

June 11th, 2024
C-Tech Corporation
Hitachi Zosen Corporation
Kajima Corporation
Hokutaku Co., Ltd.
Mitsui O.S.K. Lines, Ltd.

Appointed Developers for Green Innovation Fund Project
-Floating Offshore Wind Turbine Demonstration Project off the Coast of Aichi Prefecture-

C-Tech Corporation, Hitachi Zosen Corporation, Kajima Corporation, Hokutaku Co., Ltd., and Mitsui O.S.K. Lines, Ltd. (MOL) today announced that we jointly proposed the "Floating Offshore Wind Turbine Demonstration Project off the coast of Aichi Prefecture" for Green Innovation Fund Project/ Cost Reduction of Offshore Wind Power Generation, and have been appointed by The New Energy and Industrial Technology Development Organization (NEDO).

The Japanese government has announced its policy to introduce renewable energy to the greatest extent possible to achieve "carbon neutrality by 2050." In particular, offshore wind power is the key to make renewable energy as the main power source. While the cost of offshore wind power generation in Japan is high compared to other countries, Japan has less shallow area, so it is said that there is more room for floating offshore wind than bottom fixed. Therefore, the cost of offshore wind power, particularly floating offshore wind, needs to be reduced as quickly as possible to promote its adoption.

In this project, the power generation company, floater manufacturer, general contractor, wind power maintenance company, and marine transport company will combine their accumulated technological capabilities to develop technologies for the entire floating offshore wind power generation system, and establish technology to commercialize floating offshore wind power under specific conditions (wind, etc.) at an internationally competitive price by fiscal year 2030.

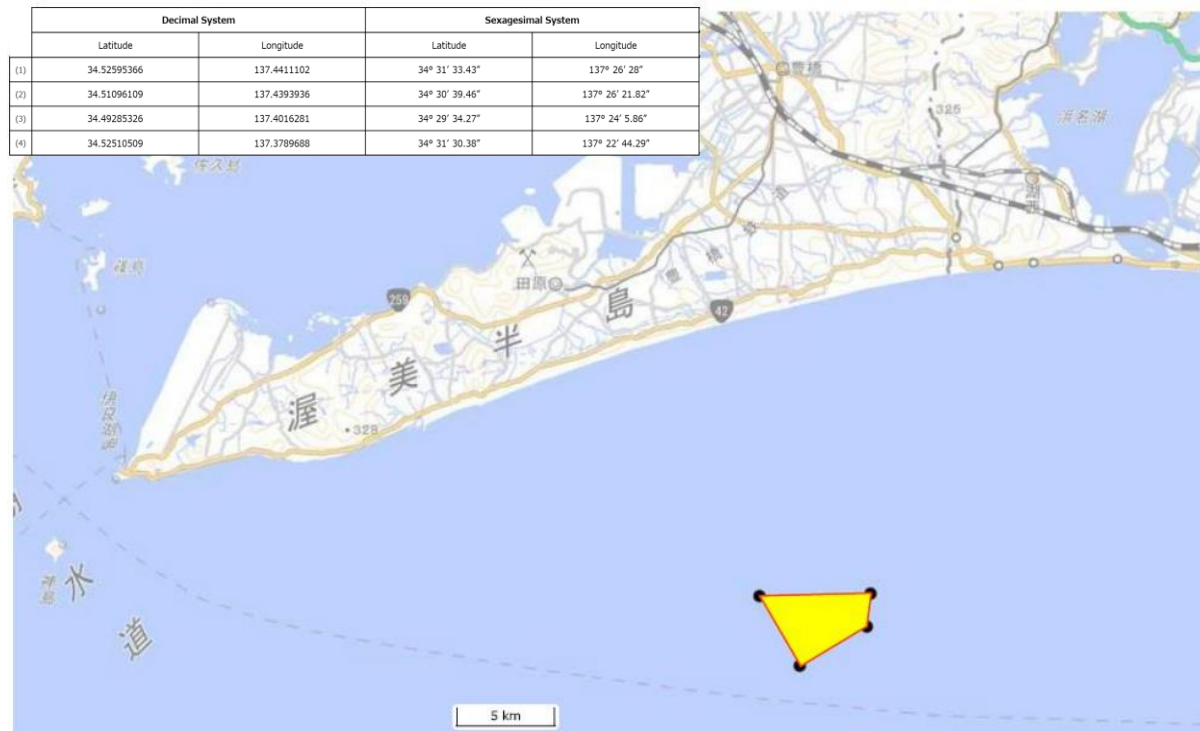
The five companies will initiate this project after completing the grant procedure with NEDO, and then engage in technological development aimed at rapid cost reduction and expanded adoption of floating offshore wind power to achieve carbon neutrality by 2050.

[Outline of Floating Offshore Wind Turbine Demonstration Project off the Coast of Aichi Pref.]

Demonstration Area	Off the coast of Tahara City and Toyohashi City, Aichi Prefecture
Demonstration Period	July 2024 - March 2031 (planned)
Demonstration Equipment	Floating offshore wind power generation system

Demonstration Unit	1
Wind Turbine Output	Over 15 MW (planned)
Foundation Type	Semi-submersible

<The Planned Demonstration Area>



Source: Designated offshore wind promoting zone under the Renewable Energy Sea Area Utilization Act; areas subject to be surveyed by "Central Method" Investigation; and candidate areas for GI Fund (Floating Demonstration)

< The Image of Hybrid Semi-submersible Floater >



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