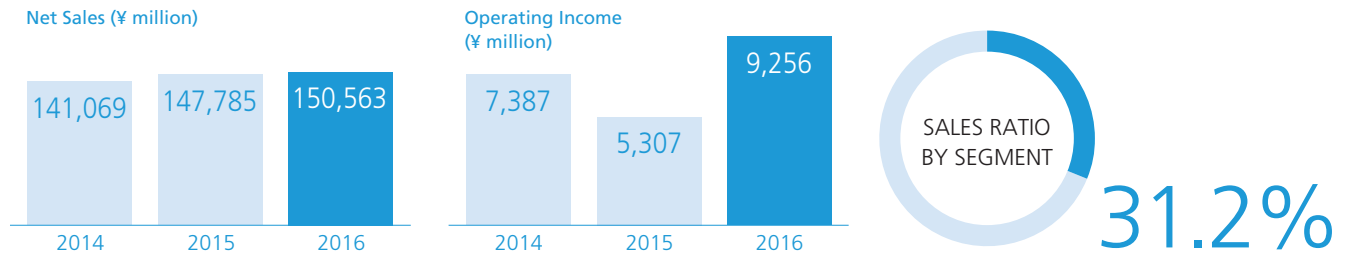


Completed Projects for Regional Development

In this section, we showcase construction projects that have contributed to the social infrastructure and regional development.

Domestic Civil Engineering



Channel and Basin Dredging (-14 m) at Pier 4 of Port of Soma

Fukushima Prefecture

In order to cope with the changing global energy trend including the distribution transport and to secure stable energy supply in time of disaster, the nationwide development of LNG receiving terminals is one of the priority projects.

In this project, as part of LNG receiving terminal construction within the Port of Soma, we performed the dredging work and discharged dredged materials to the reclamation area. A cutter suction dredger "No.5 Suez" was deployed from overseas to undertake the 14-meter deep dredging to accommodate mega LNG vessels.



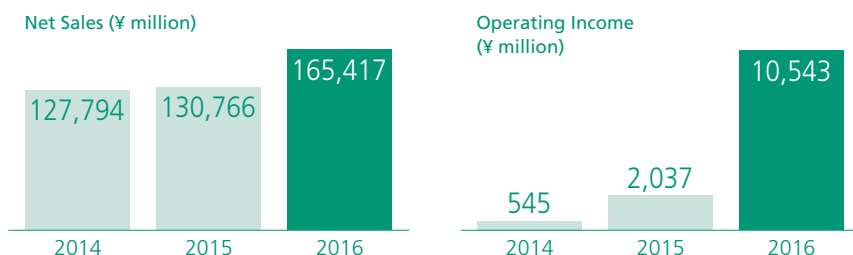
Earthquake Resistant Reinforcement of Section II (RC-7) of Rokko Island Berth (-16 m) in Kobe Port

Hyogo Prefecture

The Hanshin Port was designated by the Japanese government as one of the Strategic International Container Ports, where the Rokko Island Berth forms one of the central sections. With increasing demand for ultra-large container vessels, existing berths are required to strengthen its resistance against the force of an earthquake, with the aim of enhancing international competitiveness.

In this project, we improved soil for preventing the liquefaction of the apron area behind the berths. The reinforced berths will adequately handle the surge of cargo volume, while securing safe and vital water transport hub during a major earthquake.

Domestic Building Construction



New City Hall for Kure City

Hiroshima Prefecture

Penta-Ocean has its origin in Kure City, Hiroshima. This year we had an honor to construct a new city hall in the very heart of the city, a monumental structure representing the city for the next century. The project had attracted the attention of municipal officers and residents of Kure City. During the construction period, we considered the importance of open communication with them through regular study sessions and posting the regular progress reports on the walls of former city halls. We also hosted a site visit in the occasion of a local festival in April, attracting 800 visitors to show the actual site condition inside the temporary hoardings. The new city hall was completed in December 2015, and inaugurated in February 2016, making a fresh start for another century.



Tagajyo Station North Area Redevelopment Project

Miyagi Prefecture

Tagajyo City had been working on the redevelopment of its station area for the past four decades. After the Great East Japan Earthquake, the project expanded for more restoration works of the city's historical and symbolic structure, "the largest cultural exchange center in Tohoku." Section I of the project has integrated a library and retail shops, and Section II is composed of facilities, including a childcare center, a nursery, a dental office, a day care service and an accommodation for the elderly. Parking lots are available in Section III.

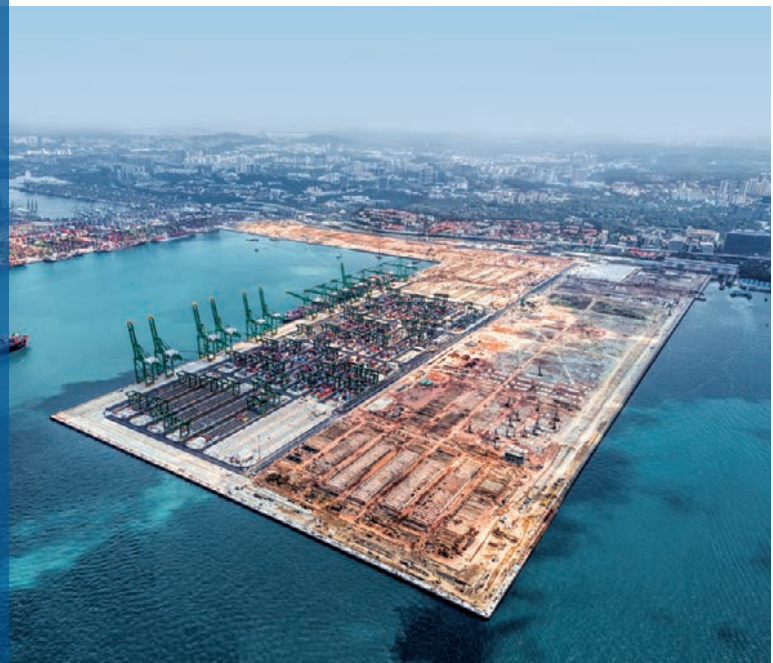
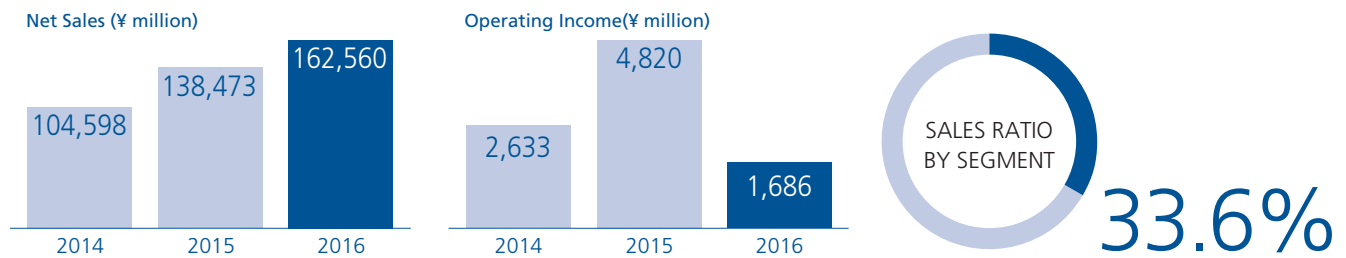
The project participants shared a passionate commitment in creating this building complex and becoming local favorites.



Completed Projects for Regional Development

In this section, we showcase construction projects that have contributed to the social infrastructure and regional development.

Overseas



Pasir Panjang Container Terminal Phases 3 and 4

Singapore

This project is part of a large-scale port and harbor development plan, one of the priority policies set by the government of Singapore. In 2007, Penta-Ocean Construction was awarded a contract with Joint Venture partners from Korea, Singapore and Netherlands to construct large container terminals. Upon completion, Singapore's container handling capacity will increase from the current 35 million TEUs by 50%, securing its competitiveness as one of the biggest international hub ports in the world. With 18~23 meters deep berths, the terminal is designed to handle the mega container vessels of the next generation.



Foster Electric, Thilawa Factory

Myanmar

Both Japanese and Myanmar governments have partnered with private companies to develop the "Thilawa Special Economic Zone". This innovative audio-equipment factory with sophisticated façade was completed in time despite severe rainy season and started its operation at the same time as inauguration of the Special Economic Zone. The factory is expected to create new jobs in this remarkably developing country and the building features the leading-edge manufacturing technology of Japan. Penta-Ocean had already delivered two building factories, and currently constructing many more within the Special Economic Zone.