

## **HAZER PARTNERS WITH THE INNOVATIVE MANUFACTURING CRC AND SECURES \$800,000 FUNDING FOR GRAPHITE ACM R&D PROGRAM**

**PERTH, AUSTRALIA; 29 OCTOBER 2019:** Hazer Group (ASX: HZR) (**Hazer** or the **Company**) is pleased to announce that it has partnered with the Innovative Manufacturing CRC (IMCRC) to progress its research in advanced carbon materials (ACM) applications.

IMCRC is a not-for-profit, independent cooperative research centre that helps Australian companies increase their global relevance through research-led innovation in manufacturing products, processes and services.

Hazer has been awarded matching IMCRC funding of \$800,000 to support its ongoing successful research and development (R&D) collaboration with the University of Sydney's School of Chemical and Biomolecular Engineering.

Over the next two years, researchers will be investigating the use of graphite ACM derived from Hazer's novel manufacturing process - the Hazer Process, focusing on applications including Li-ion batteries, water purification, and additives for lubrication products. Previous R&D projects have indicated promising results in these three product sectors, as well as potential to be used as an additive in advanced building materials and cement.

"This program will study and further develop our knowledge of the processes and conditions needed to produce high value graphite ACM including the processing and upgrading of such materials into high-value finished products." said Hazer Chief Technical Officer and co-founder Dr Andrew Cornejo.

The project will optimise and test ACMs at both laboratory and pilot plant scale in collaboration with specialist carbon processors and users, to identify and secure a range of markets for graphite ACM produced from future industrial sized Hazer plants," added Dr. Cornejo

Hazer Managing Director, Mr Geoff Ward said, "We are delighted to have partnered with the IMCRC and to have secured their support for our R&D program with the University of Sydney. CRCs are an important part of the Australian industry and research landscape, contributing significantly to industrial development in Australia. This enhanced collaboration platform will provide us with greater access to scientific and industrial resources, while reducing costs, as we further develop of the Hazer Process and Hazer graphite ACMs."

Professor Yuan Chen from the School of Chemical and Biomolecular Engineering at the University of Sydney said, "Our research team has been working with Hazer on several research projects for the last two years. Our cooperation has delivered useful research outcomes, which have played an essential role in securing this new funding from IMCRC. This project is an excellent opportunity to convert the currently unutilised carbon materials produced in the Hazer process into high-value carbon products."

David Chuter, CEO and Managing Director of the IMCRC highlighted, "advanced materials, particularly advanced carbon and carbon composites that can deliver significant advantages over more traditional materials such as steel and aluminium, are key technology enablers for Australian manufacturers."

**[ENDS]**

## Forward Looking Statements

This announcement may contain certain “forward looking statements” which may not have been based solely on historical facts, but rather are based on the Company’s current expectations about future events and results.

Where the Company expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis. However, forward looking statements are subject to risks, uncertainties, assumptions and other factors, which could cause actual results to differ materially to futures results expressed, projected or implied by such forward looking statements.

The Company does not undertake any obligation to release publicly any revisions to any “forward looking statements” to reflect events or circumstances after the date of this announcement, or to reflect the occurrence of unanticipated events, except as may be required under the applicable securities laws.

## ABOUT HAZER GROUP LTD

Hazer Group Limited (“Hazer” or “The Company”) is an ASX-listed technology development company undertaking the commercialisation of the Hazer Process, a low-emission hydrogen and graphite production process. The Hazer Process enables the effective conversion of natural gas and similar methane feedstocks, into hydrogen and high quality graphite, using iron ore as a process catalyst.

### About IMCRC

The IMCRC has a vision for Australian manufacturing to be thriving, relevant and globally integrated. As a not-for-profit, independent cooperative research centre, the IMCRC helps Australian companies increase their relevance through collaborative, market-driven research in manufacturing business models, products, processes, and services. More at [www.imcrc.org](http://www.imcrc.org)

### About Sydney University School of Chemical and Biomolecular Engineering:

The University of Sydney School of Chemical and Biomolecular Engineering specialises in carbon nanomaterials, such as carbon nanotubes, graphene, porous nanocarbon, and carbon nanofibers. We develop scalable processes to synthesize and functionalise carbon nanomaterials with well-defined atomic structures, and assemble nanoscale nanomaterials into functional macroscale structures, and use these novel materials for sustainable energy and environmental applications, such as supercapacitors, Zn-air batteries, electrocatalysts for water splitting and fuel cells, membranes for water treatment, and antibacterial coatings.

For further information or investor enquiries, please contact:

#### Geoff Ward

Email: [contact@hazergroup.com.au](mailto:contact@hazergroup.com.au)

Phone: +61 8 6230 2259

For media enquiries, please contact:

#### Nathaniel Bradford

Email: [nbradford@we-buchan.com](mailto:nbradford@we-buchan.com)

Phone: +61 437 812 102

## Hazer Group Limited - Social Media Policy

Hazer Group Limited is committed to communicating with the investment community through all available channels. Whilst ASX remains the prime channel for market sensitive news, investors and other interested parties are encouraged to follow Hazer on Twitter (@hazergroupltd), LinkedIn, Google+ and YouTube.

Subscribe to HAZER NEWS ALERTS - visit our website at [www.hazergroup.com.au](http://www.hazergroup.com.au) and subscribe to receive HAZER NEWS ALERTS, our email alert service. HAZER NEWS ALERTS is the fastest way to receive breaking news about @hazergroupltd.

