



Public Relations Group, Corporate Communications Unit  
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## **INPEX Completes Concept Study for Ammonia Bunkering Vessel with Mitsubishi Shipbuilding Co., Ltd.**

**Tokyo, Japan** - [INPEX CORPORATION](#) (INPEX) announced today that it has completed a concept study of an ammonia bunkering vessel capable of supplying ammonia fuel to merchant vessels. The study was conducted jointly with Mitsubishi Shipbuilding Co., Ltd., which has extensive experience in ship design and construction, to meet demand for the fueling of ammonia-powered vessels, which are expected to become widespread in the future.

Ammonia is expected to be widely used in the future as a clean energy source, because it does not generate carbon dioxide (CO<sub>2</sub>) when combusted. Ammonia is also gaining traction as a fuel that can significantly contribute to reducing greenhouse gas (GHG) emissions in the maritime sector. The joint concept study involved the evaluation of a highly versatile ammonia bunkering vessel with sufficient tank capacity and maneuverability as well as infrastructure compatible with a variety of ammonia-powered vessel types, fully leveraging INPEX's knowledge of liquefied natural gas transportation, cargo handling operations and ship/shore compatibility.

The study was also an important initiative toward realizing INPEX's goal of commercializing three or more hydrogen/ammonia projects and producing and supplying 100 thousand tons or more of hydrogen/ammonia per year in around 2030, as outlined in the company's long-term vision and medium-term business plan [INPEX Vision @2022](#) announced on February 9, 2022.

Going forward, INPEX will conduct further technical evaluations based on the findings of the study as well as the technical issues that were identified, with the aim of promoting the use of ammonia as a marine fuel expected to contribute to the reduction of GHG emissions in the maritime sector toward the realization of a carbon-neutral society. INPEX will also continue to work on supplying ammonia fuel and transporting ammonia to flexibly respond to customer needs considering the value chain as a whole.



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Images of ammonia bunkering vessel

### **About INPEX**

INPEX CORPORATION is Japan's largest exploration and production (E&P) company, and is currently involved in projects across multiple continents, including the Ichthys LNG Project in Australia as Operator. By thoroughly making its oil and gas business cleaner while expanding its 5 net zero business areas, INPEX aims to provide a stable supply of diverse and clean energy sources including oil, natural gas, hydrogen and renewables as a pioneer in energy transformation. For more information, visit <https://www.inpex.co.jp/english/index.html>.

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