

## CDP REACTOR SUCCESSFULLY COMMISSIONED PAVING WAY FOR FIRST HYDROGEN EARLY Q1 2024

### Highlights

- Reactor successfully commissioned to full operating temperature and pressure
- CDP ready to receive feed gas with first hydrogen production targeted for early Q1 CY2024
- CDP performance test program building towards continuous operation in H1 CY2024

**PERTH, AUSTRALIA; 21 December 2023:** Hazer Group Ltd ("Hazer" or "the Company") (ASX: HZR) is pleased to announce that the reactor has been successfully hot commissioned and the Company's Commercial Demonstration Plant ("CDP") is being prepared for operational start-up and hydrogen production. The CDP is a world-first commercial demonstration of Hazer's technology, converting natural gas into clean, low-cost hydrogen and solid graphite using iron-ore as a process catalyst.

The successful commissioning of the reactor and furnace equipment to full operating conditions is a significant milestone that de-risks plant start-up by providing confidence in the equipment selection for demonstration at commercial scale. With the balance of plant already successfully commissioned, the schedule is progressing exceptionally well.

As previously announced (21 November 2023), the CDP will use the planned shutdown over Christmas/New Year to cool the reactor and allow the first solids charge to be installed in the vessel. Final instrumentation checks will be also performed to prepare the plant for the safe introduction of feed gas targeted during January 2024. The plant will then be phased into start-up with subsequent production of hydrogen and graphite early Q1/2024 followed by continuous operation to occur through Q1/Q2 CY2024. Details of the CDP performance testing program will be provided following start-up with data from the program to be leveraged into Hazer's global commercial project portfolio.

**Hazer's MD & CEO Glenn Corrie said,** "We are pleased to successfully reach the key milestone of commissioning our reactor to operating conditions and passing a major hurdle in demonstration of our innovative technology. The reactor is at the core of delivering our process technology and having it now ready for operation is a significant de-risking event for our CDP and technology commercialisation strategy. I look forward to providing an update that first production of hydrogen and Hazer graphite has been achieved and more importantly providing the results of our test program to validate commercial readiness".



*Control panel operator monitoring reactor heat up from the CDP control room*

This announcement is authorised for release by the Board of the Company.

**[ENDS]**

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**ABOUT HAZER GROUP LTD**

Hazer Group is an Australian technology company, driving global decarbonisation efforts with the commercialisation of the company's disruptive world-leading climate-tech. Hazer's advanced technology enables the production of clean and economically competitive hydrogen and high-quality graphite, using a natural gas (or biogas) feedstock and iron-ore as the process catalyst.

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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.

