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THE ENERGY TRANSITION IS HERE: AMPCONTROL JOINS ELECTRIC MINE CONSORTIUM TO POWER FUTURE OF MINING

- Ampcontrol joins growing group of leading mining and service companies to electrify the mining industry
- Ampcontrol joins 22 companies mobilising over 40 equipment trials in 15 different locations around the world
- Electrification will provide economic, health and environmental benefit to the mining industry
- Ampcontrol will join Electric Mine Consortium (EMC) at Energy and Mines Australia Summit in Perth WA, 6-7 September 2022

Ampcontrol has joined the Electric Mine Consortium (EMC) to drive efforts towards electrifying and decarbonising the mining industry.

The EMC is a growing group of highly regarded mining and service companies, driven by the imperative to produce zero-emission products for their customers and meet mounting investor expectations and industry challenges.

Ampcontrol is strengthening its strategic focus on decarbonisation through the innovation and development of electrical solutions, adapting to the changing times.

“Joining the Electric Mine Consortium is a natural progression of our commitment to supporting our customers and industry through the national energy transition. Ampcontrol is at the forefront of renewable energy manufacturing. We engineer and supply advanced technology, products, and services to enable a competitive advantage in a net-zero carbon environment,” says **Rod Henderson, Ampcontrol Managing Director & CEO**.

EMC Founder and Director Graeme Stanway said, “the way we generate, store and harness energy around the globe is undergoing a period of major change.”

“A global ecosystem has begun to emerge to underpin the innovation and scaling of electrification technologies.”

As well as pioneering products in the renewable energy space, Ampcontrol has been using its engineering expertise to already assist with the transitioning mining industry. Alongside Tritium, Ampcontrol was a winner in the global ‘Charge On Innovation Challenge’ in May 2022.

The joint submission was an end-to-end mining haul truck battery swap solution that is fully automated, relocatable, scalable, and cell agnostic. In a drive-in/drive-out recharging station, an autonomous transfer robot swaps batteries in 90 seconds, significantly reducing safety risks and increasing productivity by excluding personnel from the swaps process.

“One of the areas Ampcontrol identified as a need of the industry was assisting businesses with the next steps to get to the future state of electrified mining operations. When businesses think ‘I need energy’ to perform certain functions, the first instinct is often to acquire more energy. Our expertise at Ampcontrol is to help businesses use the materials they already have available, in a different way,” says Mr Henderson.

Ampcontrol recognises the importance of partnerships and collaboration in developing technology solutions to enable a competitive advantage in a net-zero carbon environment.

“It is important to demonstrate we work alongside other businesses to contribute to the low carbon economy transition and to the responsible sourcing of prime materials to enable a competitive advantage in a net-zero carbon environment,” says Mr Henderson.

The Electric Mine Consortium (EMC) has launched a call out to companies in the tech, renewable and manufacturing industries that can provide ground-breaking solutions to long haul EV trucks and associated charging infrastructure for mine sites and global supply chains.

Driven by collective demand for electric equipment across the EMC’s operating sites, spread over six continents, the consortium is looking to form synergies between mining and non-mining industries to accelerate decarbonisation solutions across the industry – the mining industry currently contributes 8% of the globe’s emissions.

Ampcontrol joins over 20 miners and suppliers to the sector that includes Newcrest, South32, Barminto and Epiroc to create the Electric Mine Consortium with the ambition to accelerate progress towards the fully electrified zero CO₂ and zero particulates mine.

Ampcontrol will join EMC and its members at the Energy and Mines Australia Summit on 6-7 September 2022, at The Westin Perth, WA. Warwick Sommer, Ampcontrol Executive General Manager – Innovation & Service and Tim Wylie, Ampcontrol Chief Technology Officer will be available to talk to businesses aiming to benefit from low-cost, low-carbon energy and mobility solutions for their operations and processes.

Ends.

Ampcontrol is Australia's largest privately-owned electrical engineering company leading advanced global manufacturing of award-winning innovations, products, solutions and service to the resources, infrastructure and energy sectors. Founded in Newcastle NSW in 1968, Ampcontrol has grown to over 950 employees across 30 operations worldwide.

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About Ampcontrol

- Ampcontrol is Australia's largest privately-owned electrical engineering company leading advanced global manufacturing of award-winning innovations, products, solutions and service to the resources, infrastructure and energy sectors.
- From humble beginnings founded by four friends in a small shed in Newcastle in 1968, Ampcontrol has grown to over 850 employees across 30 operations worldwide.
- Ampcontrol co-founder, Peter Cockbain AM, is named by Engineers Australia as one of Australia's top 100 influential engineers and in 2015 he became a Member of the Order for Australia for his significant services to engineering.
- Locations include New South Wales, Queensland, Victoria, South Australia, Western Australia, Northern Territory, ACT, Asia, India, Mongolia, UK, and France.
- Consists of 6 member companies; Ampcontrol, Captech, CPS National, ResTech, Verico Group, and Austech.
- The largest operation is located in the Hunter, NSW, with a combined manufacturing space totalling over 21,000sqm spread over 10 different sites.
- Designed and built lifesaving emergency ventilator prototypes for the NSW Government in response to the COVID-19 pandemic.
- Developed the world's first IECEx certification for an explosion protected, hermetically sealed, nitrogen filled and pressurised mining transformer.
- Developed the industry's first 132kV emergency response mobile substation that has received RTA approval as a new special class type of vehicle due to its innovative design and ability to meet all road safety requirements.
- Developed Australia's first variable speed drive (VSD) installed on a longwall armored face conveyor in Moranbah North Longwall.
- Designed and developed a breakthrough remote water treatment system that transforms undrinkable water into pure water. Pilot project currently installed in a remote indigenous community in Gillen Bore, Northern Territory.

MULTI-AWARD WINNING ENGINEERING, DESIGN, AND INNOVATION

- 2021 Good Design Award for Excellence In Engineering Design (Solar Qube)
- 2021 Hunter Manufacturing Award for 'Excellence In Product Design' (Solar Qube)
- 2021 Hunter Manufacturing Award for 'Collaboration Partnership' (Hybrid Diesel Electric Boat)
- 2020 Hunter Business Award for Excellence In Innovation & Adaptability for 'Emergency Ventilator Project'
- 2020 Hunter Manufacturing Award for Collaboration Partnership for 'Emergency Ventilator Project'
- 2020 Hunter Manufacturing Award for Manufacturing Pivot for 'Emergency Ventilator Project'
- 2020 Lake Macquarie Business Excellence In Innovation for 'Emergency Ventilator Project'
- 2020 Consult Australia Awards for Excellence for Technological Innovation for 'Gilghi'
- 2020 [Institution of Civil Engineers](#) Chris Binnie Award for Sustainable Water Management for 'Gilghi'
- 2020 Engineering Excellence Award Newcastle Division for 'Gilghi'
- 2020 Good Design Award winner for Social Impact for 'Gilghi'
- 2020 NSW Mining Supplier of the Year
- 2020 Australian Water Association NSW Water Infrastructure Project Innovation Award for 'Gilghi'
- 2019 Hunter Business Excellence Award for Innovation' Gilghi'
- 2019 Good Design Award winner for Product Design – Commercial and Industrial for 'Rockstarter'
- 2019 Good Design Award winner for Engineering Design for 'Rockstarter'
- 2019 Scottish Engineering Awards – President's Award winner
- 2019 Lake Macquarie Business Excellence Award for Innovation for 'Gilghi'
- 2019 Mine Electrical Safety Conference Innovation Award for AFC VSD Moranbah North Longwall Project
- 2018 HunterNet Chairman Awards Excellence In Work Health Safety
- 2018 Hunter Business Awards Excellence In Business (20+ employees)
- 2018 NSW Minerals Council Outstanding Supplier for 'H3RO'
- 2017 Hunter Manufacturing Awards Excellence In Product Design for 'VoiceComm Phone'
- 2015 Engineers Australia Newcastle Engineering Excellence Award for 'Arc Fault Venting – Simulation and Practice'
- 2013 Australian Engineering Excellence Award winner for Engineering Innovation' Management of VSD earth leakage currents in fault limited networks'
- 2010 Australian Engineering Excellence Award winner for Engineering Excellence' Blakefield South 11kV longwall in partnership with Xstrata Coal and Joy Global'
- 1998 Australian Engineering Excellence Award winner for Engineering Excellence 'iMAC'