



SOR Update on Innovation Focus and Progress

Western Australia - November 26th 2020 - Strategic Elements Ltd (ASX:SOR) is pleased to provide an update on its current sector focus for further innovation opportunities and progress on the printable battery and neuromorphic memory technologies milestones.

Self-Charging Battery Charging

The Company and the University of New South Wales (UNSW) commenced finalising the scale up of the Battery Ink technology to a volume of 1 litre this week. Intellectual Property gained through development of the Company's printable memory ink technology has enabled the Company and UNSW to **significantly** enhance development speed. **Results remain on track to be available in November 2020.**

The self-charging battery technology is being developed under a collaboration with the University of New South Wales and CSIRO partially funded by the Federal Government¹. The Battery cells generate electricity from humidity in the air or skin surface to self-charge themselves within minutes. No manual charging or wired power is required. They are created with a printable ink and are ideally suited for use in Internet of Things (IOT) devices. Strong potential competitive advantages exist over lithium based batteries that suffer from flexibility, dimension, weight and safety issues whilst needing a constant power supply or to be recharged. The global battery market for IOT was worth USD 8.7 billion in 2009 and forecast to be USD 15.9 billion in 2025².

Printable Neuromorphic Memory Potential

The Company has also commenced testing the Nanocube Memory for its potential in printable brain-inspired (neuromorphic) computing. The Nanocube Memory structure and operation allows it to combine computing and memory in one place in a way similar to how biological neurons operate. A series of significant synaptic functions will be emulated. **Results remain on track and are expected to be available in December 2020.**

Other Strategic Elements Activities

The Company previously announced³ that in addition to these activities above that it is seeking further acquisitions in Australian innovation. The Australian Federal Government has registered Strategic Elements as a Pooled Development Fund with a mandate to back Australian innovation. The Company generates high risk-high reward ventures from combining teams of leading Australian scientists or innovators. To provide further guidance, the Company is currently focused on opportunities that leverage the enormous increase in the amount of data being created and consumed across government, consumer and business sectors. According to IDC⁴ "The amount of data created over the next three years will be more than the data created over the past 30 years". **To date no agreement has been entered into and the Company will update the market when appropriate.**

Strategic Elements Background

- Investors in SOR potentially **pay no tax on capital gains from selling their SOR shares** as the Company operates under a Federal Government program setup to encourage investment into innovation.
- Strategic Elements operates as a 'venture builder' where it generates high risk-high reward ventures and projects from combining teams of leading scientists or innovators in the technology or resources sectors.
- The Company is listed on the ASX under the code "SOR". More information on the Pooled Development Program should be read on the Company's website at www.strategicelements.com.au

For Company Information: Mr Charles Murphy, Managing Director Phone: +61 8 9278 2788
admin@strategicelements.com.au www.strategicelements.com.au

This announcement was authorised for release by Strategic Elements' Board of Directors.

¹ ASX Announcement on 30/10/2020.

² <https://www.marketsandmarkets.com/Market-Reports/battery-iot-market-153084557.html>

³ ASX Announcement 2/11/20

⁴ <https://www.idc.com/getdoc.jsp?containerId=prUS46286020>