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**A vertically integrated
global player in the
lithium-ion battery value
chain of electric vehicles
and clean energy
storage**



Mining and processing of
high-quality products for
use in lithium-ion battery
anodes

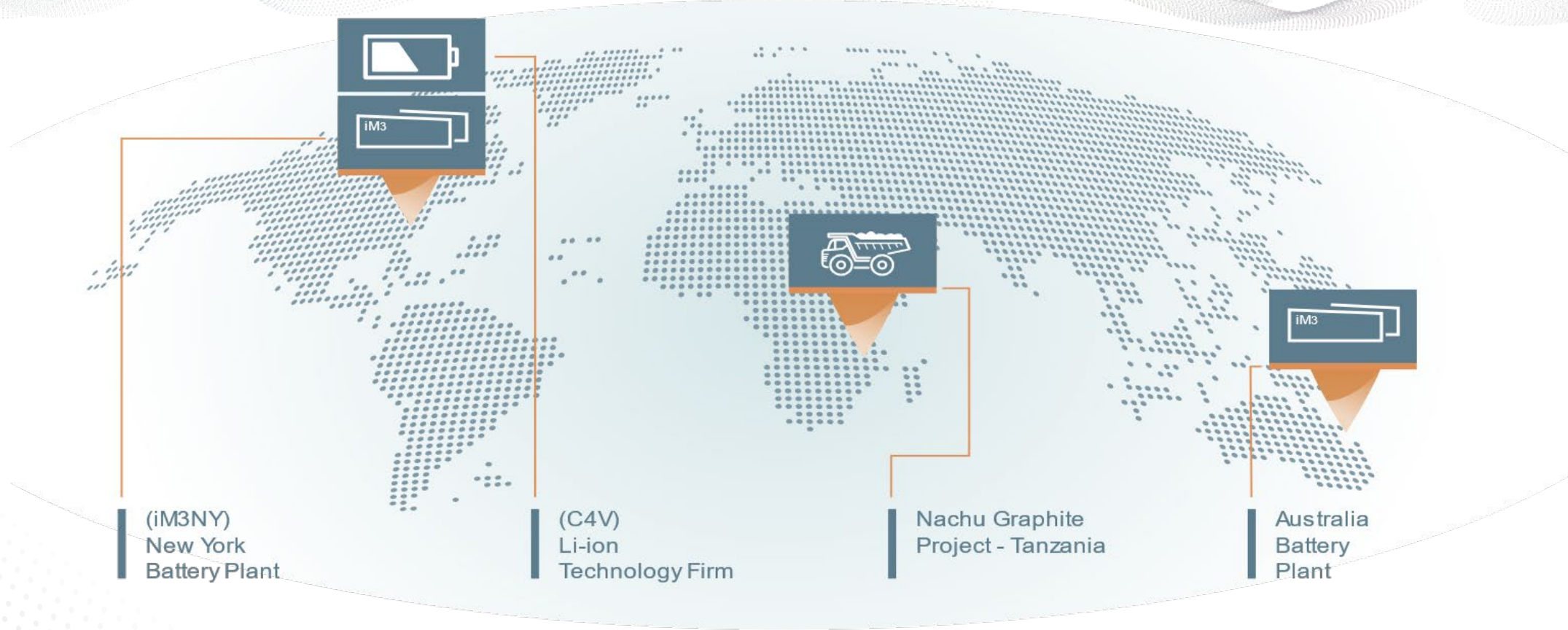


Patented high performing,
safe and fast-charging
battery technology

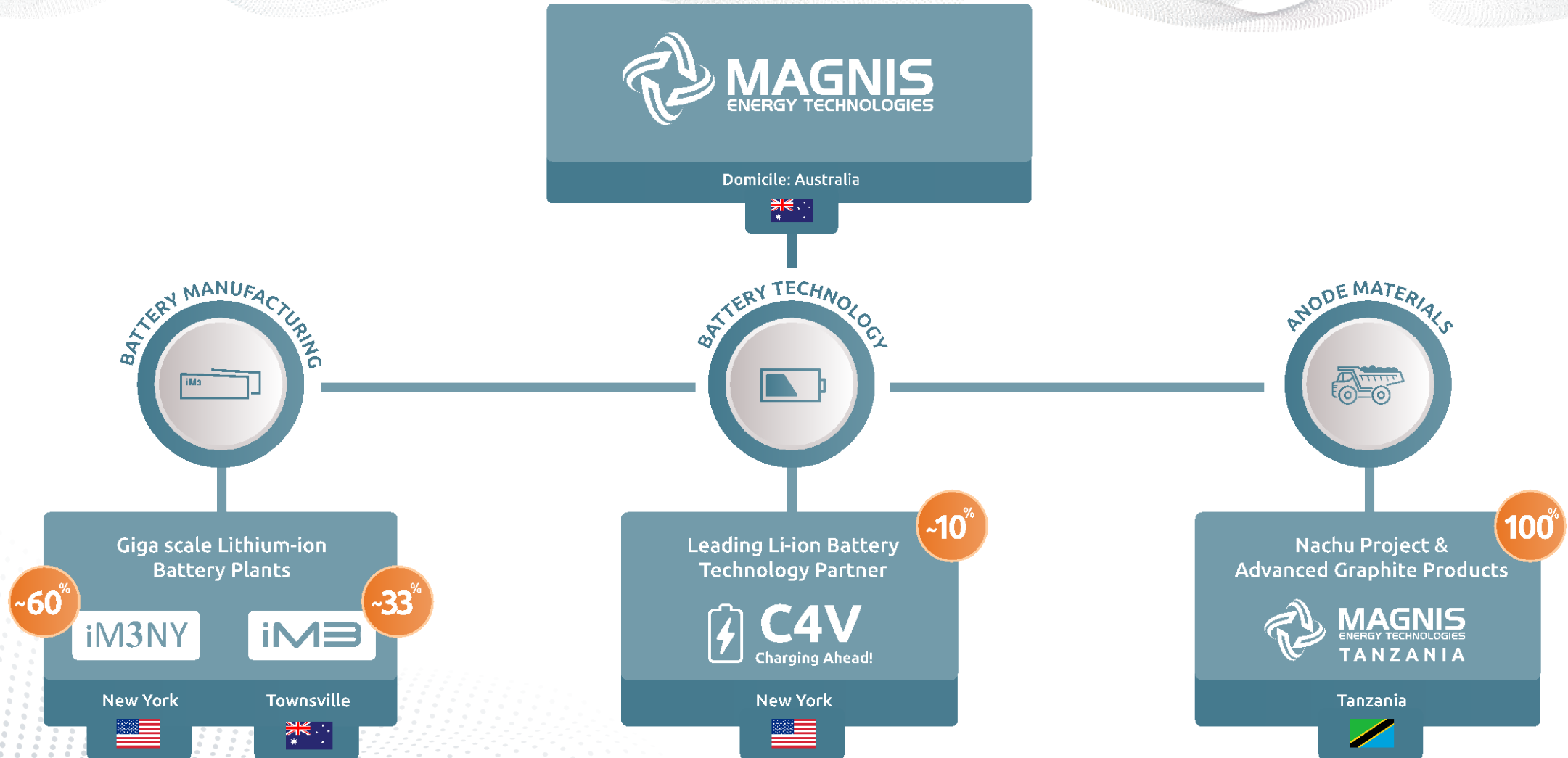


State-of-the-art gigawatt
scale lithium-ion battery
cell manufacturing

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- Current capacity for 1.8GWh of production
- IP exclusivity in the US with Li ion technology partner, C4V
- Future plans for 38GWh capacity
- Patented Cathode and Anode Technologies
- Technology and Manufacturing supply chain solutions provider for gigafactories around the world
- High quality graphite project, including jumbo and super jumbo flakes
- Low cost producer of Natural Flake Graphite
- Feasibility study completed in 2020
- Future plans for 18GWh capacity



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MNS Share Price ¹	A\$0.47
Shares on Issue ¹	966m
Unlisted Options ¹	114m
Market Capitalisation ¹	A\$449m
Average Daily Traded Value (30 Days) ¹	A\$4.2m
Cash ¹	A\$95m
Debt ²	A\$69m
Enterprise Value ¹	A\$423m
52 Week High Low	A\$0.26 - A\$0.76

1. As of 18th February 2022
2. Consolidated Group position as of 31st December 2021

Board & Executives



Frank Poullas

EXECUTIVE CHAIRMAN

25 years in investment markets, technology and engineering sectors. Involved in successful ventures within the lithium-ion battery materials and energy space. Frank is a board member of iM3NY, iM3TSV and C4V



Mona Dajani

INDEPENDENT NON-EXECUTIVE DIRECTOR

20+ years of practice experience as a dual qualified lawyer in the US and UK. Leads Pillsbury Winthrop Shaw Pittman's Renewables practice and co-leads Energy and Infrastructure Project Teams. Lead lawyer in complex acquisitions, financing and project development transactions.



Hoshi Daruwalla

INDEPENDENT NON-EXECUTIVE DIRECTOR

Hoshi brings 25+ years of proven global alliances, C-level industry ties, with a stellar global network of functional area expertise. Hoshi has held global senior management roles at corporations such as EcoPro Battery Materials, Daikin Industries, American Air Filter – McQuay, Hong Leong Group, PuraFil and at growing boot-strapped start-ups. Hoshi has operated, seeded, and scaled up businesses in 93+ countries



Mugunthan Siva

INDEPENDENT NON-EXECUTIVE DIRECTOR

Over 25 years experience in financial services both locally and overseas. Managing Director and co-founder of India Avenue Investment Management. Previously held senior roles in ANZ Private Wealth, ING Investment Management Australia and India, Macquarie Bank, Westpac and ING.



Claire Bibby

INDEPENDENT NON-EXECUTIVE DIRECTOR

Claire has over 30 years professional experience as a senior lawyer and executive coach. Claire has founded and co-founded several businesses covering the legal, executive coaching, property-tech and legal-tech spaces and has held senior management appointments with some of world's largest companies and top-tier law firms.



Peter Tsegas

NON-EXECUTIVE DIRECTOR

15+ years experience in Tanzania engaging both private and public sectors on projects; Tanzanian resident. Previous consulting roles to the Tanzanian government and to several mining companies including Rio Tinto.



Giles Gunsekera

INDEPENDENT NON-EXECUTIVE DIRECTOR

Giles has over 25 years' experience of building and developing teams and businesses for global enterprises. Giles is the Founder and CEO of Global Impact Initiative and has held senior roles in the financial services industry spanning recruiting, training, product, distribution and leadership.

These are the most prominent gigafactory projects that are either operational, have a pilot line or are planned in the US.

Strong regulatory tailwind from the US' Department of Energy driven by Biden's infrastructure plan is setting up a promising ecosystem of start-ups related to battery production.

- The US Department of Energy's Advanced Technology Vehicles Manufacturing Loan Program has \$17.7 billion in available funding to provide low-cost debt capital (at U.S. Treasury rates) for fuel-efficient vehicles and eligible component manufacturing in the United States

- US Battery manufacturing capacity to grow 3-fold to 224GWh by 2025² aided by policies and Government support that enable the expansion of electrodes, cell, and pack production to ultimately meet the future needs of electric and grid storage production as well as security applications in the US

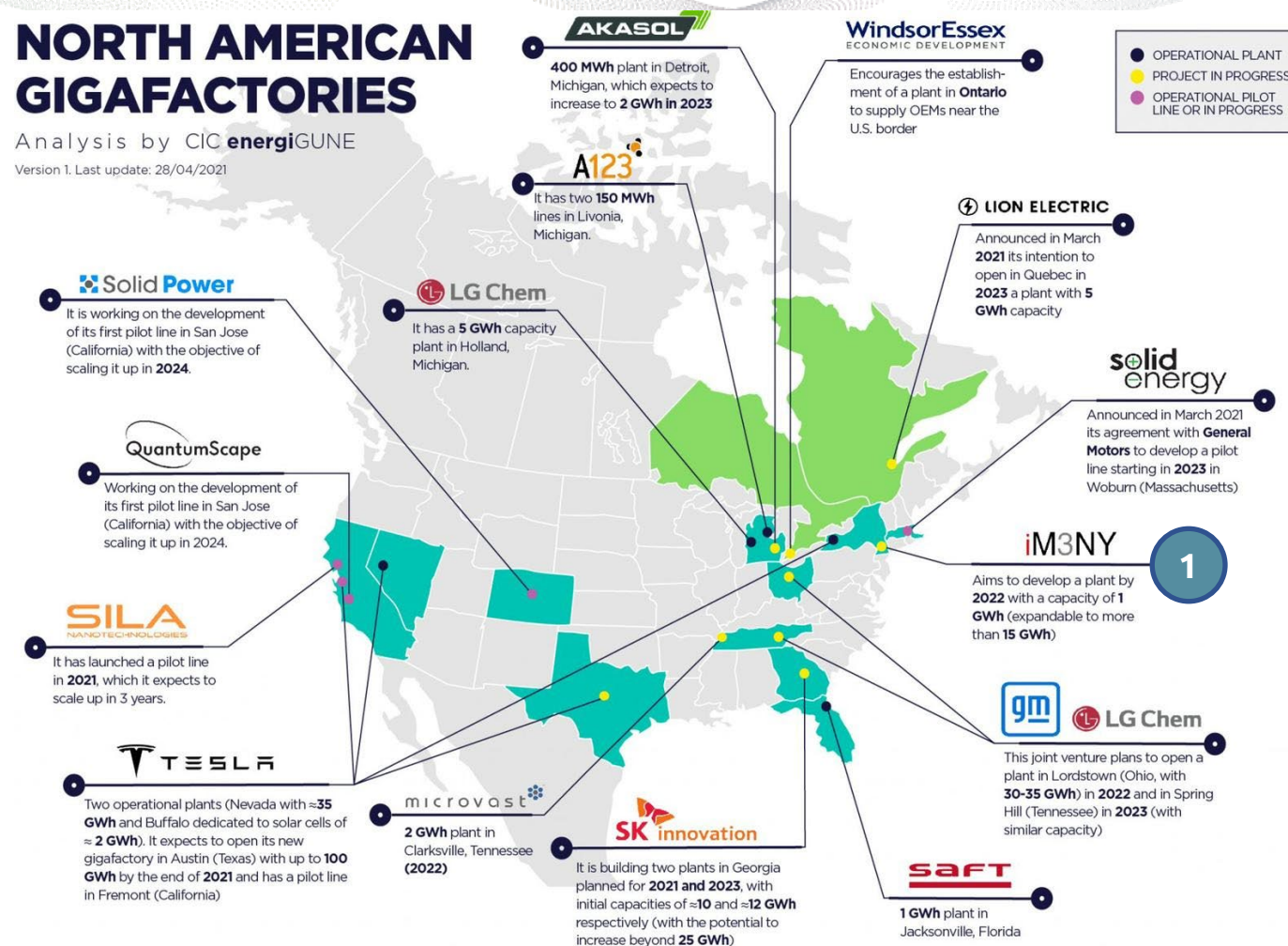
iM3NY is one of few Gigafactories in the US expected to be operational in 2022, with others scheduled for 2023 and 2024

- 1 Magnis Energy Technologies announced in an ASX release on 3rd May 2021, that iM3NY's annual capacity had increased to 1.8GWh
2. National Blueprint for Lithium Batteries 2021–2030, Federal Consortium for advanced batteries

NORTH AMERICAN GIGAFACTORIES

Analysis by CIC energiGUNE

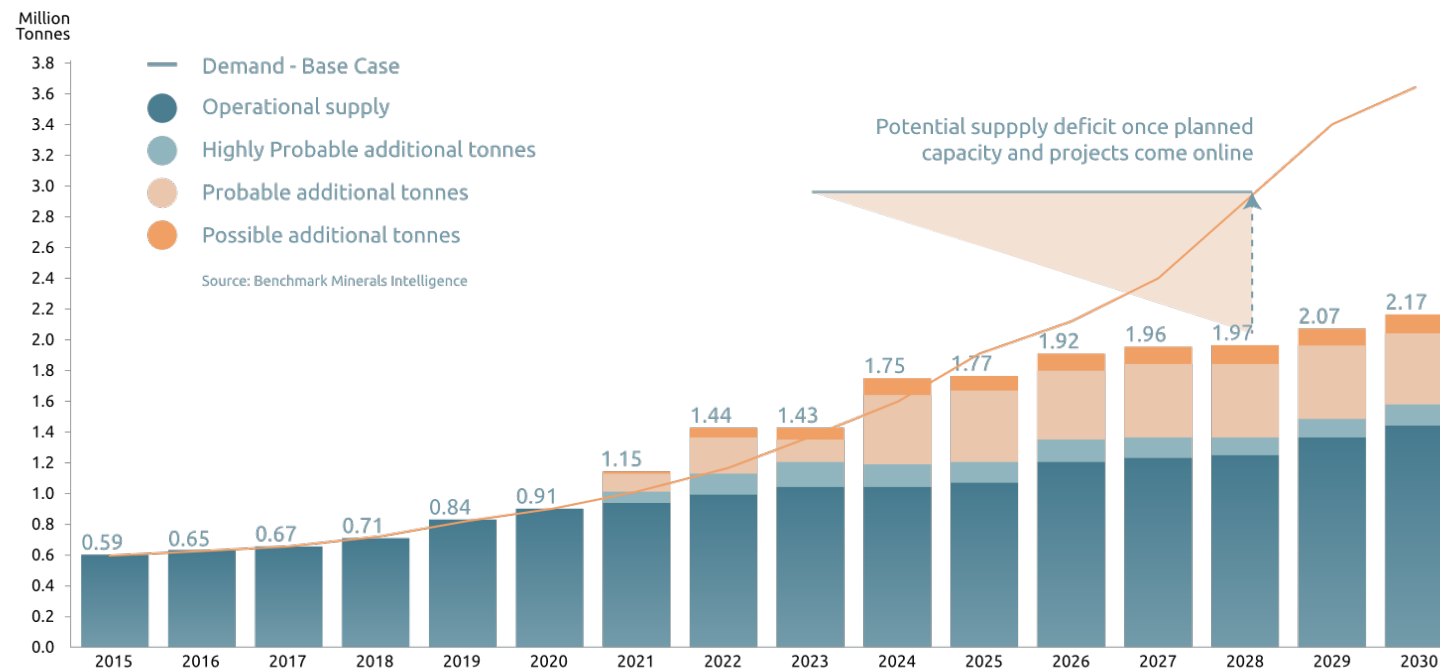
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Graphite Anode Opportunity

- Graphite makes up over 95% of the anode material in a Li ion battery
- By volume, graphite is one of the most important elements in an EV battery with around 50 to 100 kilograms of graphite (synthetic, natural or composite), present within each vehicle
- Synthetic graphite from China is not environmentally friendly. Whereas natural graphite provides a superior ESG profile as it is less energy intensive, does not use fossil fuels and is cheaper to produce
- China dominates the current supply chain of anode materials and OEMs are seeking to diversify supply
- Significant increase in graphite supply is expected from Africa, particularly East Africa, where several projects are currently under development and will need to come online to meet projected demand
- Despite this additional supply, Benchmark Minerals Intelligence expects supply deficits to increase post 2025

Market forecaster Roskill predicts graphite demand from battery makers will grow by 23-27% each year through to 2028.



Battery Manufacturing

iM3NY | Introduction to the New York Battery Plant

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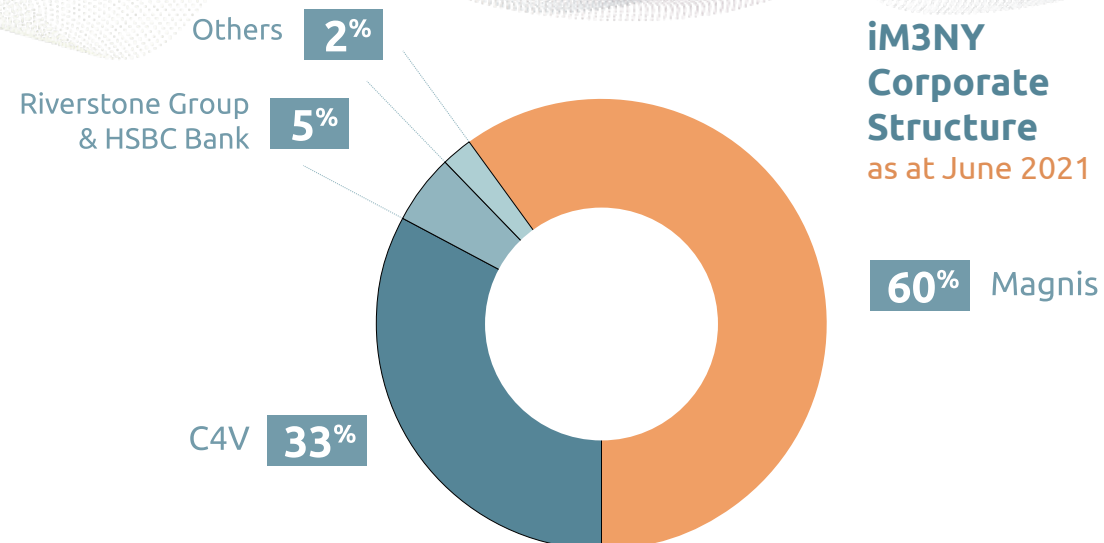


iM3NY's Gigafactory is located at the birthplace of IBM in Endicott, NY, USA

iM3NY holds the **exclusive rights in the US** to patented technologies from technology partner **C4V**

iM3NY is an **independent US** lithium-ion cell manufacturer

iM3NY is a subsidiary of Magnis Energy Technologies

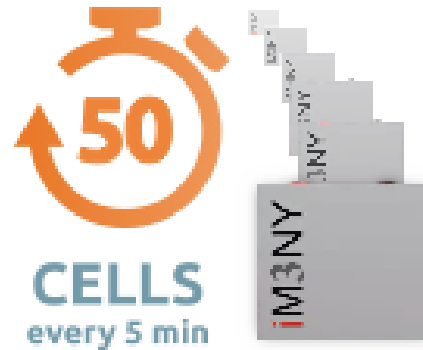


- iM3NY to produce one of the greenest batteries in the world as per report by Abt Associates commissioned by the New York State Energy Research and Development Authority (NYSERDA)
- iM3NY uses a non-China, primarily North American based supply chain
- Access to excellent logistics, materials handling and rail infrastructure.
- In 2020, New York accounted for 11% of U.S. hydroelectricity net generation, and the state was the third-largest producer of hydroelectricity in the nation¹
- iM3NY has leased 250,000sq feet or ~6 acres at the Huron Technology Hub. The technology hub at Huron campus presently has 2.5m square feet (or ~60acres) of un-tenanted capacity available.

1. US Energy Information Administration Data, <https://www.eia.gov/state/?sid=NY#tabs-3>

Battery Manufacturing

iM3NY | Mass Production of Cells to begin in 2022



Fully Automated
production at 1.8GWh
capacity can produce 50
cells every 5 minutes



DANISH EPC CONTRACTOR

Danish engineering group
Ramboll is the EPC
Contractor, plant is currently
in semi autonomous phase
moving towards its fully
automated phase in Q2 2022



EXPERIENCED TEAM

Experienced team of scientific,
engineering, operations and
finance across the EV/ESS
sector lead by former Tesla
Gigafactory engineer

95%



POWERED BY CLEAN ENERGY

Factory will run on clean
energy, producing greener and
lower-carbon cells

38^{GWh}



PLANNED CAPACITY SCALE-UP

Plant capacity to reach 1.8GWh
by 2023 with plans to scale up
to 38GWh over this decade

Battery Manufacturing

Townsville Battery Plant



Greenfield Project: Magnis part of a consortium to develop a Lithium ion Battery Plant in Townsville, Australia



Queensland Government funded feasibility study completed and approved (August 2020)

18
GWh

Planned production capacity, once Townsville Project Plant is established

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iM3NY's GIGAFACTORY APPROACH

Vertical integration and digitalisation create trust in iM3NY's battery supply chain and its traceability

DESIGNED FOR SAFETY

10+ years of R&D focused on design for safety and lowest environmental impact



VERTICAL INTEGRATION

Manufacturing of majority of battery components, including the cathode and anode through supplier co-location and innovative partnership models

ECOSYSTEM APPROACH

iM3NY identified four primary ecosystems* that support smart manufacturing initiatives: production, supply chain, customer and talent



INDUSTRY 4.0

Internet of Things enabled approach across supply chain, manufacturing and facilities maintenance, leading to reduced waste and better quality at lower costs

AUTOMATION

Increased levels of automation, ensuring higher efficiencies, better quality control and reduces long term costs



CIRCULAR ECONOMY

Engagement with domestic recycling partners for environmental benefits, leading to increased cell performance. In contrast with the rest of the industry, most of the iM3NY components are recycled.

Note: The ecosystem capabilities include connected customer, intelligent supply of raw materials, synchronised planning, talent access, digital development/innovation

iM3NY

THE GIGAFACTORY MODEL FOR FUTURE BENCHMARKING



Better safety & quality



Reduced time to market

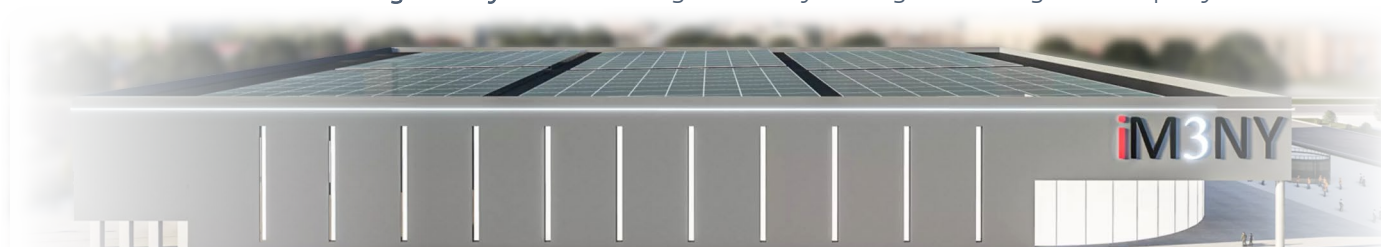


Lower costs



Agile and inventory light supply chain

THE FUTURE GIGAFACTORY will benefit from learnings and optimisations of our First Gigafactory in order to target industry leading cost savings and output yields.





Magnis' technology partner, Charge CCCV (C4V) is a cutting-edge Li-ion battery technology company based in Binghamton, New York with expertise and patented discoveries in Lithium-ion battery composition and manufacture






C4V's proprietary P Series phosphate-based cell chemistry contains no nickel or cobalt and provides greater than 20% better energy density than LFP cells with lower cost than NMC cells. The cells have been commercially tested and shown to vastly extend battery life, provide greater safety, lower cost and improve charge performance addressing each of the current barriers to battery adoption.

TECHNOLOGY ROAD MAP

C4V continued Li-ion battery technology portfolio development and commercialisation of their;

- P Series (phosphate-based chemistry)
- LiSER (in-house patented battery cell to pack design that allows OEMs to bypass modules and build the pack directly)
- N Series (nickel-rich chemistry)
- SP/SN Series (Solid state and semi-solid state)

CURRENT BARRIERS TO ELECTRIC VEHICLE ADOPTION

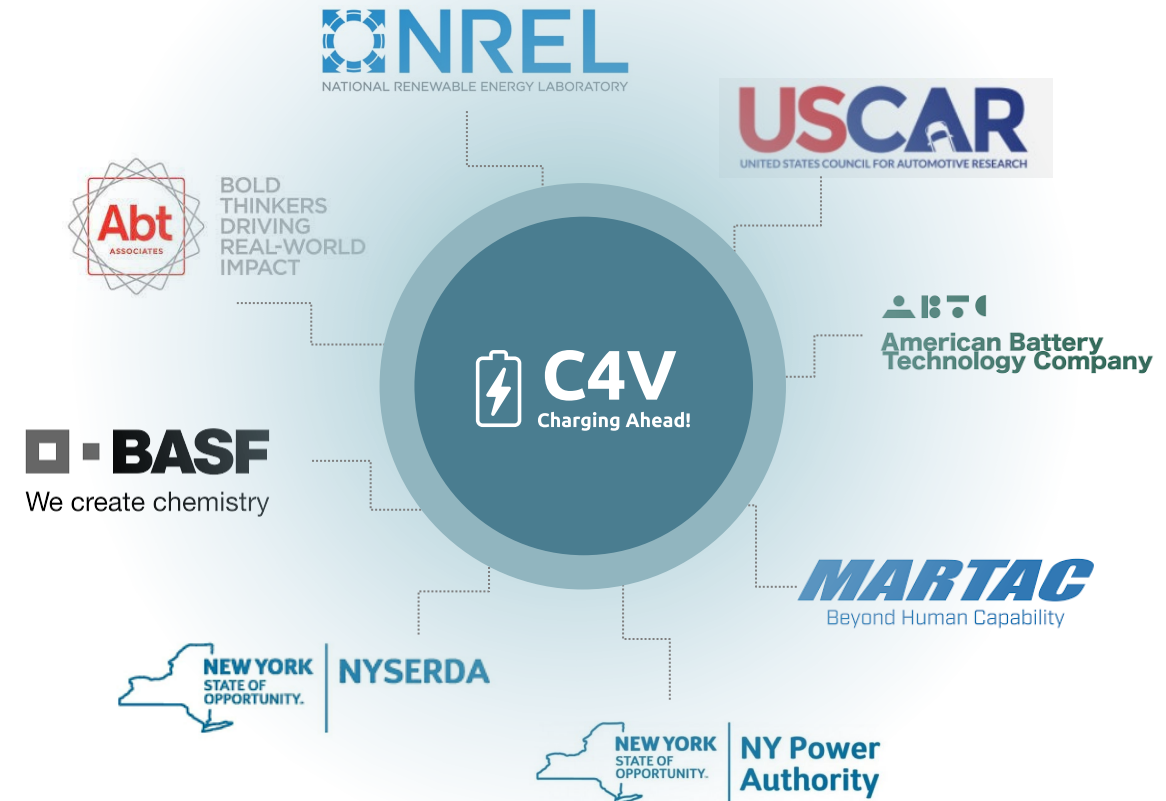
-  CHARGING SPEED
-  SAFETY
-  LIFESPAN
-  COST
-  ENERGY DENSITY

• **Charge CCCV (C4V)** selected in **U.S. Department of Energy Project** focused on solar powered hybrid system for grid stabilization. The project is led by **Binghamton University** and includes parties such as **New York Power Authority** and **National Renewable Energy Laboratory, BNL**. C4V to provide lithium-ion batteries for the project¹

• **New York State Energy Research & Development Authority (NYSERDA)** funded Lifecycle assessment of batteries using C4V technology, conducted by **Abt Associates**. **Conclusion: One of the 'Greenest batteries'**²

• C4V's Firesafe™ has made it to commercial applications with its strategic customer **Maritime Tactical Systems (MARTAC)**. The **UK MoD** new craft from MARTAC utilises C4V technology. Commercial orders validate C4V's battery technology's applications in diverse fields

• C4V collaboration with the **American Battery Technology Company** and **BASF** for the production of recyclable green battery technology. Grant by **United States Advanced Battery Consortium LLC**, a subsidiary of **USCAR** (collaborative automotive technology company). Enabled by a cooperative agreement with the **U.S. Department of Energy (DOE)**, its member companies are **Ford Motor Company, General Motors** and **Stellantis**³



1. The project is to develop a two-stage solar plant control framework that will enable the coordination of multiple solar plants to enhance grid stability through grid-forming inverter controls which includes battery storage

2. For more information on the life cycle assessment of C4V's battery technology conducted by Abt Associates paper, please refer to Magnis' ASX release on the 6th October 2020

3. United States Advanced Battery Consortium LLC, in collaboration with the U.S. Department of Energy (DOE), for the commercial demonstration of its integrated lithium-ion battery recycling system and production of battery cathode grade metal products, the synthesis of high energy density active cathode material from these recycled battery metals by cathode producer and lithium-ion battery recycler BASF, and then the fabrication of large format automotive battery cells from these recycled materials and the testing of these cells against otherwise identical cells made from virgin sourced metals by cell technology developer C4V.

Magnis' technology partner C4V has developed a **patented** and **commercialised bio-mineralising process (BMLMP)**

P Series cells which uses a **BMLMP cathode chemistry** can achieve **15-20% nominal cell voltage improvement over current LFP chemistry** with significantly higher energy density and a higher cycle life



Longer
Cycle Life



3.9V – one of
the highest on
the market



Longer
Cycle Life



Better extreme
weather
performance



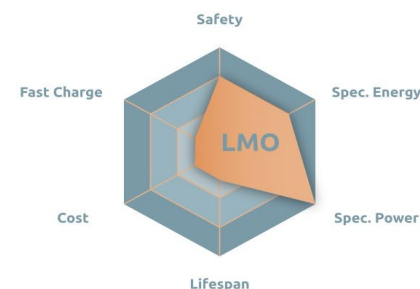
XFC - Extra Fast
Charging

NiCo

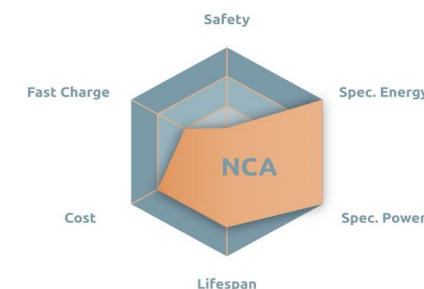
No Nickel
No Cobalt

Cathode Material	Voltage (V)	Capacity (Ah/kg)	Cell Energy (Wh/kg)
LFP	3.3	150	130
NMC	3.7	155	258
NCA	3.6	180	250
BMLMP	3.9	160	230

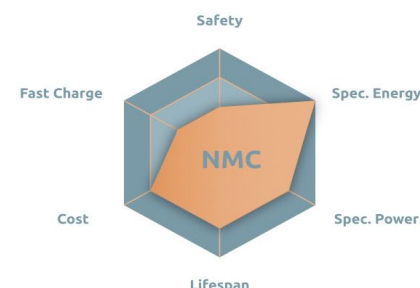
Small Manufacturer



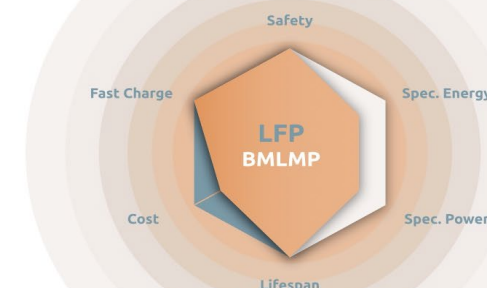
Tesla



CATL

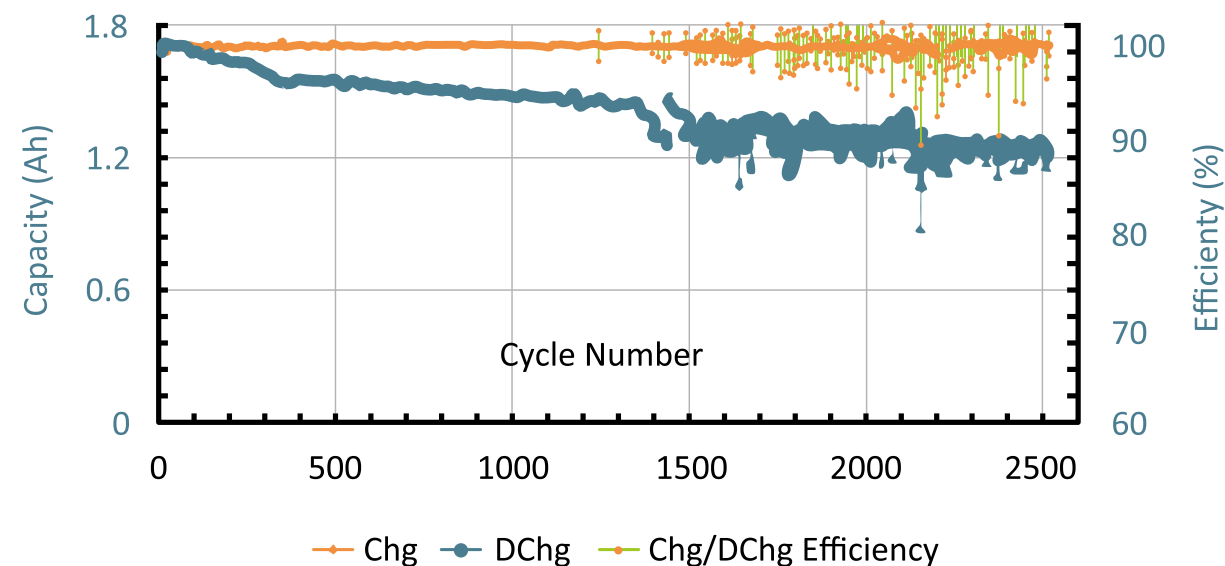


iM3NY



Source: C4V & iM3NY

- Exciting initial results in **Extra Fast Charging (EFC)** battery program with 7Ah (Amp hour) commercial cells **using C4V's patented BMLMP Technology**
- **Extra Fast Charging (EFC)** shows no capacity loss after 250 cycles with 15 min charge and variable discharge rates¹
- **Over 75% retention following >2500 cycles with Fast Charge (FC)** program 30 min charge & 30 min discharge
- EFC and FC expected to have a **major impact on the transportation industry**



Optimised fast charging BMLMP cell cycling data at 2C-2C rates with 30-minute charge and discharge of the cell

1. For more information, please refer to ASX release announced on the 31st December 2021 as well as research note written by Dr Jawahar Nerkar, Director of Battery Technologies, Magnis Energy Technologies <https://magnis.com.au/charging-ahead/>



- C4V's innovative and unique LIB cell technology, Lithium Slim Energy Reserve (LiSER) will enable the production of module-free, 'cell-to-pack' or cell-to-chassis' battery packs¹
- This will enable original equipment manufacturers (OEMs) to produce EV's with enhanced performing high energy density LIB systems.
- Design allows for maximum cell to pack translation of performance
- Industry first "Tab-less" advanced prismatic cell design that has an in-situ cooling loop
- Allows for temperature ranges of -40°C to 90°C which assists in extra fast charging
- Power density superiority at pack level to yield 5x over LFP and more power than NMC

1. For more information, please refer to ASX release on the 27th January 2022 as well as research note written by Dr Jawahar Nerkar, Director of Battery Technologies, Magnis Energy Technologies <https://magnis.com.au/liser-game-changing-li-ion-battery-technology-for-electric-vehicles/>

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Magnis has a long history in Tanzania and our **Nachu Graphite Project** is a significant asset, involving :

- Mine development by Uranex Tanzania Ltd.
- Production of advanced graphite products by subsidiary Magnis Technologies Tanzania Ltd.



Uranex Tanzania and Magnis Technologies Tanzania are locally registered companies, owned by Magnis Energy Technologies Ltd



The Project is located in **Ruangwa District**, Lindi region covering an **area of 29.77 km²** approximately 220 km by road from the port of Mtwara.



Our Nachu Graphite Project has one of the largest mineral resources of large flake graphite in the World



Magnis Energy Technologies' subsidiary, **Uranex Tanzania Limited**, was granted a **Special Mining Licence SML No. 550/2015** by the **Tanzanian Government's Ministry of Minerals** on 9th September 2015 after graphite mineral exploration.

Magnis Energy Technologies' subsidiary, **Magnis Technology Tanzania Ltd**, was granted **10-year SEZ Licence** by the **Tanzanian Government's Ministry of Industry and Trade**. Highlights of the **Special Export Zone (SEZ)** include;

Nachu mine and extraction plant will operate under Uranex Tanzania Ltd.

A 16% stake in this entity shall be granted to the Government of Tanzania as Free Carried Interest



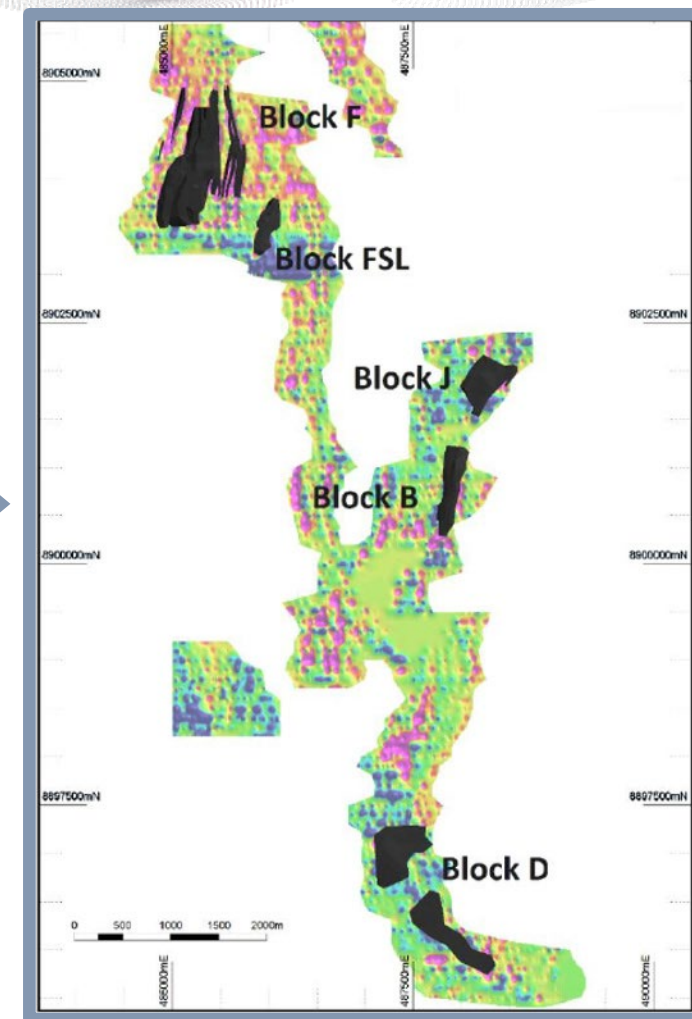
- ✓ Nachu processing plant will operate under Magnis Technologies Tanzania Limited (MTT), a wholly-owned subsidiary of Magnis, in the SEZ licence area.
- ✓ Magnis owns a 100% interest in the Nachu SEZ
- ✓ Exemption from corporate tax for 10-years. This was recently renewed in May 2021
- ✓ International arbitration available if dispute resolution required; and
- ✓ Ability to retain revenue offshore



Key **Mineral Resource** and **Ore Reserve** are summarized below¹:

- JORC compliant mineral resource estimate of 174 million tons (mt) at 5.4% Graphitic Carbon (Cg) for 9.3 mt contained graphite. Five deposits – Blocks B, D, F, FS and J. Two orebodies – Blocks F and FS
- Proven and Probable ore reserve of 76 mt at 4.8% Cg for 3.6 mt contained graphite sufficient for initial life of 15 years.
- 220k tons per annum (ktpa) graphite concentrate for the first 12 years and 160 ktpa concentrate for the remaining 3 years.
- Nachu Graphite Project offers high value super jumbo and jumbo flake graphite.

There is a strong potential for extension of operating life at 220 ktpa concentrate with further conversion of high-grade resources.



Nachu resource = 174mt at 5.4% Total Graphitic Carbon (TGC) for 9.3mt contained graphite (AMC Consultants)

- 71% in Measured and Indicated categories
- Covers only 2% of project licence area

Nachu reserve = 76mt at 4.8% TGC for 3.7mt contained graphite

- Initial mine life of 15 years
- Significant further high grade resource conversion potential

PROJECT OVERVIEW*

Resources	174mt
Reserves	76mt
Initial life of mine (years)	15.2
Total mined ore (mt)	76.3
Strip ratio (LOM avg)	1.5
Plant throughput (mtpa)	5.0
Feed grade (% TGC, LOM avg)	4.8%
Recovery (LOM avg)	92%
Graphite concentrate production (ktpa, LOM avg)	220
Average concentrate purity (% TGC)	98.3%

* BFS completed in 2016 and is currently in the process of being updated with engineering consultancy Ausenco

Nachu mineral resource estimate

Classification	Tonnes (mt)	Grade (% TGC)	Graphite (mt)
Measured	63	4.7	3.0
Indicated	61	5.7	3.5
Inferred	50	5.8	2.9
Total mineral resources	174	5.4	9.3

Nachu ore reserve estimate

Classification	Tonnes (mt)	Grade (% TGC)	Graphite (mt)
Proved	50.5	4.6	2.3
Probable	25.7	5.1	1.3
Total ore reserves	76.3	4.8	3.7

Logistics

- Bagged concentrate trucked to port and loaded into containers
- 220km by road; 200 km sealed by the time production commences

Port Access

- Mtwara facility has 400ktpa capacity with 130-140ktpa current utilisation
- Expansion underway to increase capacity to 750ktpa

Water Availability

- Bore-field on-site; comprehensive water management system designed by Knight Piesold consultants

Power Supply

- Nachu process has relatively low power intensity
- Review of options underway to compare¹
 - Grid connection via overhead line
 - Construction of a gas pipeline with power facilities onsite

1. A review of options for power supply for Nachu is being undertaken in an update to the original BFS completed in 2016. Global engineering consultancy firm Ausenco has commenced the update as per ASX release on 11th February 2022



MTWARA PORT





BFS completed in 2016 for an average **220ktpa** graphite concentrate produced over an initial reserve-backed **15-year mine life**.



BFS is currently being updated by engineering consultancy **Ausenco** to redesign the process plant layout to optimize capital and operating cost mix.



Magnis has secured a **binding offtake for 600k tonnes of graphite concentrate over 6 years** with **Traxys Europe**. Further offtake discussions are underway.



High purity graphite concentrate **not requiring any chemical leaching**. (i.e. no hydrofluoric or hydrochloric acid) **saving ~US\$1,000/tonne** as well as having a **lower carbon footprint**¹



Perfect feedstock for coated spherical graphite with 99.95% purity. **CSPG or SPG production is under consideration**



220ktpa Flake Graphite Concentrate with an average of 98.3% Total Graphitic Carbon (TGC)*

20ktpa - Super Jumbo Flake	70ktpa - Jumbo Flake	130ktpa - Battery Feedstock
Size: +500 microns, +35 mesh	Size: 300-500 microns, +50/-35 mesh	Size: Sub 300 microns, -50 mesh
Purity: 98.5% TGC	Purity: 98.5% TGC	Purity: 99.5% TGC
Key markets: Aerospace, composites & niche markets	Key markets: Expandable graphite, composites & electronics	Key markets: Spherical graphite for use in Li-ion battery anodes
Current pricing: US\$4,000-6,000/t CFR**	Current pricing: US\$2,500-3,000/t CFR**	Value-in-use pricing: +US\$2,100/t FOB**

* Concentrate production rate over first 12 years of initial mine plan

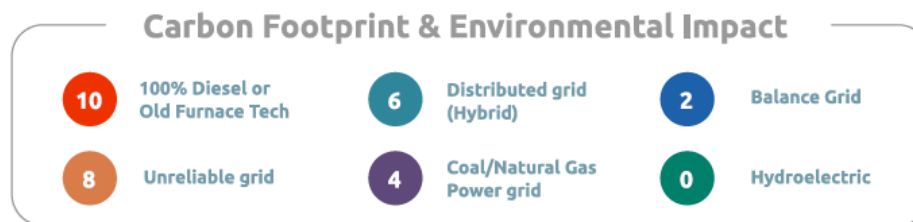
** Pricing based on industry sources and end user discussions

1. Magnis announced on the 29th June 2020 via the ASX's Market Announcement Platform to produce graphite products without the use of chemical purification minimizing environmental impact

Magnis has jointly undertaken the qualification of its graphite product offering with several prospective end users and supply chain partners.

Important aspects of the qualification included:

- **Eliminating the use of harsh and toxic acids** in the purification process (chemical purification)¹
- **Reducing the carbon footprint** of the entire supply chain and utilising existing commercially available technology to ensure that the performance is reproducible, and that large scale production can be achieved quickly.

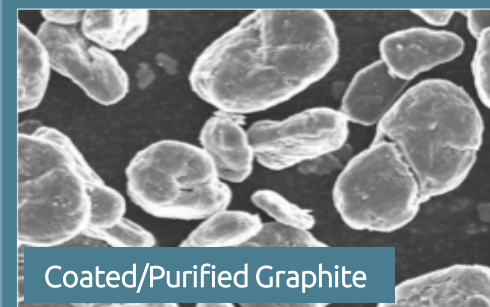
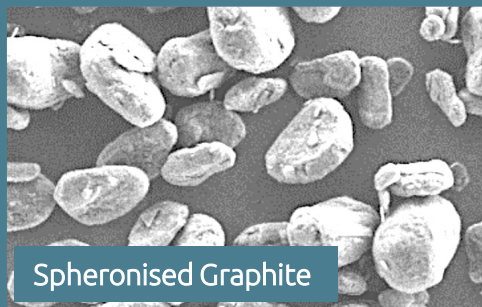
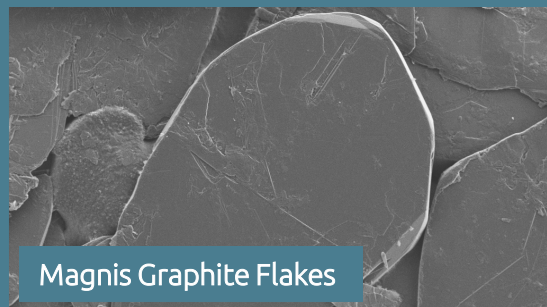


1. For more information, please refer to Magnis' ASX release on the 29th June 2020 that it can produce graphite products without the use of chemical purification reducing environmental impact

Magnis Flakes From Mine 1
~ 180 Micron (d50)
(Purity 99.4%)

Milling & Spheronisation
~70 % Yield
(Purity 99.8%)

Coating/ Ultra Specification
(Purity 99.95+%)

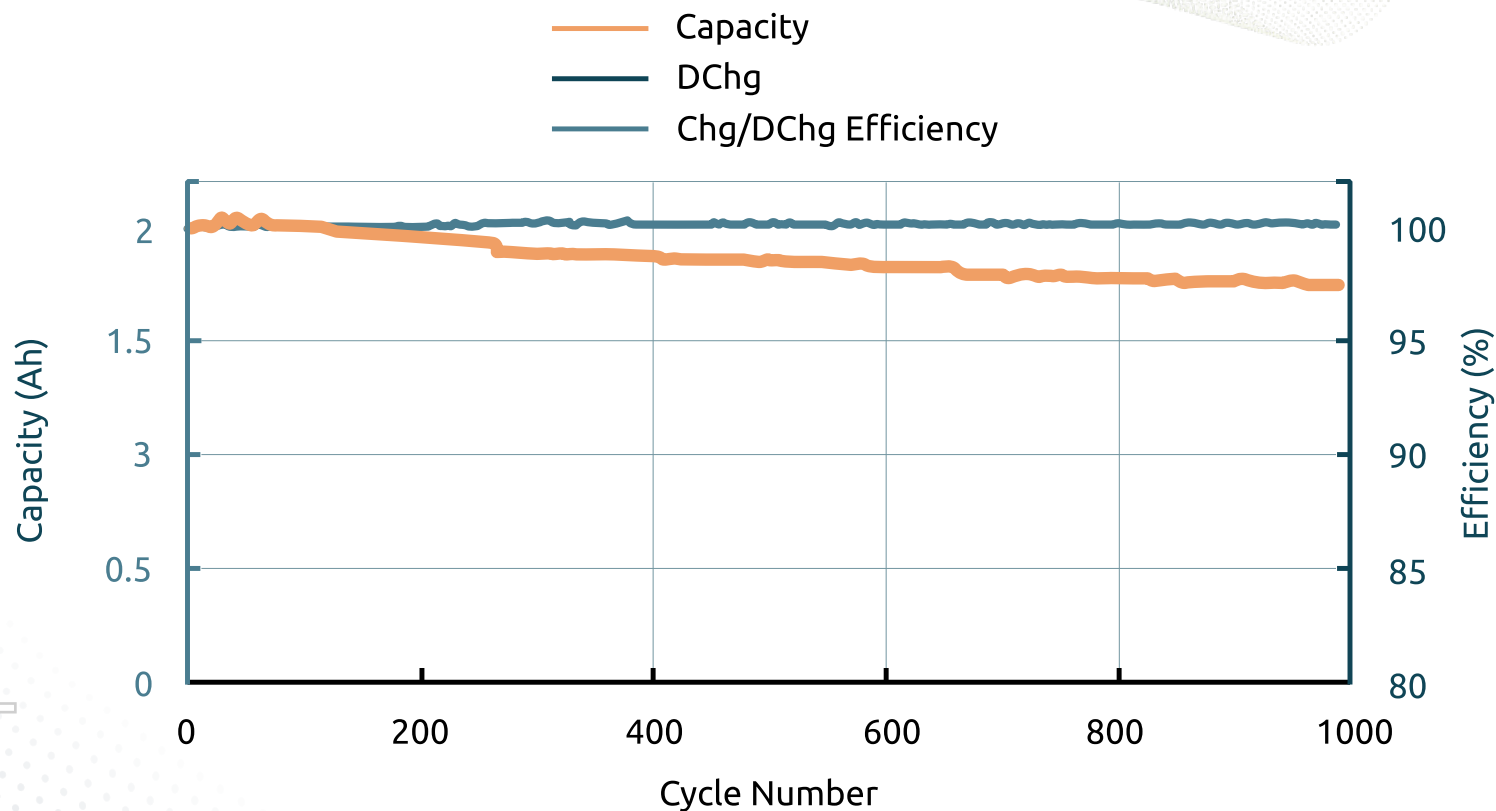


**COIN
CELL
TESTING**

- Highest purity graphite concentrate (>99%)
- Consistent quality of crystal with minimal imperfections in natural graphite flake lends itself to high performance and sustainable processing
- High yields (~70%) from micronising and spheronising steps
- Extreme purity (99.95%+) coated anode

Anode Materials

Nachu | Blended CSPG Performance



Coated Spherical Graphite (CSPG) anode material derived from Nachu Graphite Project has demonstrated excellent battery performance¹

The longer cycle life performance of Nachu CSPG has been evaluated in commercial graded optimised full cell format.

A 2Ah commercial graded cell comprising of Nachu CSPG as the anode blend has demonstrated around 90% of its initial capacity retention over 1000 cycles.

A well-engineered Nachu CSPG with its inherent consistent crystal quality is attributed to its excellent cycling performance compared to commercially available anode materials.

1. Magnis announced on the 29th June 2020 via an ASX release that an anode blend containing Nachu Graphite has retained around 90% capacity after 1000 cycles

ESG Environmental Footprint

Contributing to a sustainable future



Key player in the **Global Energy Transition and Decarbonisation** Mega-Trend

- A report by Abt Associates, commissioned by the New York State Energy Research and Development Authority, highlights batteries produced by iM3NY to potentially be the greenest in the world
- High quality graphite concentrate means no use of environmentally harmful Hydrofluoric acid in the graphite cleaning process



Positive Social Impact on communities and workforce

- Zero Loss-time injury frequency rate (LTIFR)
- Education, infrastructure and training services in Tanzania
- Future job creation in Tanzania, Townsville and New York



Key player in the **Global Energy Transition and Decarbonisation** Mega-Trend

- Independent Directors at 72%
- Board Gender Balance at 29%
- Diverse Culture & Background of Board



Socially Equitable



Environmentally Sound



Economically Feasible

SUSTAINABILITY

Milestones

Expected journey over the next 12 months



1. Update to Magnis' original BFS completed in March 2016
 2. End of Q3 2022 to align with conditions in Binding Offtake Agreement signed with Traxys Europe and announced in an ASX release on 20 Dec 2021

Why Magnis Energy Technologies



Large Regulatory Tailwind

The US Department of Energy Advanced Technology Vehicles Manufacturing Loan Program plans to distribute US\$17.7 billion¹ to support new research and domestic manufacturing of vehicles and components in the US



Highly Scalable, Decarbonisation Mega-Trend

A unique listed play into large scale global Lithium-Ion Battery cell manufacturing critical for adoption of Electric Mobility and Energy Storage



Highly Experienced and Credible Board of Directors

Unrivalled capabilities and expertise in renewable energy, battery materials, business strategy and financial services industry



World Class Intellectual Property

Partnering with technology partner C4V paired with our next generation anode and cathode battery materials, which have patent protection in several countries



High Quality Graphite

A critical component in the anode of a Lithium-Ion Battery cells. East Africa expected to be a key supplier of higher-quality and larger flake graphite to the world compared to China who accounts for over 80% of global supply².



Commercialised Technology with Binding Offtakes

The New York plant already has binding offtakes in place for its P Series cells as the technology has already been qualified and is commercial ready

1. Through its Advanced Technology Vehicles Manufacturing Loan Program, LPO has \$17.7 billion in available funding to provide low-cost debt capital for fuel-efficient vehicle and eligible component manufacturing in the United States.
2. U.S. Geological Survey, Mineral Commodity Summaries, January 2022. China estimated production of ~820kt from a total of ~1mt globally in 2021

Thank You

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