

# Island City Container Terminal, Hakata Port

| Stakeholders of decarbonization                 | Initiatives                                                |
|-------------------------------------------------|------------------------------------------------------------|
| HAKATA PORT TERMINAL Co.,L t d.                 | Introduction of 26 eRTG Cranes                             |
| HAKATA PORT TERMINAL Co.,L t d.<br>FUKUOKA CITY | Implementation of the HiTS Gate Processing System          |
| FUKUOKA CITY                                    | Formulation of the Hakata Port Decarbonization Initiative  |
| FUKUOKA CITY                                    | Introduction of 6 STS Cranes with Inverter Control Systems |
| FUKUOKA CITY                                    | Conversion of 10 Yard Lighting Units to LED                |



Certification Level  
Level 5 +

(Certification date: Sep. 25, 2025)

CO<sub>2</sub> Emission per unit  
8.00 kgs CO<sub>2</sub> / TEU

[Terminal Overview]

Opened in 2003, the Island City Container Terminal covers a total area of 48.5 hectares and is equipped with berths with a depth of 14 and 15 meters (total length: 890 m), capable of accommodating large container vessels. The terminal handles approximately 60% of Hakata Port's total container throughput.

For cargo-handling equipment, the terminal has introduced 6 STS cranes with inverter control systems and 26 electrically driven RTG cranes that enable a significant reduction in CO<sub>2</sub> emissions. In addition, environmental and operational efficiency initiatives include the conversion of 10 units of yard lighting to LED and the implementation of the Hakata Port Logistics IT System (HiTS) at the gate, which help reduce truck waiting times and congestion.

Through these initiatives, which are based on the Hakata Port Decarbonization Initiative by Fukuoka City, the Island City Container Terminal actively contributes to the decarbonization of the port and plays a pioneering role in realizing a Carbon Neutral Port (CNP).



Introduction of 26 eRTG Cranes



Enhanced efficiency in cargo pick-up and delivery through the implementation of the gate processing system.



Introduction of 6 STS Cranes with Inverter Control Systems



Conversion of 10 Yard Lighting Units to LED