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Janus, Qube and OZ Minerals: Partnering for a Zero Emissions Future - Vision Electric

Adelaide, South Australia – Three Australian companies are partnering on an ambitious world’s first trial to use battery electric trucks for heavy haulage across the long distances and harsh terrains of the Australian outback. Janus Electric, Qube and OZ Minerals are working together towards a Vision Electric future by applying our shared ingenuity to tackle the challenge of emissions footprint reduction in the heavy transport and resources industries. This self-funded trial is at an early stage and will be phased over 12 months, beginning in the latter part of 2022.

On co-signing the Letter of Intent, Janus Electric General Manager, Lex Forsyth, said Janus Electric was looking forward to putting its revolutionary heavy vehicle exchangeable batteries through their paces.

“The Janus Electric vision is to use our breakthrough battery technology to create a 100% carbon zero solution for electrifying Australia’s road transport fleet.”

“Part of our mission is to work with companies that take a similar approach to innovation and renewable energy and our partnership with Qube and OZ Minerals to deliver *Vision Electric* signals our joint commitment to invest time and capital into delivering a carbon neutral transport network.”

“Vision Electric will see the world’s largest electric truck put through its paces over a 12-month trial under some of the harshest conditions in the world.”

Qube’s Director Bulk, Todd Emmert, said Qube is constantly evolving and that building a strategy that ensures a resilient and robust approach to sustainability is key for Qube’s long-term success.

“Vision Electric is a collaboration of technology and service for a challenging environment with currently limited alternate fuel solutions. The vision is to elevate current technology to meet the demand of a dynamic remote export supply chain and advance our respective pathway to decarbonisation.”

“Vision Electric is an exciting element to the next chapter of our pathway with OZ Minerals.”

OZ Minerals’ CEO & MD, Andrew Cole, said Vision Electric is an example of how the company is working with proponents from within and outside the mining industry to find better ways of doing things.

“OZ Minerals has aspirations to emit zero Scope 1 emissions and strive to systematically reduce Scope 2 & 3 emissions across our value chain; to work closely with our stakeholders to create mutual value by building each other's capability and capacity; and to deliver the activities along our value chain to enable our local stakeholder aspirations for generations to come.

This battery electric trial is one of the ways we are progressing towards these aspirations, and part of how we are bringing our Decarbonisation Roadmap to life.”

As part of this trial, a battery recharging and replacement station will be set up in South Australia at Port Augusta, approximately 300 kilometres from Adelaide. Construction of this station is estimated to start in May 2022 and be completed by early August 2022. Once ready, the station will be used as a battery change over pit stop for the battery electric truck. It is expected that the battery change over can be completed in the same time it takes for traditional refuelling.

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ABOUT JANUS ELECTRIC

Janus Electric Ltd is a non-listed public company utilising Australian engineering ingenuity to electrify Prime Movers across Australia for a zero emissions future. The Janus Electric technology is agnostic – it does not matter what brand of truck you have – Volvo Mack, Kenworth, Freightliner, etc – we are able to convert it to electric.

Janus Electric's exchangeable “Charge and Change Station” battery technology minimises down time for a truck to “re-energise”, provides flexibility of charge time and location, and enables our clients to have the most current technology, allowing them to travel further on a single charge. Utilising renewable energy, our Charge & Change Stations provide a three-way charging system – grid to battery, battery to battery and battery to grid. This enables storage of renewable energy which can be fed back into the grid creating a balanced energy source, which minimises surges and outages.

ABOUT QUBE

Qube Bulk is an operating division of Qube Holdings (ASX QUB), with the unit focused on the resources sector. Qube Bulk is motivated by providing mine to market and resupply solutions for a range of bulk commodities known as QIS (Quality Integrated Solutions) this is where we do our best work. We are encouraged to continuously challenge traditional practices and celebrate innovative, thought provoking development, which releases real value to our stakeholders.

Qube continues to be focused on building a sustainable business for the long-term. This means an organisation that not only benefits our customers and shareholders, but is committed to reducing our environmental impact and helping contribute to a better world.

ABOUT OZ MINERALS

At OZ Minerals we strive to be modern. We're guided by our purpose, "Going beyond what's possible to make lives better". We believe that only when we create value for all our stakeholders will we be successful and sustainable. Our framework of systems and behaviours we call The OZWay, guides us while giving us the freedom and pathways to achieve our aspirations and purpose. We are passionate about creating an inclusive culture where people challenge, innovate, learn and grow together. By ethically and responsibly exploring for and mining copper we contribute to a low carbon future and economic wellbeing which, in turn, helps us achieve our purpose and contribute to a better future.

Media Contacts:

Janus Electric

Lex Forsyth

General Manager
+61 408 455 474

lex@januselectric.com.au

Renaë Lulham

Executive Assistant/Marketing
+ 61 401 908 883
renae@januselectric.com.au

Qube

Mike Batchelar

National Business
Development Manager
+61437773747

Mike.Batchelar@qube.com.au

OZ Minerals

Sharon Lam

Group Manager Communications
+61 438 544 937

sharon.lam@ozminerals.com