



Enapor

Portos de Cabo Verde

Unindo as ilhas e ligando-as ao mundo

Global Supply Chain Forum
African SIDS' Ports and the Energy Transition
Bridgetown, Barbados
May 21-24



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Cabo Verde Islands – Energy Transition

To align to the Sustainable Development Goals (SDG) 7: Ensure access to affordable, reliable, sustainable and modern energy

To align to the Paris Agreement on climate change

Reach 30% of electrical energy production from renewable sources in 2025, exceeding 50% in 2030 and reaching 100% in 2040

Implementation of the national Program for energy sustainability and the Master Plan for the Electrical Sector

Reach 25% of the new acquisitions of the national fleet, by 2026, consisting of Electric vehicles

Acquisition of vehicles for public administration, managers and members of the Government should be electric

Support in the acquisition of energy production systems (solar panels)

ENAPOR –Portos de Cabo – Energy Transition Strategies and Actions

Upgrade the Port Lighting System to LED solutions.

Renewable Energy Production for Buildings, Exterior Lighting, Port
Equipment Charging Stations, Reefer Container Supply.

Upgrade conventional Port Equipment for electric solutions (Forklift,
Tractor, Vehicles).

Development of Environmental and Social Management Plan:

Electric Equipment Charging Station based on
Photovoltaic solutions

Port Management System/ digitalization/online
scheduling/Energy Audits

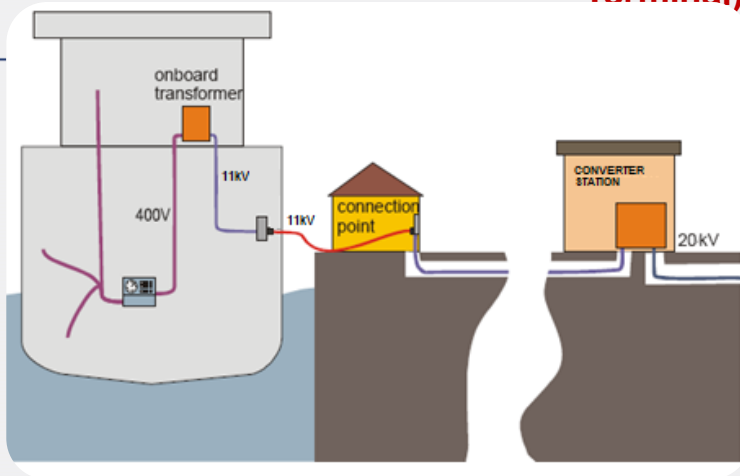
**OPS – Onshore Power
Supply for Mindelo
Cruise Terminal**



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Portos de Cabo Verde

Onshore Power Supply (Mindelo Cruise Terminal) /

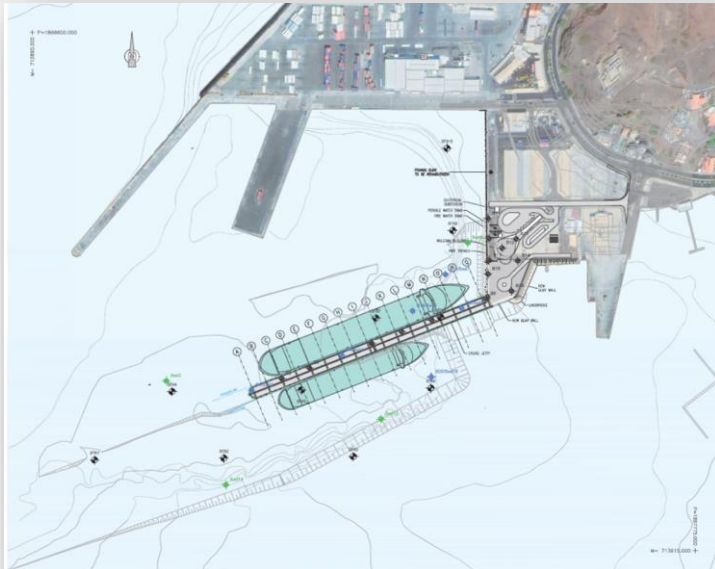


Ships can shut down their engines while berthed and plug into an onshore power source

Ship's power load is transferred to the onshore power supply without disruption to onboard services

Onshore power supply (OPS) is one of the strategies recommended by the World Port Climate Initiative for reducing the environmental impact of seagoing vessels in ports

Onshore Power Supply (Mindelo Cruise Terminal) / Resilience and Sustainability Trust



Compliance with Regulations, Frameworks and Initiatives for reduction of GHG emissions in Ports

- **National Master Plan** for the Energy Sector (Energy Transition based on Paris Agreement)
 - ✓ MARPOL 73/78, Annex VI and
 - ✓ EU Directives
 - ✓ World Ports Climate Initiative (WPCI)

- **Results estimated::**
 - ✓ Significant reduction of greenhouse effect atmospheric emissions
 - ✓ Improvement of air quality in ports and port cities
 - ✓ Reduction of noise and vibrations in the ship.
 - ✓ achievement of the United Nations Sustainable Development Goals (SDGs)

Budget for the Project: 18m€

#PORTOSDECABOVERDE

**Preparatory works during the construction:
concluded**