



Ministerio  
de Transportes  
y Comunicaciones

Autoridad Portuaria  
Nacional



BICENTENARIO  
PERÚ  
2024

# The Role of the National Port Authority in Sustainable Development: Towards a Green Route

---

**Mr. Juan Carlos Paz Cárdenas**  
Chairman  
National Port Authority

**October, 2024.**



PERÚ

Ministerio  
de Transportes  
y Comunicaciones

Autoridad Portuaria  
Nacional



BICENTENARIO  
PERÚ  
2024

# 1. NATIONAL PORT AUTHORITY AND PORT DEVELOPMENT

# NATIONAL PORT AUTHORITY



## ¿WHO ARE WE?

- We are a specialized technical entity in charge of the development and competitiveness of the National Port System (maritime, river, and lake)

## ¿WHAT DO WE DO?

- Plan the development of the National Port System.
- Ensure respect for the environment in port activity.
- Promote private participation in publicly owned port terminals.
- Establish procedures and issue technical standards for port activities and services.
- Coordinate with public and private actors of the port community.

## COMMON GOALS

- Strengthen the competitiveness of national ports to accompany the growth of foreign trade and cabotage, as well as the challenges of globalization and sustainability.





PERÚ

Ministerio  
de Transportes  
y Comunicaciones

Autoridad Portuaria  
Nacional



BICENTENARIO  
PERÚ  
2024

## 2. DEVELOPMENT OF THE NATIONAL PORT SYSTEM

# National Port System (NPS)

**58**PORT  
TERMINALS**43**

maritime

**14**

river

**1**

lake

**16** PUBLIC USE**42** PRIVATE USE

Resolución de Acuerdo de  
Directorio N°0062-2024-  
APN-DIR del 27.08.2024 -  
Listado de terminales  
portuarios.

## Port Terminals concessioned

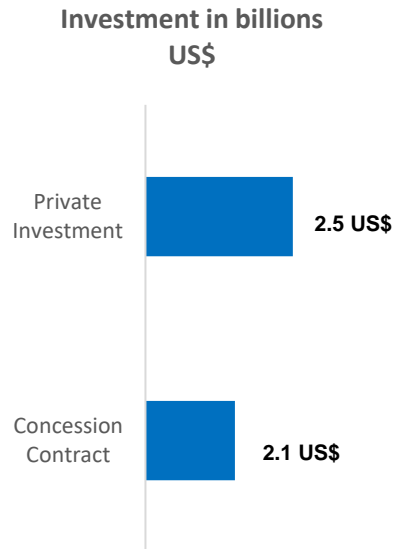
**2009****Paita PT**Terminales Portuarios Euroandinos S.A.  
USD 288.3**2018****Salaverry Multipurpose PT**Salaverry Terminal Internacional S.A.  
USD 136.6**2011****Callao North Multipurpose Terminal of the  
Callao PT**APM Terminals Callao S.A.  
USD 468.4**2006****Container Terminal South Zone of the  
Callao PT**DP World Callao S.R.L.  
USD 693.7**2011****Mineral Concentrate Shipping Terminal of Callao PT**

Transportadora Callao S.A.

USD 113.2

**Yurimaguas - Nueva Reforma PT**  
Concesionaria Puerto Amazonas S.A.  
USD 36.0**2011****General San Martín PT**  
Puerto de Paracas S.A.  
USD 183.4**2014****Matarani PT**  
Terminal Internacional del Sur S.A.  
USD 290.4**1999**

# Main investments in port infrastructure and equipment



Executed investment  
in billions **US\$**



**4.6**

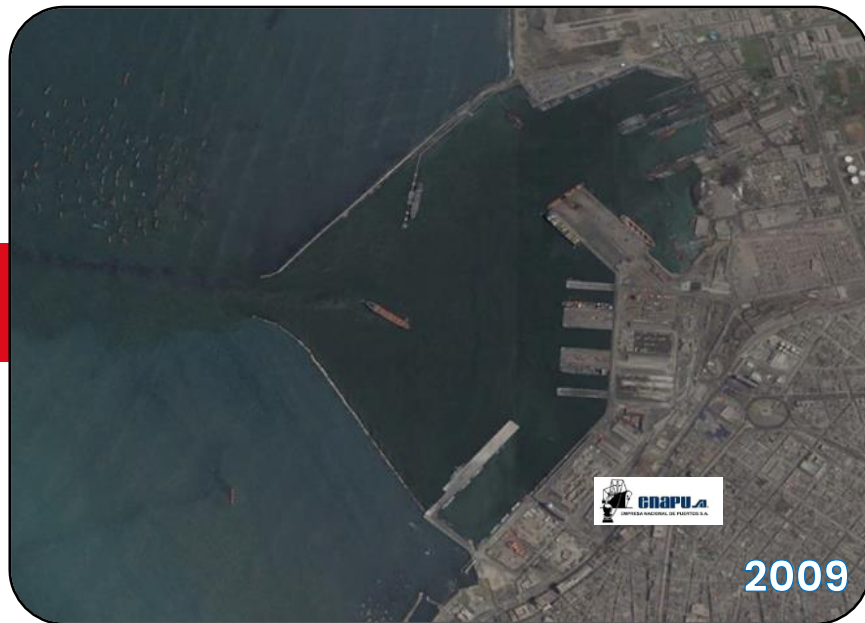
In the last 20  
years



Port equipment for  
**containerized cargo**

	Callao	Chancay	Paita
STS	17	6	3
RTG	52	15	6

## Modernization of Callao's Port Terminals



2009

MT: 27.6 millions

TEUS: 1.1 millions

Productivity: 12 cont/hour-crane



2024

MT: 52.2 millions

TEUS: 2.7 millions

Productivity: 35 cont/hour-crane



PERÚ

Ministerio  
de Transportes  
y Comunicaciones

Autoridad Portuaria  
Nacional



BICENTENARIO  
PERÚ  
2024

### 3. PORT SUSTAINABILITY STRATEGIES



## Eco-friendly equipment in the NPS



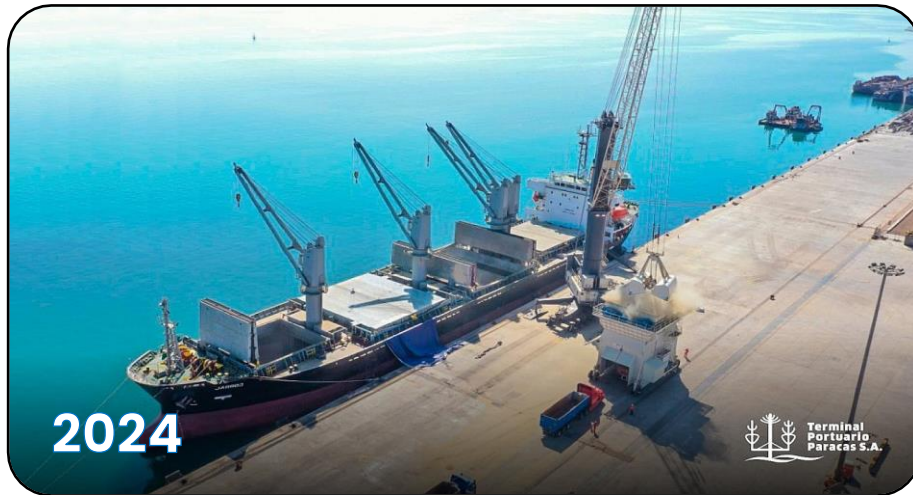
## Eco-friendly equipment in the NPS

Ecological Hopper

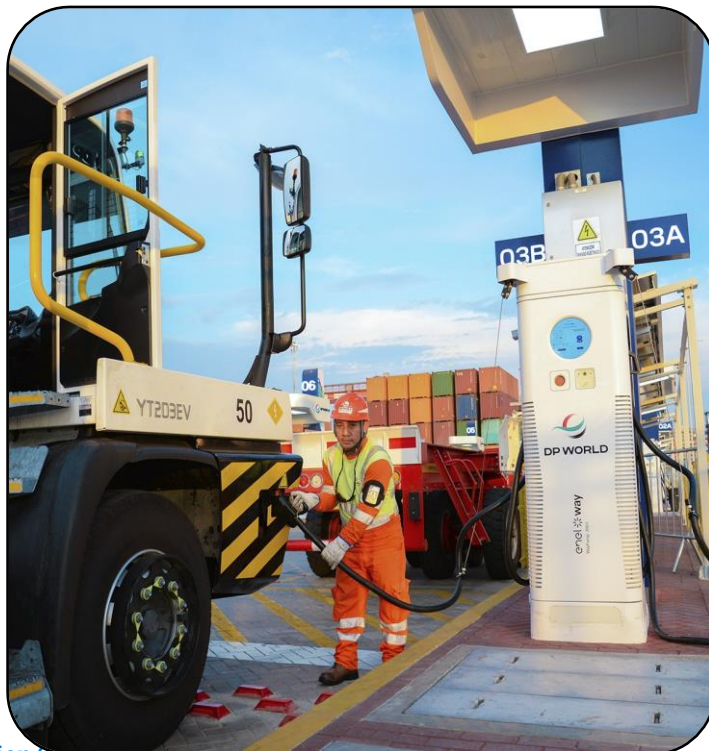


### General San Martin Port Terminal

- Containment of suspended particles.
- Maneuverability and travel speed.
- Optimization of discharge time.

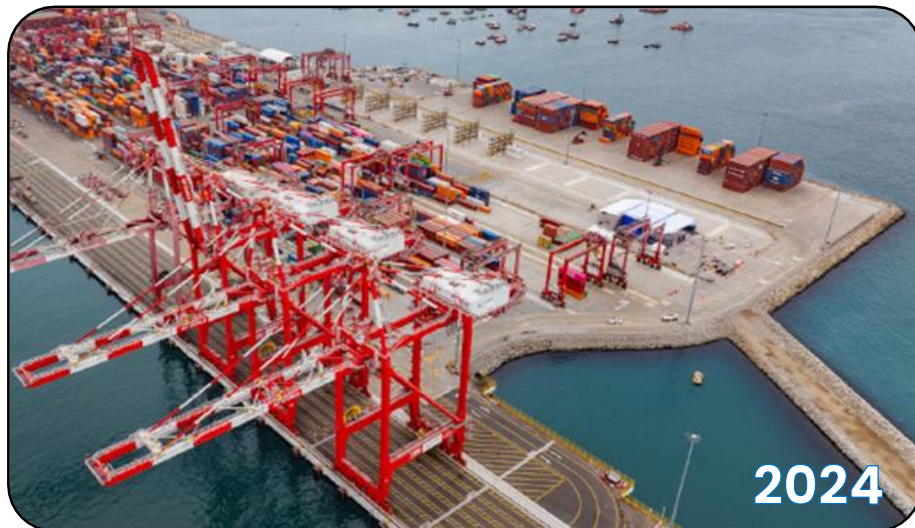


## Emission reductions through green technologies in the NPS



### Container Terminal South Zone of the Callao Port Terminal

- 22 electrical cranes.
- 20 electrical trucks.
- 10 electrical charging stations - 1st in Latin America.





# Chancay Multipurpose Port Terminal





PERÚ

Ministerio  
de Transportes  
y Comunicaciones

Autoridad Portuaria  
Nacional



BICENTENARIO  
PERÚ  
2024

 钱凯港

9.20 首次实船作业

## Emission reductions through green technologies in the NPS



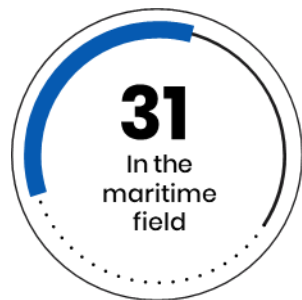
2024



**Chancay Multipurpose Port Terminal**  
6 STS, 15 ARMGs and 40 IGVs – Electrical energy



## ISO 14001 Certification of Port Terminal in the NPS



**64%**

Port terminals with ISO  
14001, handling **94.4%**  
of cargo.



# Measuring the carbon footprint in the NPS

Port terminals that measure carbon footprint for reduce greenhouse gas emissions

Port Administrators:







PERÚ

Ministerio  
de Transportes  
y Comunicaciones

Autoridad Portuaria  
Nacional



BICENTENARIO  
PERÚ  
2024

## 4. CHALLENGES FOR SUSTAINABLE PORT DEVELOPMENT

# CHALLENGES

## For sustainability in the NPS



PERÚ  
Ministerio  
de Transportes  
y Comunicaciones

Autoridad Portuaria  
Nacional



BICENTENARIO  
PERÚ  
2024

The government will evaluate the **carbon footprint** in the NPS to establish strategies for its reduction.

**100%** of port administrators continue to make commitments related to the SDG by 2030.

Promoting **private investment** for the supply of electricity to ships (Onshore power supply - OPS).

**100%** of Container Port Terminals with electrical equipment by 2030.

Ensure **sustainable connectivity** on amazonian waterways.



Ministerio  
de Transportes  
y Comunicaciones

Autoridad Portuaria  
Nacional



BICENTENARIO  
PERÚ  
2024

# THANKS.