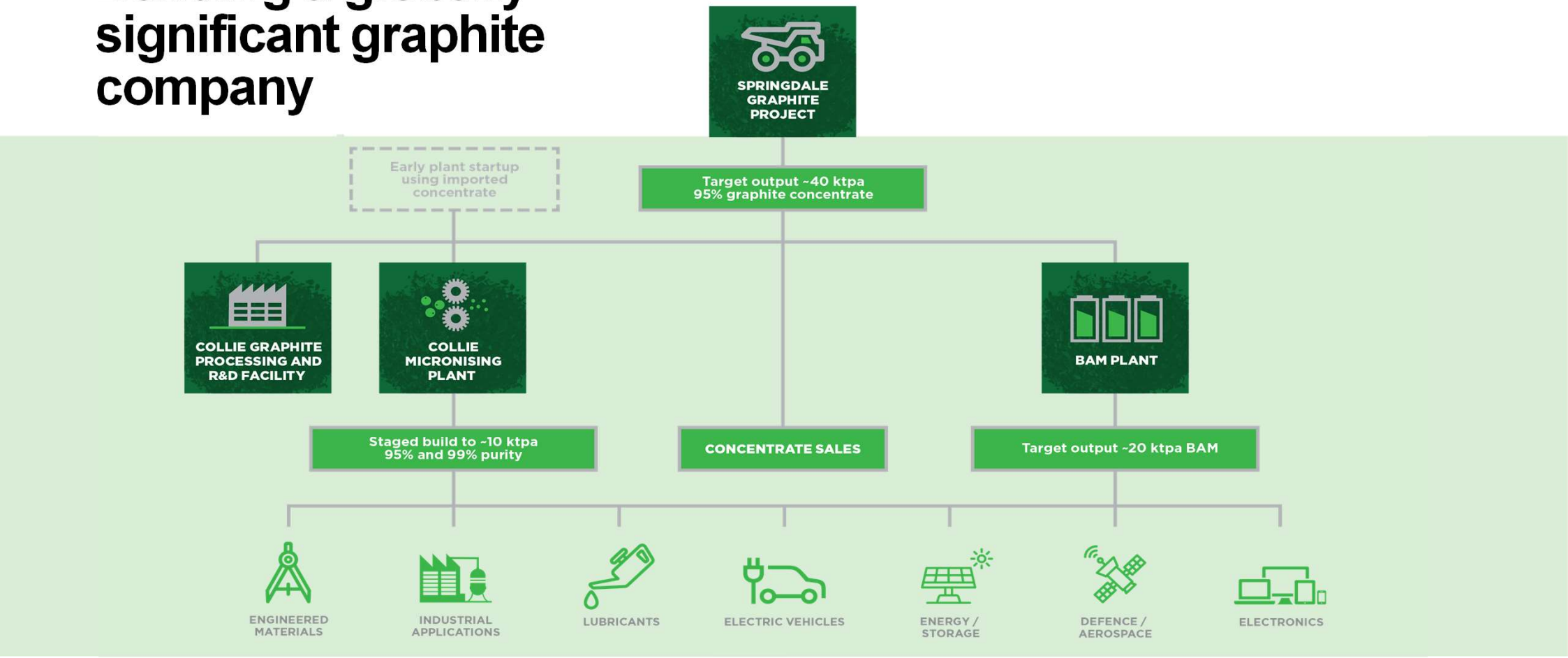
- **2023:** Global electric car sales 3.5 million higher than in 2022 - 35% year-on-year increase
- **2023:** EV sales in the US reached ~1.4 million – more than 40% increase on 2022
- **2023:** New EV registrations in Europe reached ~3.2 million – up ~20% on 2022
- **2023:** One in five new registrations in **Europe** (3.2M) and one in ten in the **US** (1.4M) – representing 20% and 40% year-on-year growth



Stated Policies Scenario reflects existing and firm policy objectives legislated by governments.
Announced Pledges Scenario assumes all announced government targets are met in full and on time.
NZE Scenario sets out a pathway for the global energy sector to achieve net zero CO^2 emissions by 2050.

SOURCE: International Energy Agency Global EV Outlook 2024

Building a globally significant graphite company



Strategic pathway to world graphite markets



2021

Collie Graphite Processing and R&D Facility
established

$2.0M Grant
WA Government



2022/23

Pilot micronising, spheroidising and purification
equipment installed

$4.7M Grant
Australian Government



2024

Qualification scale micronising plant
operating

$6.5M Grant
WA Government



2025

Collie Commercial Micronising Plant



2026

Springdale Mine and Concentrator



2027

Battery Anode Material (BAM) Plant

Australia's first graphite processing and R&D facility at Collie









- First graphite pilot plant in Australia
- Advanced R&D capability for ongoing testwork and flowsheet development
- Upgraded to qualification – scale equipment in 2023
- Now producing micronised product for customer testing

Next step… construction of commercial micronising facility in Collie

- Graphite micronising is a key step in battery anode processing
- Massive industrial market of its own
- $4.5M investment from WA Government
- Construction start in 2025
- Operating early 2026
- Front end engineering study near completion for FID
- Staged expansion up to 10ktpa over time to treat Springdale graphite concentrates



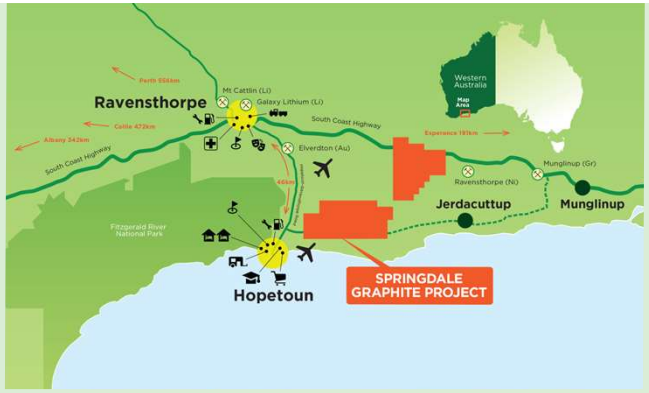


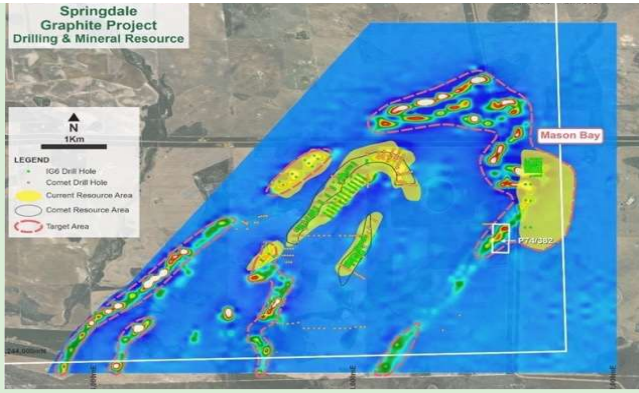




Springdale Graphite Project a resource of global significance ideally suited for li-ion batteries

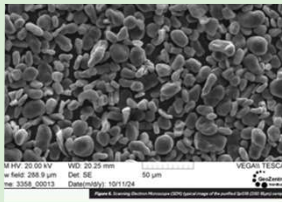
- Scoping Study completed January 2024
- Resource Discovery of the Year 2023, enormous exploration potential
- Large deposit, long life mine
  - 49 MT @ 6.5% TGC (2% cut-off)
  - 28 MT @ 8.7% TGC (5% cut-off)
- Open cut mine and concentrator
- Simple flowsheet
- Leveraging existing infrastructure and workforce
- Battery testwork results outstanding: yield up to 76%, purity of 99.99% LoI
- Feasibility in 2025





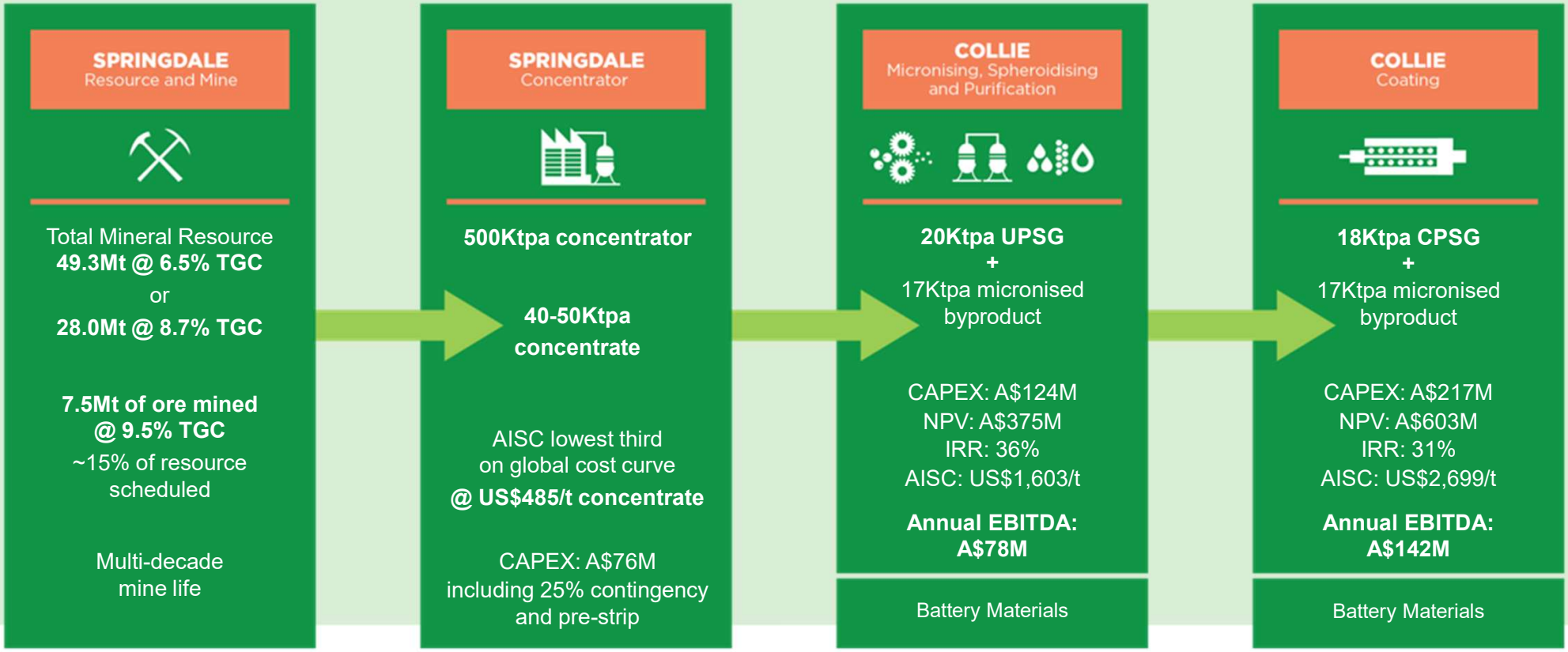






Integrated Mine to Markets Scoping Study

Key findings – first 15 years of operations, January 2024



An expert professional team

The International Graphite team has a strong technical focus with decades of experience in graphite, mining, processing and business operations



Phil Hearse
Chairman and Founder



Andrew Worland
Managing Director & CEO



David Pass
Chief Technical Officer



Robert Hodby
CFO & Company Secretary



Jasbir Khosa
Processing Manager



Marie Howarth
Director Marketing & Communication



Greg Entwistle
Project Director



Josh Hearse
Project Manager



Darren Sparks
Exploration Manager



Mel Chapman
Grant Development & Social Media Manager



Kathy Miller
Chief Industrial Chemist



Mick Murray
Community Relations Advisor Collie

Now is the time to invest in graphite



- **Springdale** will be a world class mine to supply graphite for decades
- **Collie Micronising Facility** construction to commence in 2025 and operational 2026
- **Assets perfectly suited** to address North America, European and Asian security of supply
- **Supplying battery anode materials** for the high growth lithium-ion battery EV and energy storage markets

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