



Annual General Meeting - Update Report

November 2020

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Strategy



We have continued with our collaboration based strategy, focusing on the formation of strategic partnerships with industry leading companies who have the expertise to incorporate our graphene-based technologies into commercial products.



- ⬡ Building on our partnerships and technology over 9 years and \$3.4 million in R&D funding, Ionic is now one of the first companies to demonstrate large scale, commercially viable application of graphene technologies
- ⬡ Collaboration model reduces technology validation risks and accelerates paths to market, thereby reducing uncertainty and business risks
- ⬡ Portfolio approach to technologies and applications mitigates the risk of reliance on a single technology and expands market potential

Impact of COVID-19



In general, 2020 has seen significant interruptions to almost all businesses and industries.

- Ionic has experienced some delays due to investor appetite and loss of access to critical laboratory resources
- Despite this, we have survived through a range of initiatives and even made some significant progress on our research and development work:
 - Negotiated some relief on debt deadlines
 - Continued research work on shift-work basis in line with COVID-safe guidelines
 - Settlement of debt, including Directors and consultants fees, with equity
 - Leveraged our R&D tax refund to establish a line of credit
 - Taken some further investment from existing shareholders
 - Received funding from AMGC which has contributed to progressing our scale up work

Research Progress



Despite delays due to COVID-19, we have made some good progress on our research and commercialisation objectives:

- ◆ Progress our collaboration with Jianghai to gain deeper understanding of industry requirements and ensure that we are aiming for performance specifications that are meaningful and valuable to industry players
- ◆ Continued improving the performance and manufacturability of our materials:
 - ◆ Decreasing the ESR of materials
 - ◆ Improving the volumetric energy density – now approaching nearly double that of activated carbon benchmarks
 - ◆ Simplified manufacturing by rationalising processes and reducing the time requirements for specific steps
- ◆ Made significant progress on scale up planning, including feasibility analysis for large scale manufacturing of our materials and developing plans for pilot scale manufacturing.

Next Steps



Having made significant progress on several fronts over the last 12 months, we have a number of near term steps on our path to commercialising our supercapacitor technologies:

- ◆ Dispatch sample electrode material to existing partners and collaborators
- ◆ Approach other potential partners and collaborators
- ◆ Finalise current round of pre-IPO capital raising
- ◆ Continue plans for scaled up manufacturing of electrode materials
- ◆ Establishment of our own bench-scale laboratory facilities
- ◆ Progress commercial negotiations with industry partners in either supercapacitor industry or end-user applications



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Thank You

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