

Summary

■ Market Conditions

- Japan generated **136 MW of offshore wind power (0.2% of the global offshore wind capacity) in 2022**, with the Japanese government aiming to increase its domestic capacity to **10 GW by 2030**.
- Japan generated **85,066 MW of solar power generation (7.2% of the global offshore solar capacity) in 2022**. In offshore solar power, major companies such as Sumitomo Mitsui Construction Co., Ltd. and Tokyu Land Corporation are actively pursuing technology demonstrations for the first practical application in Japan.
- In addition to offshore wind power and offshore solar power, **other offshore power generation markets are also growing rapidly in Japan, making it a suitable place for expansion for overseas companies.**

■ Regulatory and Competitive Environment

- The offshore wind industry regulations in Japan are **primarily related to adherence to technical standards** (conducting safety inspections and reporting the results), **purchasing of energy produced** (public tender systems for renewable energy) and **permits for use of sea resources** (approval for occupancy of sea areas for offshore wind energy projects).
- Most major offshore wind companies are based in western Europe and Scandinavian countries, providing services like feasibility studies in addition to manufacturing and installation of turbines. Japanese offshore wind companies focus on energy storage and maintenance, while some companies **rely on overseas partnerships for manufacturing and distribution of offshore wind turbines and related equipment.**

■ Incentives

- **Several annual events related to offshore wind industry are organized in Japan**, including expos where offshore wind power generation companies can exhibit their latest technological developments, and seminars focusing on regulations and social implementation of offshore wind energy.
- **The Japanese government offers several incentives** to companies in the offshore wind industry, including **financial support for startups entering the market, support for personnel training and local subsidies for promoting tourism through offshore wind generating facilities.**