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URBAN TRANSPORTATION SYSTEMS IN SELECTED SMALL DEVELOPING ISLAND STATES: A COMPARATIVE ANALYSIS

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Framework

Target countries	Fiji, Papua New Guinea (PNG), Jamaica, Maldives, Mauritius
Description	Review of the urban transportation of the capital cities
Objective	To understand the impact of transportation on the Quality of Life
	Specific urban challenges and opportunities in the Pacific
	Learning lessons for the Pacific islands from other SDIS
	Policy intervention for the effective urban transportation
Methodology	Desktop study of the concerned papers


Framework for Transportation-QoL:

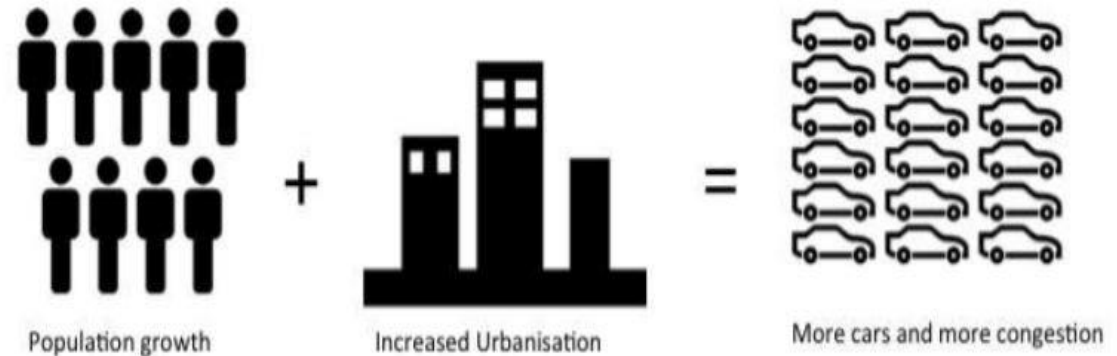
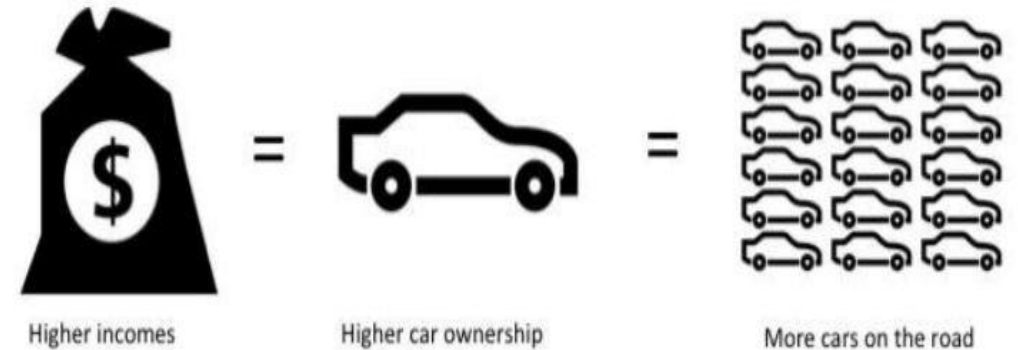
- Quality of Life and Standard of Living
 - Absence of stress & restrictions, feeling of well being and optimism
 - Measure of wealth and independence

Transport problems disrupt quality of life



Issues Requiring Attention in the Pacific

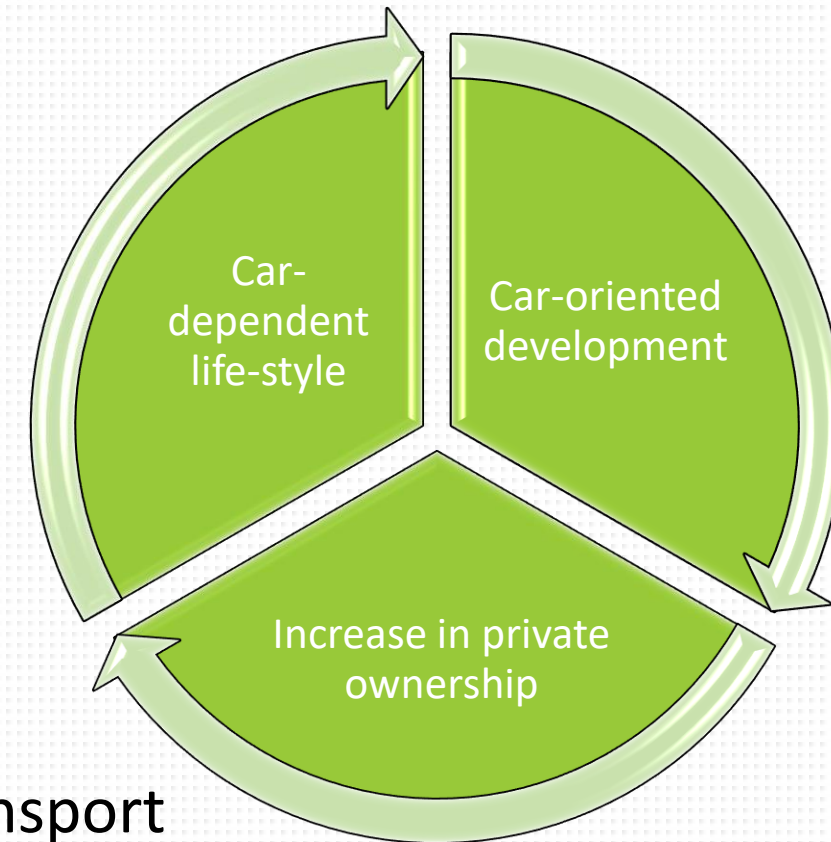
- **Rapid urbanization**
 - Urban population  from 20% in the 1950s to 48% in 2018, projected to rise to 55% by 2050 (ADB Statistics)
- **Increase in motorization**
 - Motor vehicle fleet are already doubling every **5 to 7 years**
- **Low quality public transport**
 - Poor non-motorized transport (NMT) infrastructure
- **Weak institutional capacity**
 - Lack of Resources



Challenges and opportunities for Suva:



- **Challenge:** lack of institutional capacity
- **Opportunities:**
 - Strong institutional capacity
 - Technological innovation in the bus industry
 - Bus Modernization schemes
- **Challenge:** lack of integration
- **Opportunity:**
 - Integrating new major developments with Public Transport



Challenges and opportunities for Port Moresby:



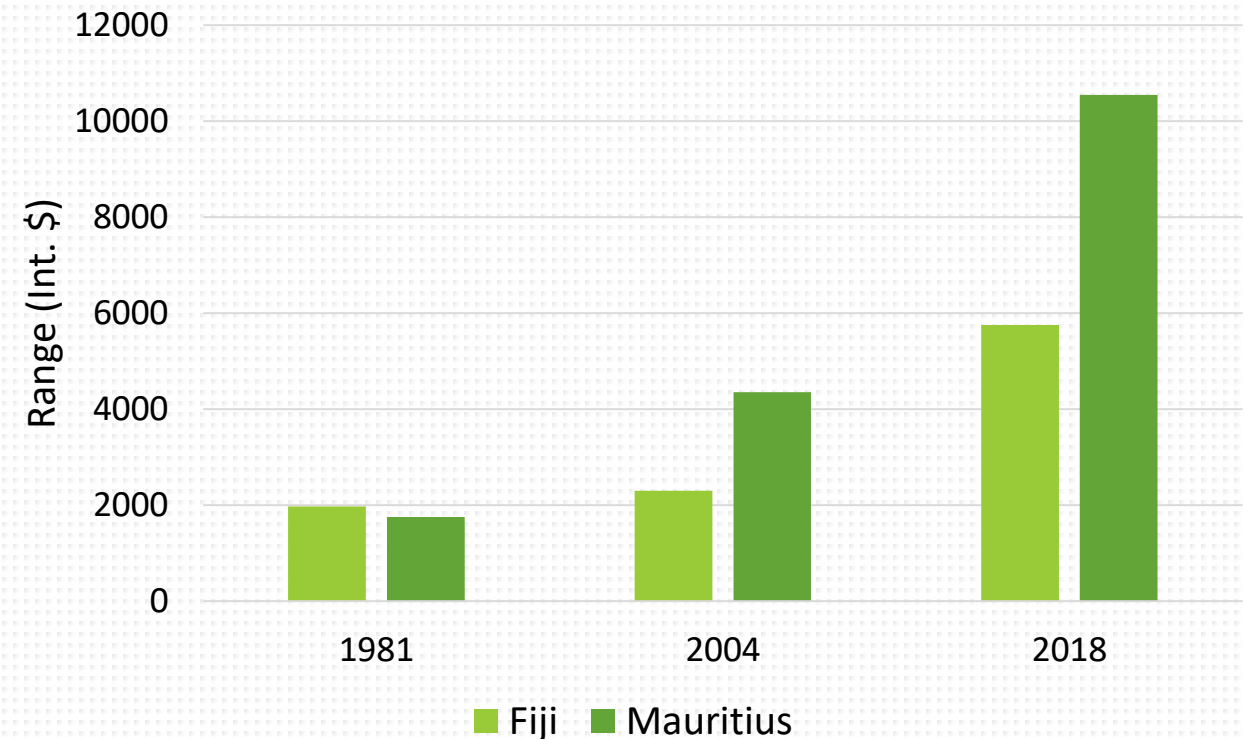
- **Challenge:**
 - Lack of proper public transport infrastructures
 - Inefficient monitoring and evaluation system
 - Inefficient public authorities and usage of public resources
- **Opportunity**
 - Formation of single entity
 - Dissolution of institutions that are duplicating the responsibilities

Lessons from other SDIS:

- Integration of Land use and Transport (**Pattern of Port Louis**)
 - Review of existing parking management system
 - Construction of transit oriented development
- **Incentives** to encourage public transport (**Port Louis**)
- Smart card for Public Transport Systems (**Kingston & Port Louis**)



GDP Per Capita for specific SDIS



Lessons from other SDIS:

- **Case of Mauritius** (A simplified and accelerated example)
 - Investments in public transport infrastructure
 - **Maynard Keynes theory** (social benefit and economic growth)
 - Focus on quality, efficacy and innovation in the bus industry
- Port Moresby can have “**Gender sensitive infrastructure**” as that of Kingston
- “**Male free bus**” for women in Port Moresby is a temporary solution

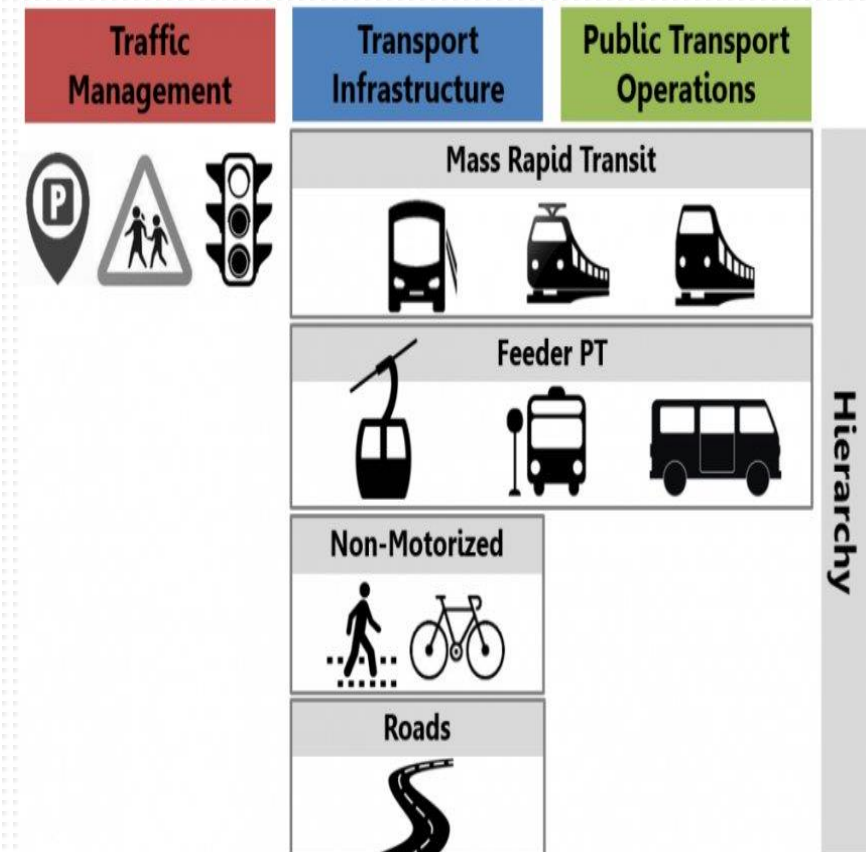
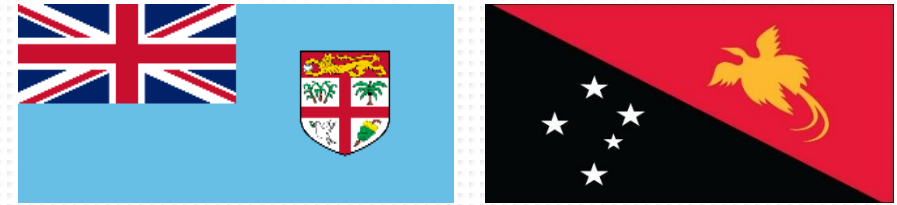


Figure 1: Transport options to decongest highways and improve travel experience

Thank you for listening
Q &A