



July 7, 2021

ENEOS Signs Agreement with BW Ideol for Joint Development of Floating Offshore Wind Power Generation Project in Japan

ENEOS Corporation (President: Ota Katsuyuki; “ENEOS”) announces that it has signed an agreement with BW Ideol (CEO: Paul de la Guérivière)—which possesses engineering technologies for floating offshore wind power generation—for the joint development of a commercial-scale floating offshore wind farm in Japan.

One of the ENEOS Group’s envisioned goals stated in our Long-Term Vision to 2040 is contributing to the development of a low-carbon, recycling-oriented society through several initiatives including the pursuit of carbon neutral status in our own CO₂ emissions. As part of our efforts to achieve this goal, we are working toward expanding the generation capacity of renewable energy businesses in Japan and overseas to over 1 GW by fiscal 2022.

Our offshore wind power generation business includes participation in a project off the coast of Taiwan in April 2019 as well as another project offshore of Happo Town and Noshiro City in Akita Prefecture in September 2020. In June 2021, we were also selected as the operator for a floating offshore wind power generation project off the coast of Goto City in Nagasaki Prefecture. This was the first public offering project in Japan based on the Marine Renewable Energy Utilization Act*.

Japan has limited land suitable for wind power generation. Therefore, offshore wind power generation projects are being advanced based on the Marine Renewable Energy Utilization Act*. Due to topographic conditions in the seas around Japan, such as the sudden increase in depth from the coast, floating wind farms—where the wind turbines float on the sea—are estimated to have approximately three times the potential compared to fixed wind farms which have foundations in the seabed.

BW Ideol is the only engineering company which, in floating offshore wind power generation using the company’s patented Damping Pool® technology, has obtained certification and succeeded in demonstrating operation in France and Japan, areas with different meteorological and maritime conditions. It also leads the development of commercial projects in countries around the world and is one of the global leaders in floating offshore wind power generation.

Its patented Damping Pool® technology is a technology that minimizes the roll of the offshore floating platform by emptying the center of the platform like a donut. Floating foundations that use this technology have cost advantages in manufacturing and installation as they can be easily constructed due to the small and simply shape and can also be made using concrete and not just steel.

Going forward, the two companies will jointly develop a floating offshore wind power generation project using Damping Pool® technology in the specific candidate area and actively expand renewable energy businesses through initiatives for achieving early commercialization such as reducing the cost of floating offshore wind power generation in Japan.

In addition, ENEOS will steadily accumulate expertise in the future through undertaking development with BW Ideol to promote the development of offshore wind power generation on our own.

This initiative is consistent with United Nations Sustainable Development Goals (SDGs) 7. Affordable and clean energy, 11. Sustainable cities and communities, and 13. Climate action. ENEOS is contributing to the development of a low-carbon, recycling-oriented society through the promotion of renewable energy businesses.

Note: Our strategy (expansion of renewable energy) is consistent with the following United Nations' Sustainable Development Goals (SDGs)



* Officially named the Act on Promoting the Utilization of Sea Areas for the Development of Maritime Renewable Energy Power Generation Facilities, this is legislation that was established to address issues hindering the introduction of offshore wind power generation, which is reducing in cost overseas and important from the perspective of achieving a balance in maximizing the introduction of renewable energy and minimizing the burden on Japanese citizens. The issues include (1) the lack of a unifying rule regarding the licensed use of maritime areas and (2) the lack of a framework for coordination with existing users.

ENEOS Corporation

Established	May 1888
Representative	Ota Katsuyuki, Representative Director, President
Head Office	1-1-2 Otemachi, Chiyoda-ku, Tokyo, Japan
Business Areas	<ul style="list-style-type: none">▪ Refining and sales of petroleum products (such as gasoline, kerosene, and lubricating oil)▪ Import and sale of gas and coal▪ Manufacture and sale of petrochemical products▪ Supply of electricity and hydrogen

BW Ideol

Established	August 2010
Representative	Paul de la Guérvivière, CEO
Head Office	375 avenue du Mistral 13600 La Ciotat (France)
Business Areas	Technology provider, EPCI contractor, and asset joint developer specializing in floating offshore wind power generation

Floatgen project in France using BW Ideol's technologies

