



**Sprintex Limited**  
ABN: 38 106 337 599

**ASX: SIX**

**ASX RELEASE**

**7 March 2022**

## **Sprintex Commissioned to Design Innovative New e-Compressors**

### **Highlights:**

- **Sprintex wins design work for innovative new e-compressors**
- **Two new design programs to commence immediately**
- **Aeristech to pay Sprintex for the 2 design programs**
- **Collaboration for future volume production under negotiations**

Sprintex Limited (ASX: SIX) (**Sprintex** or the **Company**) is pleased to advise that its technology partner Aeristech Limited, a prominent developer of high speed and high power-density electric motor technology, has commissioned Sprintex's e-Compressor division to design two innovative new electric compressors.

### **Ultra-high speed 4kW two stage e-Compressor**

Sprintex will design a 160,000rpm ultra-high speed two stage e-Compressor capable of high-pressure output for advanced fuel cell applications. The 4kW air compressor will enable a denser oxygen-rich air feed to the cell stack, offering higher overall efficiency for a fuel cell than is achievable from current fuel cell technology.

### **Ultra-speed HVAC refrigerant compressor**

The second program is to design an ultra-speed HVAC (Heating Ventilation & Air Condition) refrigerant compressor, suitable for varied domestic and industrial heat pump applications, but also intended for battery, motor and system cooling as well as cabin airconditioning in electric vehicles.

The unit will be approximately 8kw of input power, producing up to 35kW of heating capacity.

### **Contract terms**

Aeristech will pay Sprintex NRE (non-recurrent engineering) fees and initial tooling development cost of RMB524,000 (~A\$112,000) for the two design programs, with a 50% deposit payable prior to commencement.

Design and validation work for both programs are expected to commence immediately and be completed within 12 weeks.

Collaboration for future volume production is under negotiation between Sprintex and Aeristech. The two companies have discussed Sprintex supplying Aeristech the developed e-Compressor.

### **Managing Director's comments**

Commenting on the development Jay Upton, Sprintex Limited Managing Director, said "We are proud to be chosen for this development by Aeristech Limited, who are currently considered a world leader in e-Compressor and electric motor technology.

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"I'm excited to have our team recognised in this current rapidly advancing market segment, as a competent energy technology design and development provider."

*This ASX announcement was authorised for release by the Board of Sprintex Limited.*

#### **For further information**

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#### **About Sprintex**

Sprintex is a clean air compressor engineering, research, product development and manufacturing company, incorporated in Australia in 2003. Sprintex designs and manufactures electric and mechanically driven clean air compressors for use in a wide variety of applications, including:

- combustion engines where Sprintex sells Sprintex® twin screw superchargers, and supercharger systems incorporating the Sprintex® twin screw supercharger, in the automotive aftermarket and original equipment manufacturer (OEM) market in Australia, Asia, Africa, the Middle East and the United States of America;
- hydrogen fuel cells, which require a constant flow of oxygen rich air; and
- industrial oil-free clean air applications, including wastewater treatment.

#### **Forward Looking Statements**

Statements regarding plans with respect to the Sprintex projects and products are forward looking statements. There can be no assurance that the Sprintex plans for its projects or products will proceed as expected and there can be no assurance of future sales.