

GRAPHENE MEMBRANE MANUFACTURING MACHINE COMMISSIONED

Strategic Energy Resources Limited (ASX: SER), through our wholly owned subsidiary, Ionic Industries, together with Monash University, under our Australian Research Council Linkage grant (ARC Linkage), are pleased to announce we have taken receipt of the membrane casting equipment for our graphene membrane technology. This membrane casting facility will be used for our research project titled: 'Green Manufacturing of Graphene from Indigenous Natural Graphite and Graphene-based Nanofiltration Membranes'.

This is a very important step in our development of a roll-to-roll process for manufacturing high performance graphene membrane, which will potentially have multiple uses in the mining and food processing industries. Monash University has filed an invention disclosure to protect the intellectual property (IP) developed in this technology, while Ionic will have exclusive rights to use the IP for commercialisation.



Dr. Mainak Majumder in the Monash Lab standing beside the graphene membrane printer.

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Board of Directors:

Glenister Lamont (Non-Exec Chairman)
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Peter Armitage (Non-Exec Director)

Chief Executive Officer:

Mark Muzzin

Company Secretary:

Melanie Leydin

Securities on Issue:

348,622,501 fully paid ordinary shares

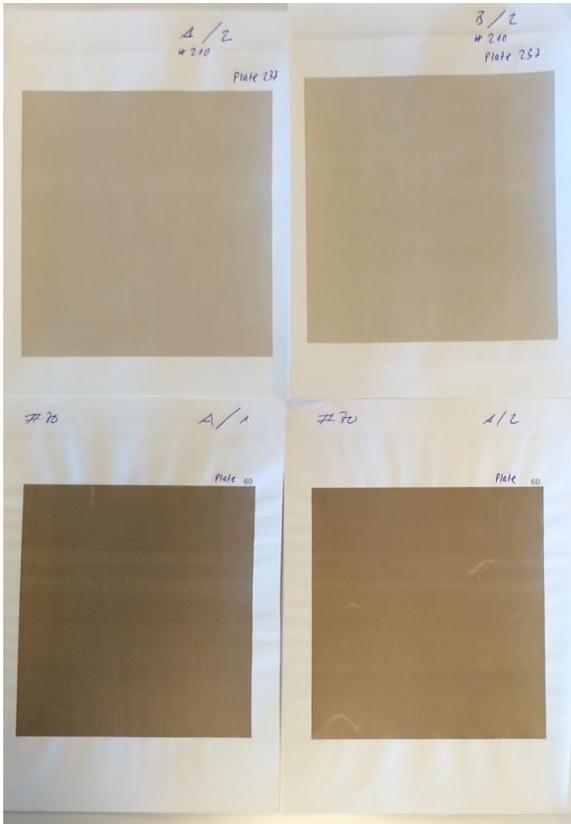
27,000,000 unlisted options

Website:

www.strategicenergy.com.au

“Dr Majumder, the head of the Monash team, has recently returned from a conference in Europe where he presented his team’s work on graphene membranes. By all accounts the world is watching his research. Our team is doing really exciting research on graphene membranes and we look forward to presenting our findings in due course” said Ionic Industries Managing Director Mark Muzzin. “We are making excellent progress towards our goal of commercialising the projects under development by the team”, Mr Muzzin went on to say.

He explained the new equipment will enable our researchers to tailor the number of sheets of graphene that can be applied to the membrane substrate for specific purposes. The chemistry of the graphene oxide can also be altered to target whatever impurity or precious metals we seek to filter. The other key benefit is being able to maintain consistency between the batches of membranes produced.



These are samples of our graphene thin film membranes.

Darker shades indicate a greater number of layers of graphene.

For further information or enquiries, please contact:

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