

Strategic Elements Ltd

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Strategic Elements shares rise on improving Nanocube Memory Ink technology

Strategic Elements Ltd (ASX:SOR) has achieved significant technical improvements in the Nanocube Memory Ink technology being developed with the University of New South Wales (UNSW).

All advancements are being incorporated into the transparent demonstrator due in the third quarter of 2019.

Printing electronic inks onto plastic

Development of an advanced memory ink for printing onto plastic materials was significantly advanced over a number of months and resulted in new fabrication methods for Nanocube Memory Ink and its use on plastics.

Strategic Elements has filed a patent to protect the IP (intellectual property) generated from this work.

The capability to print electronics onto plastic materials is a key commercial goal for the printed electronics industry as plastic is cheap, flexible and able to be used in industrial scale electronic printers.

The patent filing is targeted at solving a critical issue in printing electronic inks onto plastic materials.

Recent development also included work funded by the Australian Federal Government (Research Connections Program).

READ: Strategic Elements backs new CSIRO testing code to fast-track Nanocube development

The team consisted of scientists from the Commonwealth Scientific and Industrial Research Organisation (CSIRO) at the Flexible Electronics Laboratory in Victoria and researchers from the University of New South Wales (UNSW).

The team significantly optimised the Nanocube Memory Ink for use on glass surfaces enhancing its potential for use in transparent electronics.

Strategic Elements is also collaborating with leading Printed Electronics developers at VTT (Finland) to fabricate the optimised Nanocube Memory Ink onto advanced printed electronics glass materials.

Transparent demonstrator due in 3Q 2019

A transparent electronics demonstrator is currently being developed in conjunction with a leading Australian electronics product design company.

Price: 0.07

Market Cap: \$20.05 m

1 Year Share Price Graph



Share Information

Code: SOR

Listing: ASX

52 week High Low
0.094 0.033

Sector: Investments and investor services

Website: www.strategicelements.com.au

Company Synopsis:

Strategic Elements Ltd (ASX:SOR) is registered under the Pooled Development Program run by the Australian Federal Government to encourage investment into SME's.

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The demonstrator is focused on showcasing the ability to print memory cells onto glass and the transparent nature of the ink.

The modified Nanocube Memory Ink glass memory device fabricated at VTT Finland will be incorporated into the electronic device being manufactured in Australia.

The transparent demonstrator is due in the third quarter of 2019.

READ: Strategic Elements continues to advance dual focus on IoT and resources

Strategic Elements managing director Charles Murphy said: "We have assembled a fantastic team of scientists and electronic engineers who have overcome many development challenges to date.

"It's an ambitious goal, but the success so far and size of the potential prize is energizing the whole team".

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