



Port Authority of Trinidad and Tobago

GREEN AND EFFICIENT PORTS: ADOPTING SUSTAINABILITY AND NEW TECHNOLOGIES – INSPIRING CASES IN LATIN AMERICAN AND CARIBBEAN PORTS

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SELA X OAS-CIP

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Agenda

- ✓ Overview
- ✓ PATT
- ✓ Sustainability projects and initiatives
- ✓ Challenges
- ✓ Advice/Lessons learnt
- ✓ Maintaining sustainability and the next steps



Overview

Balancing economic growth with environmental sustainability.





The Port Authority of Trinidad and Tobago

Established by the Port Authority Act 51:01 in 1961. The Port Authority, has direct responsibility for the Ports of Port of Spain and Scarborough, which are divided into **three Strategic Business Units (SBU)**:



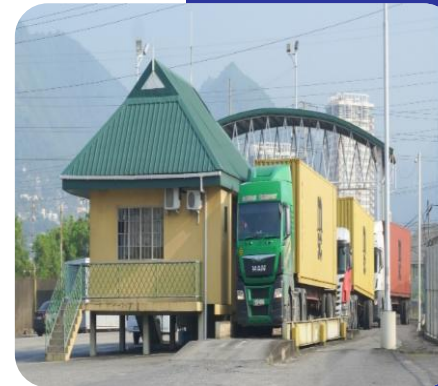
Landlord and
Real Estate,
Caricom,
Cruise Shipping



Inter-Island
Transfer



Cargo Handling
(container and
non-container)





Sustainability projects and initiatives

- ✓ Electrification of cargo-handling equipment
- ✓ Upgrade of equipment
- ✓ Onsite renewable energy
- ✓ Installation of LED lighting fixtures
- ✓ Installation of timers on lights and air-conditioning units
- ✓ Recycling program
- ✓ Digital Technologies for sustainable operations – TOS, PCS





Challenges

- ✓ Economic and financial ability to implement initiatives
- ✓ Development of infrastructure
- ✓ Legal framework
- ✓ Human element
- ✓ Legislation/ Institutional Framework





Advice/ Lessons Learnt

- ✓ Impact of decarbonisation to a nation's economy
- ✓ One size does not fit all
- ✓ There is no overnight success
- ✓ Communication
- ✓ Partnerships
 - 2018 – ECLAC
 - 2023 – UTT
 - Associations & Agencies





Maintaining sustainability and the next steps

- ✓ Climate Resilience and Emissions reduction
- ✓ Sensitization and communication
- ✓ Modernization of equipment (fuel efficient)
- ✓ Review and improvement of systems
- ✓ Capacity Building
- ✓ Bunkering

- ✓ Carbon sequestration projects – promote biodiversity and habitat restoration
- ✓ Adopt sustainable transport solutions - Use of electrical vehicles
- ✓ Energy efficient buildings – LEED certified
- ✓ ISO 14001
- ✓ Fiscal incentives
- ✓ National Climate Policy
- ✓ National Maritime Policy and Strategy



THANK YOU