



Energy Transition : Experience of the Seychelles Ports Authority

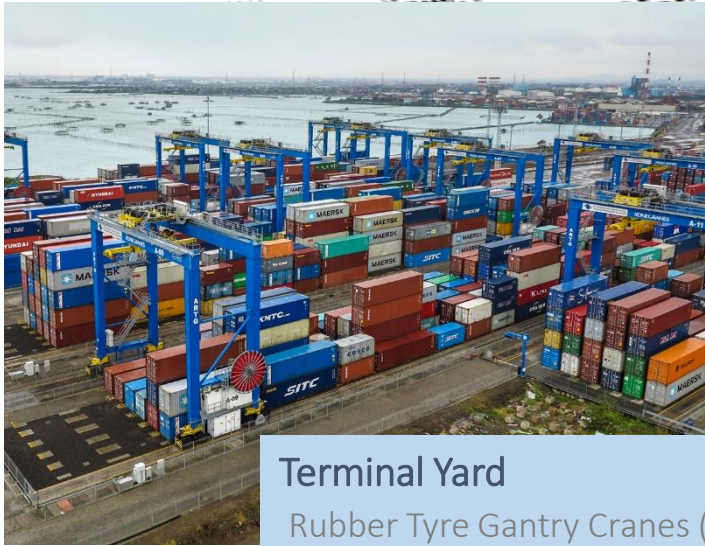
Hybrid meeting on *African SIDS' Ports and the Energy Transition*

Seychelles and Port Victoria

- Archipelago of 115 islands in the Western Indian Ocean, east of Africa
- Situated between latitudes 4° and 11° S and longitudes 46° and 56° E with an EEZ of 1.4m km²
- Economy dependent on tourism and fisheries



Port Victoria Rehabilitation & Extension Project



Terminal Yard

Rubber Tyre Gantry Cranes (RTGs)
Computerisation (TMS)
Higher efficiency / Faster throughput
Maximise small area



Mobile Harbour Cranes

20 – 25 moves per hour each

Gearless Vessels
Panamax & Post Panamax
New generation feeders



Energy Transition Strategies

- Green Port Policy in progress – collaboration between Ministries for Transport and Environment
- SPA to implement its own Green Port Policy based on the national policy, leading to strategies in
 - Energy efficiency – light saving bulbs, energy efficient appliances, energy efficient vehicles, better planning, digitalisation
 - Greening – offsetting our carbon footprint
 - Education and awareness to promote energy efficient practices in our daily activities in the port – switching off ACs and lights, etc

Short to Medium Term Projects

- **Solar Energy for Port Facilities**

As we build new facilities and redevelop existing, we plan to install solar panels on port terminal buildings, warehouses, and other suitable areas to harness solar energy for lighting, equipment, and other port operations.

- **Energy-Efficient Lighting**

Replace traditional lighting with energy-efficient LED lighting systems at all SPA premises (port facilities, terminal buildings, etc). LED lights consume less electricity and have a longer lifespan, reducing energy costs and maintenance requirements.

- **Energy Audits**

Conduct regular energy audits to assess energy usage patterns, identify inefficiencies, and prioritize energy-saving opportunities. We plan to start our first energy audit in the coming months with the help of the Department responsible for energy.

- **Employee Awareness and Training**

In the next quarter we will step up employee awareness to educate port staff about energy conservation practices and encourage their participation in energy-saving initiatives.

Long Term Projects

- **Efficient Cargo Handling Equipment**

Encourage port operators to invest in energy-efficient equipment, such as electric cranes, forklifts, and conveyor systems.

- **Waste-to-Energy Solutions**

Explore opportunities to utilize waste materials generated within the port for energy generation, such as through biomass or biogas systems.

- **Give Incentives to 'Green Vessels'**

Encourage shipping lines to call at Port Victoria with vessels that emit less carbon emissions

- **Green Shore Power**

Provide shore power to vessels from green electricity.

What Do We Need to Get There?

- Build capacity
- Exchanges for benchmarking
- Technical assistances to support in putting in place policies and frameworks

Thank you!