



# Magnis Resources

L I M I T E D

ENABLING FUTURE ENERGY



ANNUAL GENERAL MEETING

OCTOBER 26<sup>TH</sup> 2018

## Dendrobium D-1



“it is so seldom in this world that things come just when they are wanted....”

Margaret Oliphant - Author - circa 1880



**Magnis Resources**  
LIMITED

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# Corporate Overview

## Capital Structure

ASX code	MNS
ASX share price [24 <sup>th</sup> OCT 2018]	A\$0.30
52 week Low - High	A\$0.27 - 0.55
Shares on issue	610.4 million
Market Capitalisation	A\$183 million
Unlisted Options [various strike]	16.55 million
Average daily volume [100 days]	786,500
Cash [1 <sup>st</sup> OCT 2018]	A\$8.5M
Debt	A\$0.0M

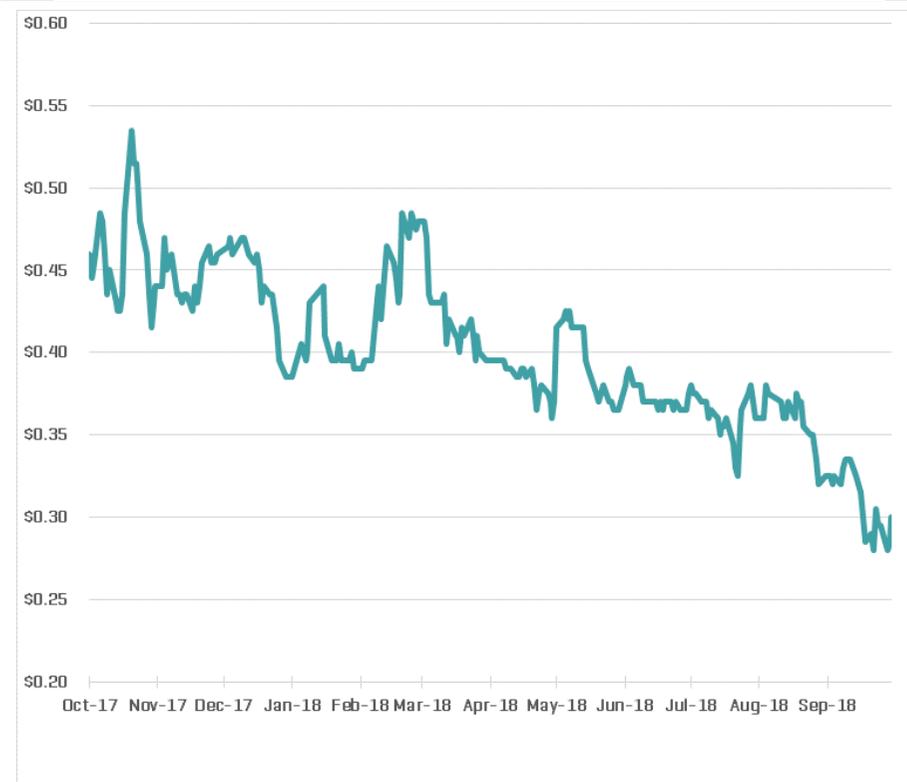
## Major Shareholders

Shareholder	Shares [M]	Ownership
Mazzdel Pty Ltd	51.0	8.4%
AL Capital Holding Pty Ltd	34.1	5.6%
Pershing Aust. Noms	27.4	4.5%
BNP Paribas Noms	23.1	3.8%

## Board & Senior Management Shareholdings

Shareholder	Shares [M]	Ownership
Board & Senior Management	29.2	4.8%

## MNS Share Price



## The last 12 months in review...



- Investment stability & security going forward in Tanzania – Positive SEZ outcomes and a company structure in Tanzania providing an excellent platform for continued growth. Project financing options and discussions were recommenced some months ago.
- Sales Agreement signed for 25,000tpa of Super Jumbo & Jumbo flake graphite with World Group.
- Building the LIB foundation – C4V 10% investment & ongoing collaboration with OEM's to qualify LIB cells using our Next Generation technology.
- IM3 New York / Alevo LIB manufacturing equipment strategic purchase / Relocation of LIB manufacturing equipment from North Carolina to New York now completed.
- Magnis patented natural graphite/silicon composite anode material, now delivering 80% more energy than graphite only anode materials.
- AL Capital joins the Magnis share register & The Hon Warwick Smith AM joins the Magnis Board.
- Agreements signed with Siemens, Celgard, Megtec and electric hypercar manufacturer Dendrobium.
- One of the worlds first working Solid State Battery demonstrations conducted in New York.

## The Magnis Vision...



To become the world's largest producer of next-generation Li-Ion Battery (LIB) cells, enabling the future energy requirements of the world and the global electrification of transportation through:

- ⏻ Mitigate key material supply risk with participation in the mining, processing and supply of key LIB raw materials. Starting with our Nachu natural graphite, to supply the critical next generation anode materials for our high performance LIB cells.
- ⏻ Developing Gigafactories globally with key alliances and JV partners.
- ⏻ Maintaining a competitive advantage through existing and new, unique IP that will continue to deliver superior LIB cells and battery materials.
- ⏻ Deliver a commercial advantage to all Global Gigafactory projects within the Magnis LIB consortiums, by delivery a global procurement capability across the entire end to end LIB cell supply chain.

## Looking Forward - General Overview



What are the key activities/transactions Magnis is working towards over the next 1-3 years

- Build Nachu / Finance / Construct.
- IM3 New York / Finance / Operational in H2 2019.
- Additional Strategic-Cornerstone Investors / Dual listing.
- IM3 Townsville / Design / Finance / Construct.
- Bring forward our R&D activity 18 months allowing production & delivery of commercial grade samples of our Generation II LIB cells to those global automotive groups & OEM's we are currently working with.
- Move up the value chain with our graphite products, by producing world class graphite/silicon composite anode material. For our own LIB cell requirements and directly into the global anode market.
- Listrom LIB plant progression / Additional LIB Plant locations across Europe and Asia.
- Establish Global Procurement team.



# Project Updates

# Nachu Graphite Project - Update

## 🔌 Political Landscape / Permits / Shovel Ready

### 🔌 SEZ Recap

- SEZ license permits 100% ownership by Magnis Resources Limited
- Legislative amendments allow for International Arbitration if disputes arise
- Revenues from product sales to be paid into overseas bank accounts – defraying major sovereign risk
- Fiscal stability ensured with a range of incentives including a favorable 10-year corporate tax-free period

## 🔌 Community & Social Responsibility [CSR]

- Library & Cashew Farm

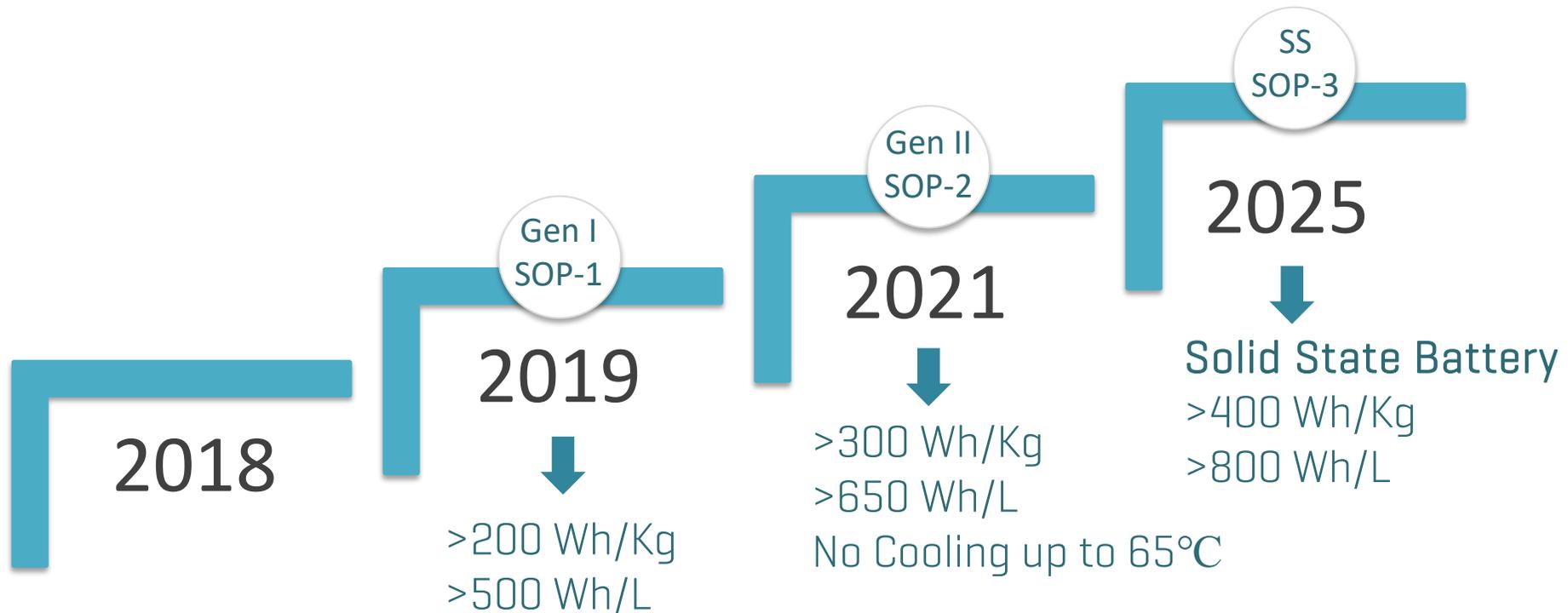
## 🔌 RAP payments / Relocations

## 🔌 Project Funding – 3 active options ongoing

- JV partners and debt equity financing options being explored
- Site Visits have taken place with more planned



# Magnis Battery Technology Roadmap – Generation II & Solid State



NOTE : Our Gen II and Solid State Lithium-ion Battery technology roadmap is being developed within the scope of our existing manufacturing equipment supply chain. Only minor changes to our production environment are required in supporting our Gen II and SS technology roadmap. This will allow Magnis to avoid significant additional capital costs when technology improvements are implemented.

# New York / USA – IM3 Lithium-ion Battery Plant Update

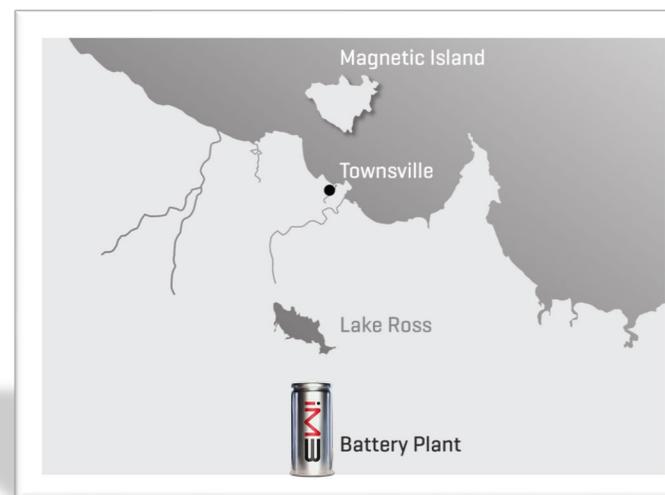
## Significant Progress being made....

- LIB manufacturing equipment purchased from Alevo [who spent over US\$200+] which IM3 NY purchased for US\$5m. This will expedite our production start date at a significantly reduced capital cost.
- The Alevo LIB equipment has now been relocated from North Carolina to Endicott New York.
- Minor plant redesign / engineering is required and has commenced to incorporate Imperium3's leading materials & IP processing technologies in the production of prismatic cells. Planning underway for additional lines to manufacture cylindrical LIB cells.
- iM3 NY has assembled an experienced team of individuals, companies and strategic partners such as Siemens to complete the installation. Ex Tesla senior Manager Mr. Chaitanya Sharma has joined the Imperium3 Advisory Board.
- A number of domestic and international institutional investors have recently visited our New York facilities and are currently performing various levels of due diligence. We are expecting to announce a definitive investment in the coming quarter.



# Townsville / Australia - IM3 Lithium-ion Battery Plant Update

- Department of State Development – Queensland, has approved the \$3.1m grant towards the Detailed Engineering & Feasibility Study.
- Detailed Engineering/Feasibility Study Project Team & Industry participants have been assembled, and amongst others include ProBuild, Siemens & Megtech.
- Project launch/kick off meetings were conducted in early September 2018, in Detroit USA with 8 global vendors.
- Townsville City Council assisting with planning and rezoning the Woodstock site as a Industrial technology precinct of which IM3 Townsville will be the anchor tenant. Both Townsville City Council and Queensland Sate Government have allocated resources to this project.
- The Detailed Engineering & Feasibility Study work is anticipated to be completed in H1 2019. The Feasibility Study is key to progress the global funding discussions currently being held, allowing for final investment decisions to be made.



## Other Projects–



### Listrom

Ongoing discussions with various stakeholders that include Government of North Rhine Westfalia, EU, potential project partners, automotive & energy storage OEM's



### Additional LIB Manufacturing Opportunities

High level engagements ongoing with Governments & Project Partners across numerous locations in Europe and Asia.



### Battery Material Supply Chain

Magnis is seeking to exploit the competitive advantage we hold with our graphite/silicon anode IP. Options are being explored to have these world class materials manufactured for our own LIB cell projects, but also supplied directly into the global anode market.



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ASX: MNS

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