

## Press Release

### **ABS AIP for Bumi Armada's Pioneering Carbon Storage and Injection Vessel**

**(SINGAPORE)** ABS has awarded Approval in Principle to Bumi Armada's pioneering design for a floating carbon storage and injection unit (FCSIU).

Bumi Armada's FCSIU concept is a floating terminal capable of storing and injecting liquified carbon dioxide (LCO<sub>2</sub>) into depleted oil and gas fields or aquifers. This novel concept incorporates the ability to accept LCO<sub>2</sub> deliveries in an offshore setting, the flexibility to manage LCO<sub>2</sub> at low or medium pressure, the provision of LCO<sub>2</sub> buffer storage and the preparation of LCO<sub>2</sub> for sequestration - permanent storage of CO<sub>2</sub> deep beneath the seabed.

The FCSIU can receive LCO<sub>2</sub> from various sources, such as electricity generation, manufacturing and construction, offering a new solution for reducing CO<sub>2</sub> emissions from these industries.

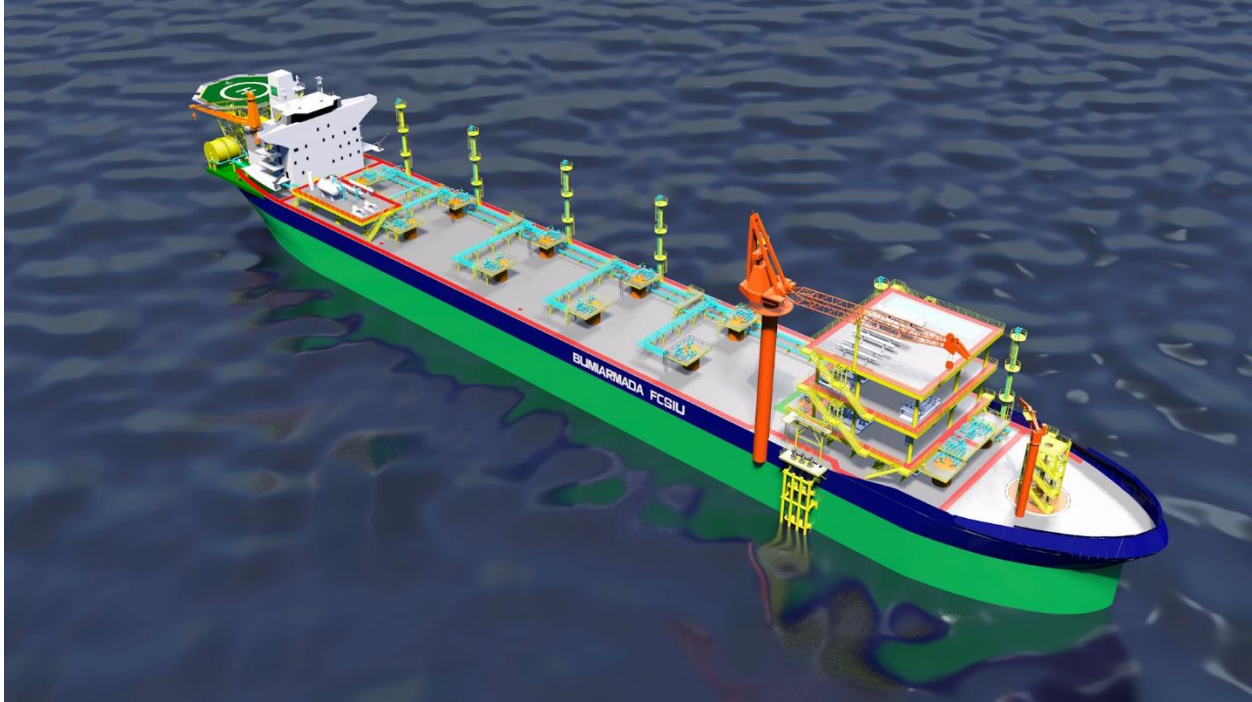
The AIP is applicable to either a new build or a converted donor carrier, with smaller tanks to optimize the cargo space layout.

Gary Christenson, Bumi Armada's Chief Executive Officer, said: "We are excited to bring sustainable and scalable solutions to reduce carbon emissions. This solution is a testament to our strong commitment towards providing the best decarbonisation solutions globally."

"Carbon capture and reinjection in depleted fields is a promising technology for reducing greenhouse gas emissions and it is likely that this process will become more widespread and play an increasingly important role in the transition to a low-carbon economy. ABS is a leader in the field and is committed to supporting the safe development and adoption of the technology," said John McDonald, ABS President and Chief Operating Officer.



*Bumi Armada SVP Technology, Engineering and Projects, Stephen Williamson, Bumi Armada VP Technology, Christina Sevajee and VP Sustainability and External Relations, Sarimah Talib, along with delegates from ABS at the AiP Award Ceremony.*



*Rendering of the floating carbon storage and injection unit which received the AiP*

### **About Bumi Armada**

Bumi Armada is a global provider of floating infrastructure systems, offshore energy engineering, facilities, and services provider. The Company is committed to delivering world-class performance across a broad range of major marine projects. Bumi Armada partners and operates the only Floating Production, Storage and Offloading (FPSO) vessel in the world that uses an amine recovery system to extract Hydrogen sulfide (H<sub>2</sub>S) from the production gas. This is the same amine system that is used for many of the carbon capture-recovery systems worldwide. The company is part of the Bluestreak CO<sub>2</sub> Joint Venture, owned by Bumi Armada and Navigator Holdings Ltd, which aims to provide an end-to-end solution for carbon emitters to capture, transport, sequester and store their carbon dioxide emissions in line with the United Kingdom's Industrial Decarbonisation Strategy.

### Bumi Armada

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