



## **PRESS RELEASE**

### **RINA Awards Kindon New Energy Technology (Jiangsu) Co., Ltd. Approval in Principle for Innovative DAC Green Methanol Offshore Production Platform**

Shanghai, 2<sup>nd</sup> April, 2024 - The inspection, certification, ship classification and engineering consultancy multinational, RINA, has awarded Kindon New Energy Technology (Jiangsu) Co., Ltd. the Approval in Principle (AiP) for its innovative green methanol offshore production platform solution. Produced entirely offshore, the methanol is derived from renewable CO<sub>2</sub> through DAC (Direct Air Capture) technology and green hydrogen from offshore wind power water electrolysis technology.

According to Luigi Mattera, Greater China Marine Operations Director at RINA, "RINA works with and supports projects for a broad range of decarbonization technologies. Almost all current methanol synthesis processes use CO<sub>2</sub> from carbon capture from industry originated from fossil fuels. Using latest DAC technology, the AiP acknowledges that the methanol produced on this offshore production platform adheres to the strictest standards of green methanol."

"The entire process for methanol production uses genuinely green hydrogen, renewable carbon dioxide from DAC, and sustainable electricity. The concept provides a sustainable alternative to fossil fuels on the pathway to decarbonization," stated Wenbo Wang, CEO of Kindon New Energy.

The platform will produce 0.1 MTPA of green methanol. The process synthesizes methanol from hydrogen and carbon dioxide under high temperature and pressure conditions. All methanol synthesis processes are completed on the offshore platform and electrical needs fully met by green electricity generated from offshore wind power. By using DAC technology, the CO<sub>2</sub> is readily available. However, the system is also designed with interfaces for future access to external supplies of green or biomass-derived CO<sub>2</sub>.

"We are delighted to award Kindon this AiP. This innovative approach marks a significant step towards sustainable and environmentally friendly production methods in the marine and offshore industries," concluded Mattera.

*RINA, leading certification and engineering company, provides a wide range of services across the Energy, Marine, Certification, Infrastructure & Mobility, Real Estate and Industry sectors. With revenues in 2022 of 725 million euros, 5,300 employees and 200 offices in 70 countries worldwide, RINA is a member of key international organizations and an important contributor to the development of new legislative standards. [www.rina.org](http://www.rina.org)*

#### **Contacts**

Giulia Faravelli  
Global Communication Senior Director  
+39 348 6805876  
[giulia.faravelli@rina.org](mailto:giulia.faravelli@rina.org)



Paolo Ghiggini  
Head of Global Media Relations & Social Media  
+39 340 3322618  
paolo.ghiggini@rina.org

Victoria Silvestri  
International Media Relations Manager  
+39 334 6539600  
+44 7825 842731  
victoria.silvestri@rina.org