In addition, although the EU taxonomy mandates hydrogen combustion after 2035, the gas turbines provided by our company are technically ready to meet legal requirements.

Q4:

How do you see the relationship between hydrogen and ammonia?

A4:

The transportation of liquefied hydrogen requires the development of mass transportation technology, and it takes several years to commercialize it. When ammonia is used as a hydrogen carrier, it is possible to transport large quantities of it immediately without any technical development, but on the other hand, it requires a process of dehydrogenation to extract hydrogen from ammonia after transport. It is also necessary to increase the purity of hydrogen when filling fuel cells with hydrogen. Such a process is no longer necessary for our company's liquefied hydrogen transportation.

A paper published by the Institute of Energy and Integrated Engineering Research (IAE) shows that liquefied hydrogen has the lowest cost when large-scale manufacturing and transportation are possible. Liquefied hydrogen has a higher ratio of Cc

Q&A at the Hydrogen business briefing 12, December, 2022

Q6: