

22 October 2015

Company Announcements Office  
Australian Securities Exchange

### **ACCELERATED ADOPTION OF AERIS SOLUTIONS IN THE AUSTRALIAN MARKET**

- **All SmartENERGY installations to-date are meeting or have exceeded Aeris' projected energy and system efficiency benchmarks.**
- **Lismore Workers Club achieves a KVA (demand) saving of 36% and a KWH (consumption) saving of 34% annually off a large HVAC chiller.**
- **Breakthrough surface mould, air-conditioning coil and duct success at Pacific Fair, allowing remediation, rather than replacement, of core assets.**
- **Chiller coil corrosion protection project for the Melbourne Fire Brigade, allowing extended asset life.**

#### **SmartENERGY for Lismore Workers Club**

Aeris Environmental Ltd (ASX:AEI) is pleased to announce that the installation of SmartENERGY on a large heating, ventilation, air-conditioning and refrigeration (HVAC) chiller at high-profile Lismore Workers Club, which alongside the material improvements in indoor air quality, system efficiency and validated carbon reduction, has provided the client with a highly-attractive return on investment.

Lismore Workers Club, situated in Northern NSW, installed SmartENERGY on a 132kW multi-power chiller in July 2015. Real time energy monitoring, carried out under the IPMPV International Protocol, showed a KVA (demand) saving of 36% and a KWH (consumption) saving of 34%, together leading to combined chiller savings of 18%. General Manager Steve Bortolin said, "the results speak for themselves. I am more than impressed with what has been achieved."

In Australia there are approximately 6,500 community clubs located across metropolitan, regional and remote areas. The Australian club industry is made up of bowling clubs (24%), sporting and recreation clubs (24%), golf clubs (17%), RSL clubs (15%), community and workers' clubs (4%), and cultural and religious clubs (4%).

#### **AerisGuard HVAC and Surface Mould Remediation and Prevention for Pacific Fair**

Aeris has recently provided multiple products to The Boongalla Group (Boongalla), who was engaged by Built Holdings, a leading Australian construction manager, as part of the transformation of Pacific Fair Shopping Centre into a world-class shopping destination, with a major \$670 million redevelopment that commenced in January 2014. This investment will create the largest shopping centre in Queensland and the fourth largest in Australia.

Boongalla is an Australian company that was established in Melbourne in 2003. It has been providing specialised cleaning, remediation and filtration to the HVAC industry, with core strengths in healthcare, education and insurance recovery.

Aeris' surface treatment, duct coating and air-conditioning range was used in the large-scale, complete remediation of mould and microbe contamination in the previously-unused cinema complex within the shopping centre. This complete AerisGuard systems approach delivered a highly-successful outcome, not previously possible with conventional chemicals, all within the context of Aeris' 'clean, green, protect' technologies.

In addition to the hard surfaces, Boongalla was able to treat and protect the air-conditioning components, casings, coils and ductwork. Using a combination of the Aeris remediation products and duct coatings, Boongalla not only saved, but also protected, the assets, avoiding the demolition and replacement of the duct lining and insulation. The project also included the treatment of over 320 linear metres of ducting.

Richard Abel, Managing Director and Founder of Boongalla, stated, "Aeris is the only company that has the complete range of decontamination products that fit together like a package solution. The surface cleaners, the treatment, the duct coating, coil cleaner and coil protectant gave us comfort that the job was done properly. With heritage in the medical field, and its proven leadership in the safe removal and long-term protection of microbe growth, the Aeris range of products work together beautifully, and gives us a total package solution. The coil cleaner was incredibly effective in the remediation of multiple surfaces as well."

### **AerisGuard Corrosion Protection for the Melbourne Fire Brigade**

Boongalla was contracted to provide a solution for the Melbourne Fire Brigade through its mechanical services contractor to offer advice on its six-year-old main chiller. After inspection, it was discovered that there were signs of corrosion on the three coils. Boongalla was able to remediate and then protect the coil using AerisGuard anti-corrosion coil treatment, effectively extending the asset life by five years. Left unchecked, the coils would have needed replacement within 12 months at an estimated cost of \$80,000.

While on site, the two-year-old standby chiller was also inspected and the coils were already beyond repair. Boongalla is currently installing new coils and the client has specified the Aeris corrosion protection after installation. In combination with a scheduled maintenance programme, the client can expect at least a further five years of life from the coils, and can anticipate that coil corrosion will not be a further issue for the plant.

Richard Abel also said, "Boongalla uses and recommends the Aeris anti-corrosion product not only because they work. The unique, true Ph-neutral status protects our company from future liability of coil damage. The Aeris products are eco-friendly, which, whilst great from an OH&S point of view, also enable us to provide a low, or no-risk, range of products on site. This is all within the context of superior performance and long-last protection, with outstanding validation and documentation – that is a big deal for our clients and contractors. Not only are we protecting our customers' assets, but we are protecting our business as well."

Leveraging these recent successes, Aeris is scaling its patented solution-driven activities into priority sectors such as 'big box' retail, hospitality, cold storage, healthcare, commercial shopping centres, aged care and an increasing focus on larger commercial buildings.

Following a number of trips to the Asia Pacific region by key Aeris staff members, the Company anticipates updating the market shortly on further landmark customers and additional strategic partners, providing significant local expertise together with the resources to undertake broad-reaching and large-scale projects.

### **Aeris Environmental Ltd**

**Peter Bush**  
Chief Executive Officer

**About Aeris Environmental Ltd**

Aeris Environmental Ltd is focussed on the global megatrends of energy efficiency, healthier air, food safety, water quality and long-term materials protection, with core guiding principles of 'clean, green, protect'.

SmartENERGY is a proprietary system that provides dramatic and proven energy savings in the range of 19% to 33%, alongside documented improvement in system efficiency (54% to 289% improvement in airflow and up to 40% in coil efficiency) and independently-validated indoor air quality across all air-conditioning and refrigeration systems, with proven immediate cash flow savings.

Smart Coatings provide long-term prevention of mould, bacteria growth, corrosion and improved hygiene with OEM, consumer and technical applications.