MAGNIS ENERGY TECHNOLOGIES

NOV 2023

Magnis AGM

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Looking Ahead Into 2024

We are focused on the future, and we've taken positive steps to accelerate the **roadmap to recovery for Magnis**

Highlights

- iM3NY Production Progresses
- LOI with BESS prospects
- AAM Project
  - Equipment ordered
  - Worley contracted
- Funding provided to iM3NY
  - Magnis increases stake

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Looking Ahead Into 2024

- iM3NY Production
- Funding sources
- Focus on governance
  - Auditing procedures
  - Director's Fees
  - EY Report
- Progress AAM & Nachu
- Off-take agreements

iM3NY - Looking Ahead Into 2024

Objectives

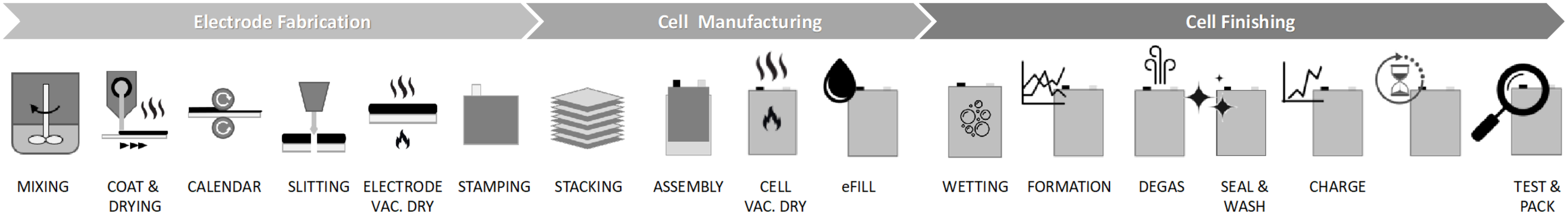
1. Funding sources
2. New iM3NY leadership
3. Production & ramp-up

Production Challenges

Challenges & Results

- **Delayed UN 38.3 certification**
  - Issues have been resolved and the UN certificate was granted
- **Working through scale-up**

Production Challenges



Manufacturing Team On-Site Report

The production team communicated that they are on target to achieve a daily production run of 300 cells by December 2023

Management

- Magnis appoints a 3 member board (Frank Poullas, Claire Bibby and Giles Gunesekera) at iM3NY and establishes a majority representation.
- Magnis appoints interim CEO of iM3NY Wade Guindy (Awaiting profile photo)
- Wade Guindy to appoint new iM3NY CFO
- Further management strengthening

China's New Export Controls on Graphite

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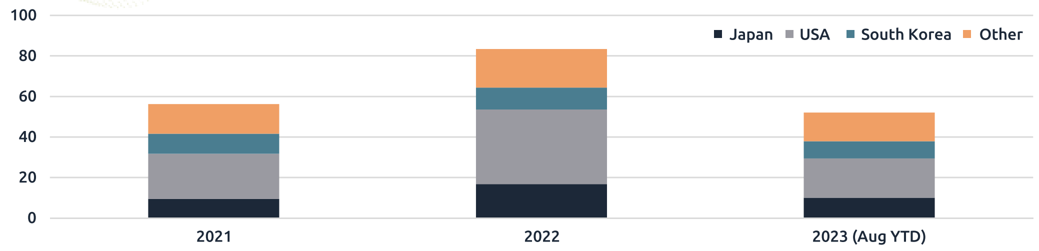
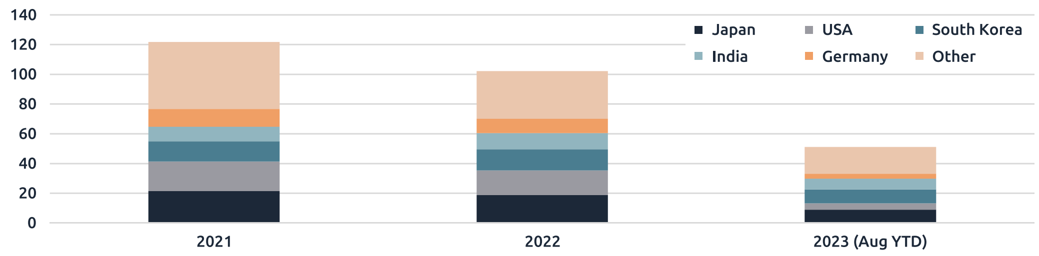
- China introduced export controls on certain graphite products including **natural and spherical graphite** from December 1, 2023
- China is currently the **major producer of graphite** products globally
- The new export controls expected to **benefit the progression of the Nachu Graphite project**

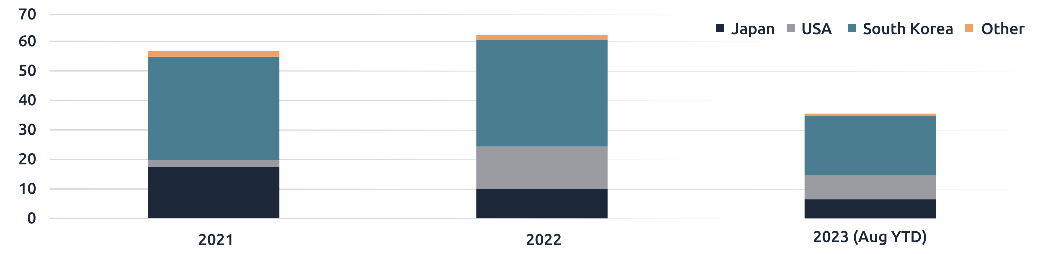
China natural graphite AAM exports (kt)[2]



China natural graphite exports (kt)[2]



China spherical graphite exports (kt)[2]



Nachu's Key Value Drivers

Differentiated Project Characteristics

World Class

Battery Materials Project

NPV_{10} US$1.2bn & 51% IRR

Strong Cash Flows driven by high operating margins

Attractive Project Returns

99% TGC

Very high purity is a key differentiator to other Graphite Projects

99%

Very High Purity Concentrate

Off-Take Agreements

- Tier 1 EV Manufacturer
- European Trading House

Reputable Off-Takers

Special Economic Zone License

Significant Fiscal Benefits for Production and Export of Value-added Graphite Products

Advanced Graphite Products

MAGNIS ENERGY TECHNOLOGIES

Compelling BFS Update

Strong Project Economics

Key Highlights of the Nachu Graphite Project[1]		
Project Metrics	**Units**	**Value**
Project NPV10 LOM (Post Tax)	US$	$1.2bn
Project IRR LOM (Post Tax)	%	51%
Payback Period	Months	19
Operating Expenditure	US$/t	$639
Concentrate Basket FOB Mtwara	US$/t	$1847
Operating Margin (incl. 3% Royalty)	US$/t	$1150
Initial Project Capital Cost	US$	$364mn
Special Economic Zone Period	Years	10
Concentrate Total Graphitic Carbon (TGC)	%	98.5% - 99%
Process Plant Capacity	t/year	5,000,000
Steady State Graphite Production	t/year	~236,000

- Magnis engaged global engineering firm Ausenco Services Pty Ltd and various other parties to update the previous BFS published in 2016
- BFS Update confirms Nachu as a world class graphite project driven by strong technical and financial viability combined with impactful sustainability outcomes
- Steady state 236ktpa high purity graphite concentrate produced over years 2 to 12
- Initial reserve-backed 15.5 year mine life with further high-grade resource conversion potential
- Post-tax $NPV_{10\%}$ of US$1.2b and project IRR of 51% driven by outstanding forecast operating margin of ~US$1,150/t or 62%

US$ 1.2bn

NPV_{10}

51%

PROJECT IRR

US$ 1150 ~/t

EXPECTED OPERATING MARGIN

1. Refer to ASX Announcement Nachu Graphite Project BFS Update and Supplementary Information to BFS update for further details on Sep 27th 2022 and Sep 30th 2022 respectively

Funding Plans

- There is **continued interest** in the Magnis businesses
- Currently in discussions with our existing lender Baupost Group. A term sheet is in place and is being worked on by the investor and lender. We are in the due diligence phase. We hope to announce a new loan agreement.
- **Nachu graphite** mining project - we have a roadmap towards negotiations for finance for both iM3NY and for Nachu
- **DOE Grant** - We are in on-going discussions with the DoE on clarifications to the agreement and look forward to providing you with an update when we can.

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