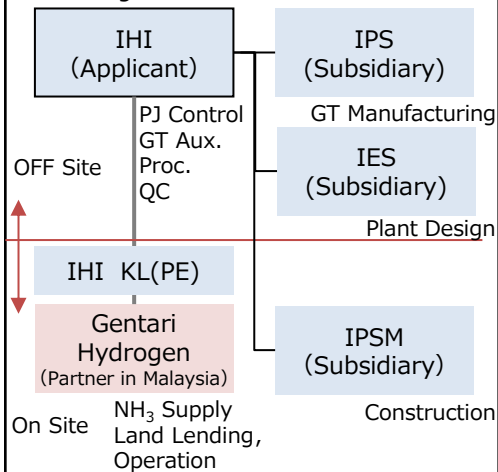


## The Global South Future-Oriented Co-Creation Project: Selected Companies (2nd Application)

<b>Project name</b>	Commercial demonstration project for gas turbine power generation using fuel ammonia
<b>Company</b>	IHI Corporation
<b>Country</b>	Malaysia
<b>Category</b>	Category 1 • Category 2 • Category 3

### Project Outline

#### 【Project Scheme】



#### 【Outline】

This project is the world's first application of an ammonia-fired gas turbine as a power source for industrial plant under commercial operation.

【Expenses】2.8 billion Yen  
(Subsidized expenses: 2.3 billion Yen)

#### 【Schedule】

May 2025	Start design and procurements
Jan 2027	Start demonstration operation
2028~	Start global sales expansion



【Ammonia firing IM270 GT】

### Resulting benefits to Japan

This project will contribute to creation of further demand for ammonia fuel towards a decarbonized era.

- This project will show the advanced nature and maturity of Japanese decarbonization technology to the global market.
- If Japanese company has a good position to create the market related to ammonia utilization technology, it can make it possible to develop relating businesses including expansion of employment and capital investment in Japan, as an advanced business deriving from thermal power generation-related businesses.
- Creation of demand for fuel ammonia will also expand investment opportunities in clean ammonia fuel production businesses, which will require several kinds of major facilities made in and exported from Japan.