

Current Initiatives to Develop Muroran Port into a Base for Offshore Wind Power 2026.2.24



MURORAN CITY, HOKKAIDO

● Major Developments in Muroran to Date

- 2020.01 Establishment of Muroran Offshore Wind Industry Promotion Association (MOPA)
- 2020.06 SEP Ship First Port Call (CP-8001)
- 2022.04 Shukuzu Pier begins operation as a site for developing floating offshore wind technology
- 2023.06 SEP Ship (BLUE WIND) has commenced operations using Muroran Port as its home port.
- 2024.03 Businesses selected for the Hachimō Town, Akita Prefecture and off-shore of Noshiro project (Use of Muroran Port)
- 2024.06 SEP Ship (HAKKAKU) has commenced operations using Muroran Port as its home port.
- 2025.11 Establishment of Muroran-Nishi-Iburi Green transformation Promotion Council



● What we have been working on

Formulation of various plans
PR and Sales Activities

Port Utilization
Coordination

Establishing a Pricing
Structure and Fee
Negotiation

Expansion of
Available Land

etc.

● The role Muroran should assume going forward, “in collaboration and division of responsibilities with other regions within Hokkaido”

related
components

SEP Vessels and
Workboats Base

Assembly and
Shipping Base

New Initiatives
manufacturing
base

Status of Efforts to Attract Manufacturing Bases to Muroran Port

Proposal to Establish an Asian Manufacturing Hub for Offshore Wind Power Utilizing Murooran City Public Land

Murooran is a port and industrial city located on the Pacific coast of Hokkaido, **about two hours from Sapporo and New Chitose Airport**. It is characterized by a climate that is **cool in the summer and mild with little snow in the winter** compared to other parts of Hokkaido.

Murooran Port, widely regarded as spacious, deep, and calm, not only offers excellent access to offshore areas where wind power projects are planned in Hokkaido, Aomori, Akita, and other regions, but also hosts a concentration of **steel and manufacturing companies**, which are essential for collaboration in the offshore wind industry.

From these points, we are convinced that **Murooran is an ideal location for an Asian manufacturing hub for offshore wind power**, in the context of a future decarbonized society and the expansion of offshore wind power introduction in Japan. We sincerely hope that your company will consider entering Hokkaido and Murooran. **We promise support through public-private collaboration.**

Takeshi Aoyama,
Mayor of Murooran City



Yoshiyuki Nakata,
Chairman of the Murooran Chamber
of Commerce and Industry



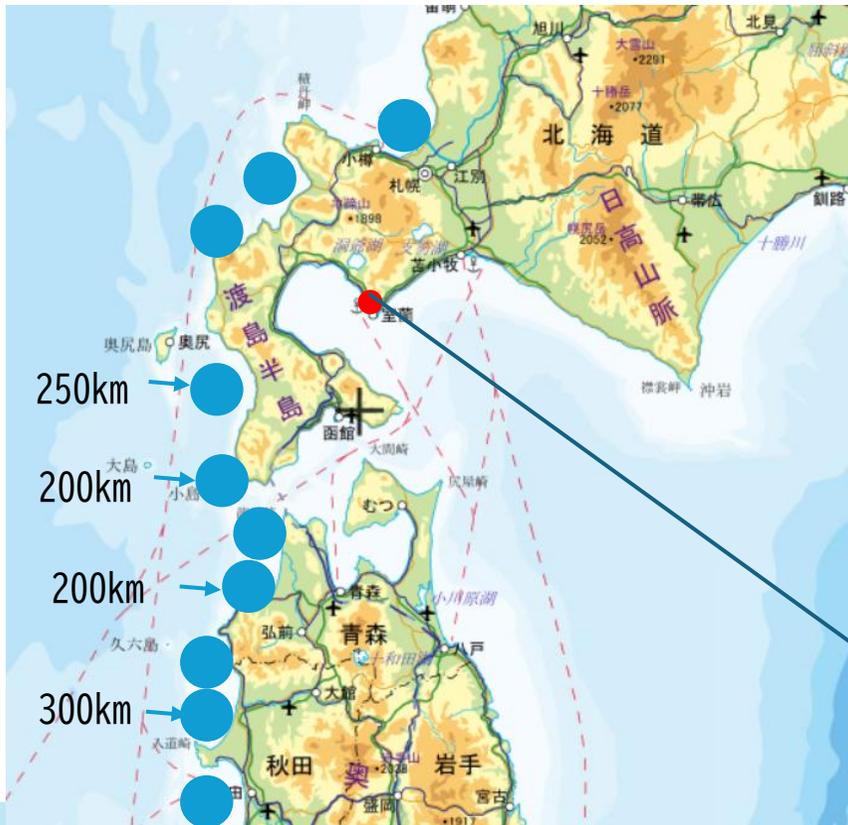
Geography and Topography of Murooran

Geographical features

Murooran is close to areas with good wind conditions, such as Hokkaido, Aomori, and Akita, where offshore wind power generation sites are being considered, and has potential as a manufacturing base.

Topographical features

It forms a natural good harbor, and not only during normal times but also in rough weather such as typhoons, it has a breakwater area that combines high calmness and spaciousness, making it used by a wide variety of vessels.



Murooran

Traffic

New-Chitose Airport IC to Murooran IC: approx. 80 km (expressway)
Murooran IC to Murooran Port Sakimori Pier: approx. 5 km (local road)

● Planned main installation area
(The figures represent the maritime distance from Murooran.)

Candidate manufacturing base at Muroran Port

○In addition to approximately 30 hectares of land in the Sakimori district, multiple plots of land of comparable size or larger in other districts may be available depending on conditions.

○1,500-meter-long quay (maximum water depth 14 meters) in the Sakimori District



Candidate manufacturing base at Muroan Port③ Supply Chain



Muroan has long been a district where manufacturing industries centered on the steel industry are concentrated. Specifically, companies in ① steel (materials), ② bridge construction, ③ shipbuilding, and ④ heavy cargo transportation are looking forward to collaborating with your company.



② Narasaki Seisakusyo Co.,Ltd.



- Manufacturing of bridges, steel products, and environmental products such as water treatment equipment.
- Manufacturing of tower assembly platforms and production and installation of SEP ship outfitting items.

② Penta-Ocean Construction Co.,Ltd. Muroan Works



- Manufacture of steel structures such as bridges and temporary steel structures related to offshore wind power construction at Kitakyushu Port and other sites.

② Hakodate Dock Co.,Ltd. Muroan Works



- Ship repair, manufacturing of port cargo handling machinery, and fabrication of steel structures such as SEP ship foundations, bridges, and ship hull blocks

① Japan Steel Works M&E, Inc



SEP ship foundations

- A leading company in power generation-related components, with a track record in manufacturing onshore wind turbines, forged products and steel products such as bridges, nuclear and thermal power products, industrial machinery, defense equipment, and hydrogen-related components.

① NIPPON STEEL Cop. North Nippon Works Muroan Area



- A core company forming the only steel complex in northern Japan.
- Main products are special steel bars and wire rod.

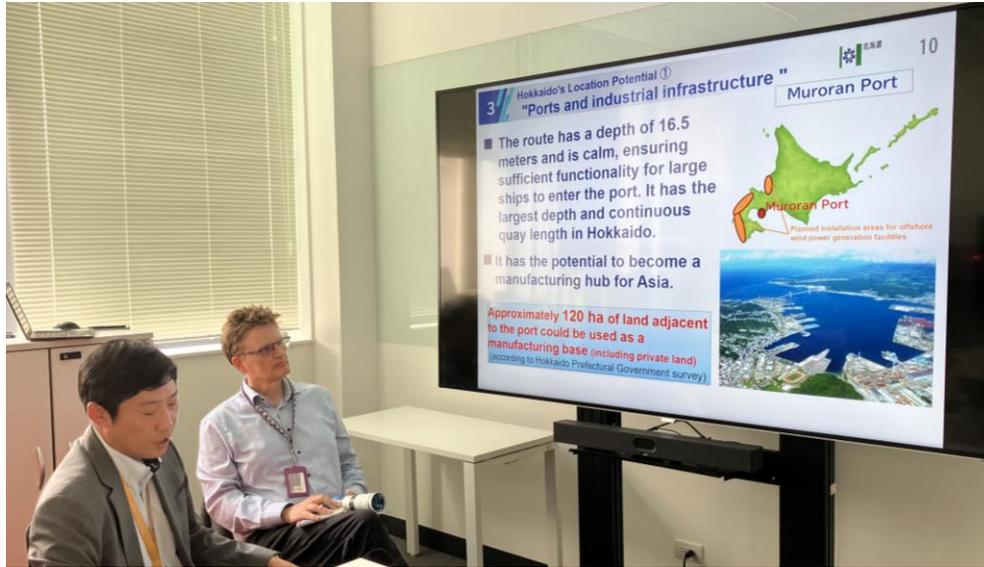
① MITSUBISHI STEEL Muroan Inc.

- Manufactured flange bolts for joining towers (Obtained TPG certification in the U.S. in October 2022, becoming the third company in the world)
- Conducting research on steel materials for offshore wind components

④ DENZAI K.K.



- A major domestic crane company, engaged in the transportation and assembly of offshore wind power components both domestically and internationally.
- It holds a top-class share in the domestic crane industry.



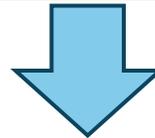
Visit to Vestas(Stettin·Poland) 2025.10



Michael · Roy · Balvers Mayor of Muroan City
Senior Vice President, Vice Mayor of Muroan City

Evaluation of Wind Turbine Manufacturers (Manufacturer's Comments)

- I have gained an understanding of the advantages of Murooran, Hokkaido, Hokkaido. Furthermore, this is the first time we have received such an invitation, and it has left a very favorable impression.
- The key point for entering the Japanese market is the prospect of securing a steady volume of orders over a long period of 20 to 30 years.
- We are currently entering the Japanese market with projects such as Akita, and we would appreciate receiving various information at your convenience.
- I would like to conduct an inspection of Murooran on a future occasion and also investigate local companies.



Future Measures for Murooran City
with the local business community.

Hokkaido continues negotiations in cooperation

● Purpose of Establishment

A council has been established by the three cities and three towns, along with various commerce and industry organizations, to work with local residents to create a sustainable region where people can live happily. This will be achieved by promoting the use of Muroran Port as a manufacturing base for offshore wind power generation, while also promoting the Green Transformation (GX) of industries in the Nishi-Iburi region, such as agriculture, forestry, fisheries, and tourism. This will enable the region to achieve both decarbonization and industrial promotion

【Established on November 15, 2025】

● About Our Activities

- November 15, 2025: “Commemorative Symposium for the Establishment of the Muroran-Nishi-Iburi Green Transformation Promotion Council” held
- The event was fully booked with 520 participants.

• Part One

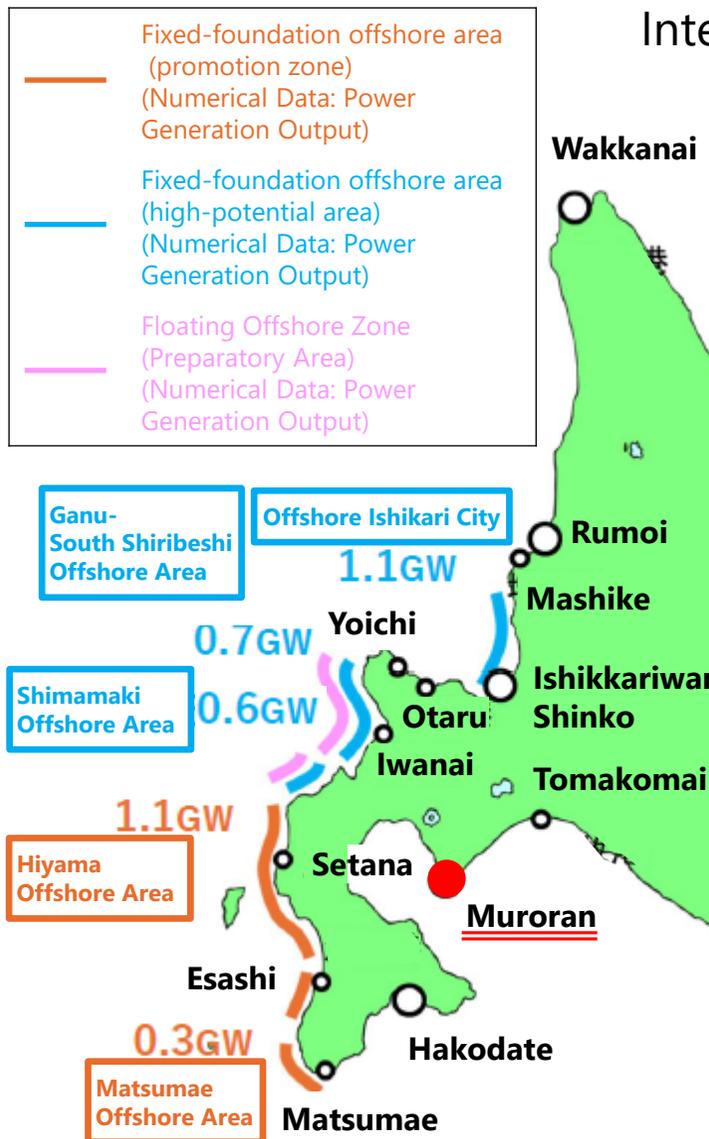
- Keynote Address by the Ministry of Economy, Trade and Industry, the Ministry of Land, Infrastructure, Transport and Tourism, and Hokkaido Government
- Statement from Siemens Energy and MHI Vestas Japan
- Report on Muroran City’s Efforts to Establish an Offshore Wind Power Manufacturing Base

• Part Two

- A panel discussion featuring the Mayor of Muroran and five other participants
- Visitor surveys revealed positive feedback such as “I felt an unprecedented level of enthusiasm” and “I sensed determination, passion, commitment, and resolve throughout the venue,” indicating that the symposium’s objectives were effectively conveyed.



As of January 2026



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Port	Functional Classification		Characteristics and Needs of Each Port
	Wind Turbine Parts Manufacturing	Wind Turbine Assembly	
Muroan	○	○	<ul style="list-style-type: none"> • Base Port Designation Indication of Intention (FY2022) • Promoting Incentives for Manufacturing Facility Establishment • <u>Hokkaido's sole integrated hub for offshore wind power serving as both a manufacturing and assembly base</u> • Floating Foundation Manufacturing and Storage Facility
Hakodate		○	<ul style="list-style-type: none"> • Initiated Feasibility Studies for Floating Foundation Manufacturing • Complementary Role for Fixed-Foundation Installation and Assembly Operations
Ishikariwan Shinko	○	○	<ul style="list-style-type: none"> • Base Port Designation Indication of Intention (FY2022) • Proven Track Record in Offshore Wind Turbine Assembly Within Port Areas • Interest in Component Manufacturing • Floating Foundation Manufacturing and Storage Facility
Rumoi		○	<ul style="list-style-type: none"> • Base Port Designation Indication of Intention (FY2022) • Floating Foundation Manufacturing and Storage Facility
Wakkanai		○	<ul style="list-style-type: none"> • Base Port Designation Indication of Intention (FY2022) • Floating Foundation Manufacturing and Storage Facility

Additional O&M Ports in Hokkaido In addition to the following O&M ports : Tomakomai Port Muroan Port Hakodate Port Otaru Port Ishikari-wan Shin Port Rumoi Port Wakkanai Port there are also ports located near coastal areas, including : Matsumae Port Esashi Port Setana Port Iwanai Port Yoichi Port Mashike Port

※Based on Hokkaido Development Bureau materials, processed by Muroan City