Title: Green Transport Corridors in Asia and the Pacific: Focus on Nauru

Subtitle: Session 5: Subregional Characteristics and Regional Initiatives

Presentation



Presentation Main Points

- ✓ Introduction
- ✓ Introduction to Nauru
- ✓ Nauru's Transport Sector Overview
- ✓ Aiwo Port Renovation
- ✓ Potential for Green Transport Corridors in Nauru
- ✓ Sub regional Characteristics and Differences
- ✓ Sub regional Similarities
- ✓ Challenges
- ✓ Opportunities
- ✓ Conclusion

Introduction

Overview:

The presentation will explore the potential for developing green transport corridors across different subregions in Asia and the Pacific, focusing on the unique challenges and opportunities in Nauru.

Key Questions:

- What are green transport corridors?
- How can they be implemented in diverse subregions like Nauru?
- What role can regional cooperation play in accelerating these initiatives?

Introduction to Nauru

- **Location**: Small Island Developing State (SIDS) in the Pacific
- **Challenges**: Geographic isolation, limited landmass, reliance on imports, and unique climate challenges
- **Relevance**: Importance of regional cooperation for Nauru in transport sustainability
- **Context**: Infrastructural development and transport challenges in the context of climate change



Capital : Yaren
Population : Approx 12,668

Nauru's Transport Sector Overview

•**Current State**:
•No traffic signals or large-scale public transport
•Main infrastructure: Ring road connecting key areas
•Limited renewable energy integration in transport

•**Key Challenges**:
•Dependency on fossil fuels
•Vulnerability to climate change (sea level rise, extreme weather events)
•Limited funding for green infrastructure

Aiwo Port Renovation: A Key Step for Green Transport

•**Sustainable and Climate-Resilient Connectivity Project**:
•Funded by the ADB, Green Climate Fund, and the governments of Australia and Nauru
•Infrastructure: New wharf, berth pocket, and breakwater, with port buildings and security facilities being reconstructed (NauruPort)

•Supports more efficient maritime trade, crucial for Nauru's **import-reliant economy**
•**Green Maritime Potential**:
•Key opportunity to integrate **low-carbon maritime transport**, positioning Nauru for regional green shipping initiatives (Asian Development Bank)



Potential for Green Transport Corridors in Nauru

•**Maritime Focus**:
•Strengthened shipping lanes with low-carbon fuels
•Electrification of small vessels, enhancing the use of the renovated Aiwo Port

•**Electric Mobility**:
Discussions have begun on implementing **E-vehicles**, particularly **E-buses** explored during a visit to China
•Key Challenge: Lack of **charging infrastructure**, which will need to be addressed for successful EV adoption



Sub regional Characteristics and Differences

•**Pacific Subregion**:
•Dispersed islands, reliance on maritime transport
•Challenges: High costs, vulnerability to climate change, limited infrastructure
•Opportunities: Sustainable shipping initiatives and EV adoption
•**Asia Subregions**:
•More advanced transport systems, models of electrification and green logistics
•Potential for **technology transfer** to Pacific islands like Nauru

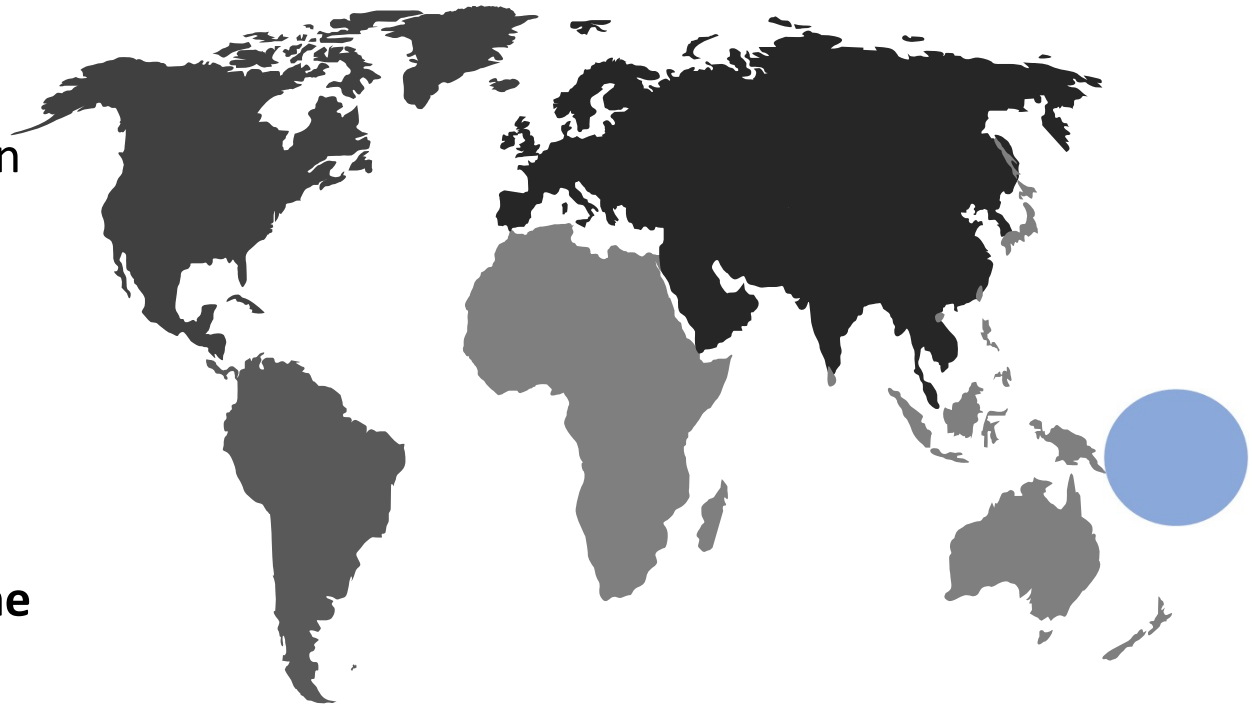


Subregional Similarities

- **Common Goals**: Reducing carbon emissions in line with climate targets

- Adaptation of infrastructure to climate impacts

- Collaborations on **green maritime corridors** and **EV infrastructure**



Challenges to Green Transport Corridor Development in Nauru

Geographic Isolation:

- Nauru's remote location limits its connection to larger regional networks, complicating efforts to integrate into **green transport corridors**. Dependence on maritime and air transport increases **logistics costs** and delays infrastructure projects like **EV charging ports**.

Funding:

- Nauru requires significant **international financial assistance** for green transport projects. Current budgets are limited, and while partnerships with organizations like **ADB** are beneficial, the island needs to attract more **private-sector investment** and develop stronger **public-private partnerships**.

Capacity Building:

- Limited local expertise in **green technologies** hinders progress. The absence of technical training programs in areas like **EV maintenance** and **renewable energy** makes it difficult to adopt and sustain green transport solutions. Nauru must collaborate regionally to **upskill** its workforce.

Opportunities for Regional Cooperation



Knowledge Sharing:

- Learning from advanced subregions in Asia on electrification, renewable energy integration



Sustainable Shipping:

- Developing low-carbon shipping routes via regional cooperation



Leveraging Support:

•Utilizing frameworks like **PRIF** and **Pacific Resilience Program** to enhance transport resilience

Conclusion: Nauru's Role in Regional Green Transport

- **Vision**: Nauru as a participant in regional efforts for green and resilient transport systems

- **Call for Action**: Encouraging regional cooperation and innovation to support small island states like Nauru





Thank You!

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Any Questions?



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