



Magnis Resources  
L I M I T E D

FOR RELEASE: 5 JUNE 2018

# Agreements signed to fast track Townsville Battery Plant

- New project partners to join Imperium3 consortium to assist with project delivery – additional parties include SIEMENS, Celgard, Probuild, Norman Young & Disney, Ausenco and WT Partnership
- \$3.1 million committed in funding from the Queensland Government towards feasibility study
- Agreement executed by Imperium3 representatives with the Townsville Mayor and witnessed by Queensland Premier Annastacia Palaszczuk at a signing ceremony in Boston on 3 June 2018
- Feasibility Study has commenced – will be completed by project partners prior to the year end
- Stage 2 funding is progressing well – discussions are underway with multiple parties in the private and public sectors

Magnis Resources Limited (“Magnis” or the “Company”) [ASX: MNS] is pleased to advise of a signing ceremony at the BIO Conference in the United States to fast track the Townsville Lithium-ion Battery Plant.

Furthermore, the Company is pleased to announce that it has secured commitments from new partners including SIEMENS, Celgard, Probuild, Norman Young & Disney, Ausenco and WT Partnership.

## Signing ceremony and Queensland Government Stage 1 funding

A signing ceremony hosted in Boston, Massachusetts on 3 June 2018 included Queensland Premier Annastacia Palaszczuk, Townsville Mayor Jenny Hill and senior representatives from Siemens, Celgard and Imperium3. An agreement was signed to help fast track the Townsville Battery Plant [see Figure 1].

To further highlight the level of importance of the project, Townsville City Council have hired a highly experienced dedicated resource to wholly focus on facilitating the fast tracking of key milestones and the Qld State Government is in the process of making a similar pledge on top of its commitment for \$3.1 million in funding.

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The committed funding allows for a feasibility study and detailed engineering work programs to begin immediately. The work will be carried out by key project partners that are also expected to be involved in the subsequent construction of the project, enabling the development to be fast tracked once an investment decision is made.

## Additional project partners secured

Magnis is pleased to advise that Imperium3 has also secured the commitment of multiple new project partners to assist in the delivery of this project. These partners include SIEMENS, Celgard, Probuild, Norman Young & Disney, Ausenco and WT Partnership.

The new partners are in addition to the existing Imperium3 consortium which consists of Magnis, C4V, Boston Energy and Innovation, Eastman Kodak Group and C&D Assembly.

## Collaboration with Siemens

The collaboration, which has started with the Imperium3 project in New York, will be extended to all further projects, as well as to the Gigafactory in Townsville.

Siemens will play a major role in Digitalization & Automation of the next generation of lithium-ion battery plants, by using the unique Siemens digital enterprise portfolio.



Figure 1 – Signing Ceremony to fast track The Townsville Battery endorsed by Queensland Premier Anastacia Palaszczuk with representatives from Townsville City Council, Imperium3, Siemens and Celgard.

## Management Commentary

**QLD Premier, Anastacia Palaszczuk said:** “Queensland has long been the powerhouse of Australia.”

“Now as we move towards our 50% renewable energy target, storage solutions are a vital part of enhancing our natural strengths in renewable generation.”

“Storage is fundamental to making renewable energy reliable, and that’s why my Government has already committed more than \$3 million towards assessing the feasibility of this project.”

**Townsville Mayor, Jenny Hill said:** “This battery plant has the potential to transform Townsville and charge the city’s economy for decades to come.”

“It was great to meet the members involved in the US and to hear the plans first hand from the partners involved. We are throwing all resources required to help fast track the project.”

**Probuild Group Managing Director, Simon Gray said:** “The Townsville battery plant is unquestionably a significant project for the Northern Australian region. Probuild is excited to be involved in the delivery of this project that will underpin the smart technology hub.”

**Imperium3 Chairman, Dr Shailesh Upreti said:** “These are exciting times for Imperium3 with today’s ceremony along with the great progress being made in New York.”

“Prices of Nickel and Cobalt continue to rise which gives our technology a huge advantage in the marketplace and that is coming through with the large OEM’s that we are currently in discussions with.”

**Magnis Chairman, Frank Poullas, said:** “Today’s announcement is a significant milestone for Imperium3, as well as Magnis shareholders. We are pleased that the Queensland Government, as well as our new project partners measure this project at such high importance.

“We look forward to working alongside the government, as well as our new and existing project partners to ensure key deliverables are met in the most efficient manner possible.”

**Imperium3 Director, Corey Cooney said:** “Today marks yet another milestone that has been achieved for Imperium3. After months of negotiation with the Queensland government we will now be working toward securing stage 2 funding and completing our feasibility study. Our new strategic partners will be providing their expert knowledge to complete the feasibility study, fast track delivery and optimise an investment decision outcome”



Figure 2 – Government and Imperium3 representatives visiting Huron Campus

## Stage 2 Financing

Stage 2 financing discussions are currently underway with various members of local, state and federal government along with government funds, super funds and private groups.

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The Company advises that the feasibility study is seen as an essential requirement for this next stage of funding. The feasibility study is expected to be completed during the calendar year.

To date, there remains serious interest from parties for funding and involvement in ownership of the project and the Company looks forward to updating shareholders as these developments materialise.

## About Siemens

Siemens AG (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for 170 years. The company is active around the globe, focusing on the areas of electrification, automation and digitalisation.

One of the world's largest producers of energy-efficient, resource-saving technologies, Siemens is a leading supplier of efficient power generation and power transmission solutions and a pioneer in infrastructure solutions as well as automation, drive and software solutions for industry. The company is also a leading provider of medical imaging equipment such as computed tomography and magnetic resonance imaging systems and a leader in laboratory diagnostics as well as clinical IT.

In fiscal 2017, which ended on September 30, 2017, Siemens generated revenue of €83.0 billion and net income of €6.2 billion. At the end of September 2017, the company had around 377,000 employees worldwide. Further information is available on the Internet at [www.siemens.com](http://www.siemens.com).

## About Celgard LLC and Asahi Kasei

Celgard, LLC specialises in developing, manufacturing and marketing dry-process microporous membrane used as separator in various lithium-ion batteries that play a critical role in the performance, life and safety of lithium battery cells. Celgard® performance characteristics are especially suited to hybrid and electric vehicles.

Celgard is a wholly-owned subsidiary of Polypore International, LP, an Asahi Kasei Company. For more information, visit [www.celgard.com](http://www.celgard.com).

The Asahi Kasei Group is a diversified group of companies led by holding company Asahi Kasei Corp., with operations in the material, homes and health care business sectors. Its electronics operations include a broad range of high-performance energy/electronics materials such as the Hipore™ lithium-ion battery separator, photosensitive dry film used in the production of printed wiring boards, and photomask pellicles used in the production of LCD panels and semiconductors. With more than 30,000 employees around the world, the Asahi Kasei Group serves customers in more than 100 countries. For more information, visit [www.asahi-kasei.co.jp/asahi/en/](http://www.asahi-kasei.co.jp/asahi/en/).

## About Probuild

Probuild is regarded as one of Australia's largest and most experienced Tier 1 construction companies with an annual turnover of more than AUD\$2 billion. Probuild specialises in providing an end-to-end service across planning, project delivery, design and construction and management. The company has completed large scale projects across Australia in retail, entertainment, industrial, heavy industrial, commercial, residential, sports, leisure, educational and institutional sectors. Probuild also has a civil and infrastructure arm operating under WBHO.

## About Norman Young & Disney (NDY)

NDY is a Tetra Tech company that specialises in engineering excellence across a wide range of sectors and industries.

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Tetra Tech is a leading provider of consulting and engineering services. The company supports government and commercial clients by providing innovative solutions focused on water, environment, infrastructure, resource management, energy, and international development. With more than 17,000 associates worldwide, Tetra Tech's capabilities span the entire project life cycle.

## About Ausenco

Ausenco are a global company providing consulting, engineering, project delivery and asset operations, management and optimisation solutions to the minerals & metals, oil & gas and industrial sectors. Its global team is based across 26 offices in 14 countries and many project locations.

## About WT Partnership

WT Partnership are award-winning international cost management consultants, quantity surveyors, sustainability consultants, asset and building consultants, PPP advisors and facilities managers.

Expertise covers the building, construction and infrastructure sectors, as well as the management of facilities and the provision of consultancy services.

With over 1,200 employees and offices in Europe, Asia, India, North America, Central America, Australia and the Pacific, providing consultancy services for public and private sector clients.

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Refer to the following press release made by Townsville City Council

## MEDIA RELEASE

05 June 2018

### **Battery Plant powers ahead after signing**

Townsville is front and centre of the deal making at the world's largest biotechnology and innovation conference.

Townsville City Council and Imperium3 signed a high-level agreement to progress the lithium ion battery plant at the BIO Convention in Boston.

Premier Anastacia Palaszczuk witnessed the historic signing as part of her Government's trade delegation to the US and received a briefing on the latest developments with the project.

Mayor Jenny Hill said signing the agreement between Council and Imperium3 was the next crucial step to establishing the battery plant in Townsville.

"This battery plant has the potential to transform Townsville and charge the city's economy for decades to come," Cr Hill said.

"The battery plant project has generated huge interest already at the BIO Convention and Townsville is well and truly on the map for investors here.

"I'd like to thank the Premier for the invitation to the US to showcase our plans to turn Townsville into an advanced manufacturing hub."

Premier Anastacia Palaszczuk said battery technology was a natural extension of Queensland's transition to being a renewable energy powerhouse.

"Queensland has long been the powerhouse of Australia," the Premier said.

"Now as we move towards our 50% renewable energy target, storage solutions are a vital part of enhancing our natural strengths in renewable generation.

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“Storage is fundamental to making renewable energy reliable, and that’s why my Government has already committed more than \$3 million towards assessing the feasibility of this project.”

Imperium3 consortium consists of Magnis Resources Limited, C4V LLC New York and Boston Energy and Innovation.

The consortium will be a vertically integrated group of companies from mining to manufacturing delivering some of the world’s most technologically advanced batteries.

Imperium3 has submitted financial details to the Department of State Development as part of the Queensland Government’s approval process for \$3.1 million contribution to complete a feasibility study.

The battery plant will create up to 1000 direct jobs and position Townsville as a global leader in advanced manufacturing - and the project received significant interest from some of the world’s biggest investors at the BIO Convention.

The plant will be built at Woodstock after Townsville City Council last year, agreed to partner with the consortium and provide the land for the advanced manufacturing plant.