

Environmental Objectives

Port of Kaohsiung

To implement the commitments of environmental policy, the following environmental objectives are set based on the ten major environmental issues from the Port of Kaohsiung.

Climate Change Adaptation Strategy

Progressively advancing net-zero emission strategies through greenhouse gas inventory management, promoting green port services, implementing green incentive programs, and strengthening infrastructure to achieve sustainable port development.

Improvement of Port Air Quality

Conducting regular monitoring of air quality within the port area and establishing designated air quality maintenance zones. Strengthening environmental inspection activities to supervise and identify sources of pollution.

Enhancement of Energy Efficiency and Energy Transition Planning

Promoting energy conservation, carbon reduction, and green procurement. Developing and refining intelligent energy management systems, and advancing renewable energy and green fuel bunkering services, such as biofuels, methanol, and LNG.

Reduction of Vessel Environmental Impact

Promoting vessel speed reduction and expanding the use of shore power, also known as cold ironing. Effectively managing vessel emissions and conducting long-term monitoring of water quality within the port area.

Strengthening of Port Development

Advancing comprehensive port-area master planning, completing the relocation of the Intercontinental Container Terminal, and commencing operations at the Kaohsiung Port Passenger Terminal. Revitalizing resources in the old port district, optimizing waterfront recreational facilities, fostering port-city co-prosperity, and achieving sustainable development.

Prevention of Fugitive Dust in the Port Area / Enhancement of Transport Vehicle Controls

Conducting awareness campaigns and inspections to ensure that operators implement dust prevention measures. Refining the automated gate control system, developing and improving intelligent traffic flow management systems, and cooperating with competent authorities in the management of aging vehicles.

Enhancement of Port Waste Management

Implementing resource recovery, recycling, and reuse, and improving the efficiency of waste treatment and processing within the port area.

Strengthening of Dangerous Goods Management in the Port Area

Establishing a dangerous goods safety management system, intensifying on-site supervision, and rigorously implementing disaster prevention measures.

Monitoring of Marine Sediment Contamination

Conducting long-term sediment quality monitoring to safeguard the ecological environment of the port.

Strengthening Community-Friendly Relations

Creating environmentally friendly spaces for port-city coexistence, organizing environmental education activities, and strengthening public participation and engagement with local communities.

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