

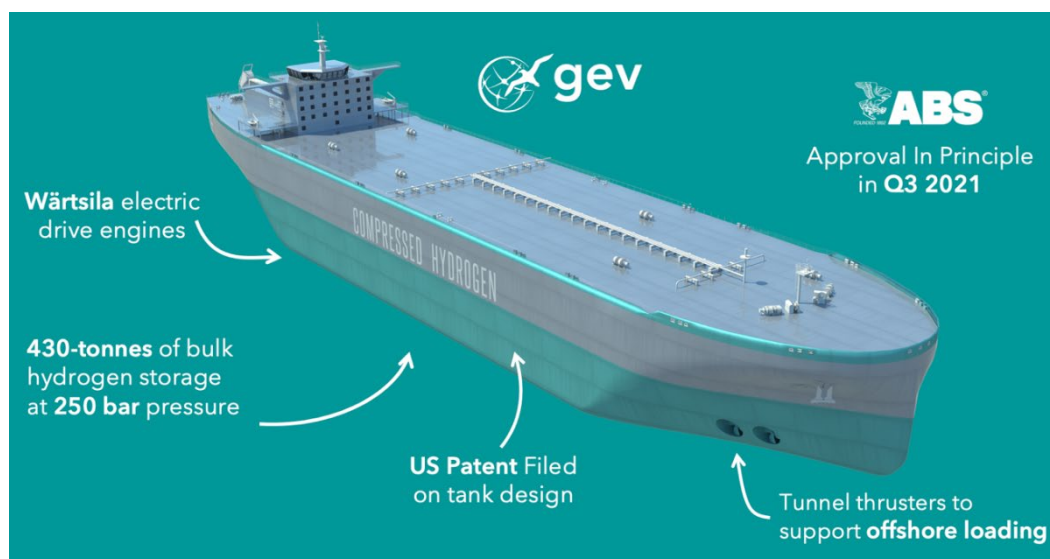
## PILOT SHIP APPROACHES KEY MILESTONE

### HIGHLIGHTS

- **Completion of ship specification and general arrangement for the pilot 430-tonne ship.**
- **American Bureau of Shipping (ABS) engaged to undertake Approval in Principle (AIP) during the September Quarter 2021.**
- **Pilot 430-tonne compressed hydrogen ship development leverages the engineering work that resulted in ABS issuing an AIP for the 2,000-tonne ship in March 2021.**
- **Commercial applications for the pilot-ship include a Feasibility Study for the HyEnergy Project.**

**Martin Carolan, Managing Director and CEO commented:** "GEV continues to advance the development of our hydrogen shipping program with the pilot 430-tonne ship specification and supporting analysis now complete, allowing ABS to commence their review for Approval in Principle. Our team of experts led by inventor John Fitzpatrick and COO of GEV Canada, David Stenning, continue to deliver the approvals program on time and budget.

GEV is targeting the pilot 430-tonne compressed hydrogen ship to be the first commercial scale vessel available for the marine transport of hydrogen and support our commercialisation activity which now includes the recently announced Feasibility Study for the HyEnergy Project, located in the Gascoyne region of Western Australia."



### DEVELOPMENT OF A PILOT SHIP FOR OPERATION IN MID-2020s

GEV is pleased to advise shareholders it has completed the ship specification engineering for the pilot 430-tonne ship and a work package has been submitted to ABS for their review. The detailed work package includes the ship engineering analysis and drawings, stability analysis and tank design calculations.

ABS has been formally engaged to provide an AIP for this pilot ship. The AIP process assesses the design in relation to international codes and standards to ensure there are no major engineering, regulatory or safety issues. GEV is leveraging the successful 2,000-tonne AIP program to fast-track AIP for the pilot ship by end of Q3 2021, and to ultimately target Full Class Approvals by late 2022.

C-FER Technologies has recently completed an independent analysis of hydrogen permeability which supported GEV's design assumptions and the selection of a stainless-steel inner liner. C-FER is now supporting the selection of carbon steel and welding techniques in preparation for prototype construction and testing in 2022.

- END -

This ASX announcement has been authorised by the Board of GEV.

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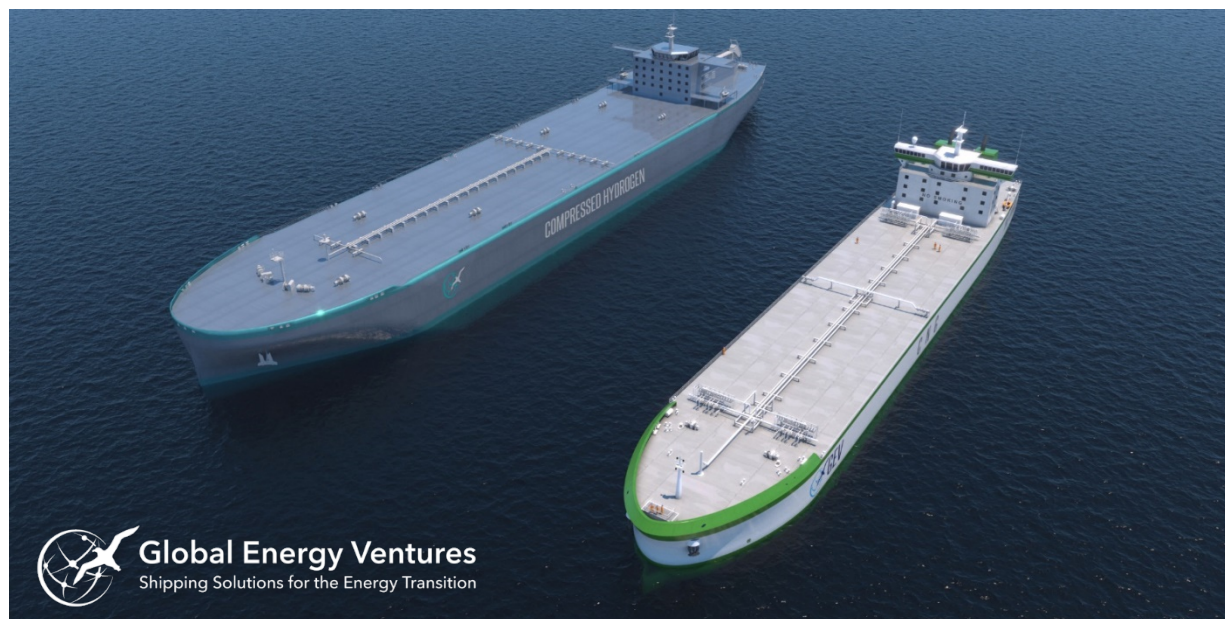
## ABOUT GLOBAL ENERGY VENTURES LTD

Global Energy Ventures (ASX: GEV) is an energy transition company with a mission to deliver compressed shipping solutions for transporting energy to regional markets. Our business model is to Build, Own and Operate the production, storage and shipping of natural gas and green hydrogen.

In 2020, GEV introduced the world's first large-scale Compressed Hydrogen (C-H2) ship and positioned the company as an early mover to fast track the marine transport of Hydrogen. The engineering and design of the C-H2 ship has benefited from the Company's long-standing history in developing compressed gas carriers through to final construction approval.

GEV has demonstrated that the simplicity and energy efficiency of its C-H2 shipping solution is ideally suited for exporting hydrogen over medium distances (i.e., Australia to Asia-Pacific) providing a lower delivered cost and eliminating the technical barriers of other transport alternatives.

For more details on the Company please visit [www.gev.com](http://www.gev.com)



**Disclaimer:** This announcement may contain forward looking statements concerning projected costs, approval timelines, construction timelines, earnings, revenue, growth, outlook or other matters ("Projections"). You should not place undue reliance on any Projections, which are based only on current expectations and the information available to GEV. The expectations reflected in such Projections are currently considered by GEV to be reasonable, but they may be affected by a range of variables that could cause actual results or trends to differ materially, including but not limited to: price and currency fluctuations, the ability to obtain reliable gas supply, gas reserve estimates, the ability to locate markets for CNG and hydrogen, fluctuations in gas and hydrogen prices, project site latent conditions, approvals and cost estimates, development progress, operating results, legislative, fiscal and regulatory developments, and economic and financial markets conditions, including availability of financing. GEV undertakes no obligation to update any Projections for events or circumstances that occur subsequent to the date of this announcement or to keep current any of the information provided, except to the extent required by law. You should consult your own advisors as to legal, tax, financial and related matters and conduct your own investigations, enquiries and analysis concerning any transaction or investment or other decision in relation to GEV.

\$ refers to Australian Dollars unless otherwise indicated.