The use of ammonia as a marine fuel and the study of alternative sources of energy for next-generation multi-purpose ports will move to the next stages of research with an injection of $22 million over the next five years, reports the Straits Times.

Grants for maritime R&D projects

The Singapore Maritime Institute (SMI) will work with two local universities on deeper research into these and other projects, as well as technologies related to decarbonisation and improving the operational efficiency of real-time management of port operations.

Mr Chee Hong Tat, Senior Minister of State for Finance and Transport, announced the funding on Tuesday at the 12th SMI Forum held at Orchard Hotel.
This is the continuation of the work that began in October 2017 in the areas of energy management, emission management and sustainable maritime operations.

MESD has worked on 14 maritime decarbonisation research and development projects, including the use of ammonia as a marine fuel.

With input from industry partners and the Maritime and Port Authority of Singapore, MESD has identified 16 other research and development projects to work on from September 2022.

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Source: The Straits Times