Transition to Low Carbon Mobility Workshop 2022
Contents

01 Fiji Transport Sector
  - Country Context
  - Transport Sector

02 Policies And Strategies
  - Policies in Place
  - Current E-Mobility Projects

03 Challenges And Priorities
  - Challenges
  - Priority Goals
Fiji: Country Context

332 islands in Fiji; approximately 33% inhabited

Total Population
- 49% Female
- 51% Male

Modes of Transport
- Land
- Maritime
- Air

Source: Fiji Bureau Statistics
Land Transport

• The regulatory authority for land transport in Fiji.
• Operates under the Land Transport Act 1998

• The top three trading partners in vehicle imports are Japan, Korea, and Thailand.
• More than 80% of registered vehicles are Internal Combustion Engine Vehicles (ICEVs).
• Due to tax incentives in 2014, there is a rise in the adoption of Plug-in Hybrid Vehicles (PHEVs).

Data on registered vehicles indicate that more than 70% are privately owned.
Maritime Transport

- The regulatory authority for maritime transport in Fiji.
- In addition, the authority's responsibility to ensure commitment to the International Maritime Organization.

- Over 3000 registered vessels ranging from pleasure crafts to cargo and passenger vessels.
- Additional to local vessel operators that provide service between maritime islands, Government has fleet of 12 vessels that facilitates transportation and infrastructure development in maritime islands.
Targets
## Current Policies And Initiatives

<table>
<thead>
<tr>
<th>Policies/Framework</th>
<th>Projects/Initiatives</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Development Plan 2017-2036</td>
<td>E-Shuttle Bus Pilot Project</td>
</tr>
<tr>
<td>Low Emissions Development Strategy 2018-2050</td>
<td>Government Fleet Decarbonisation</td>
</tr>
<tr>
<td>National Determined Contribution-Updated</td>
<td>Climate Investment Funds (CIF) - Electric Vehicle-Charging Infrastructure Investment Plan</td>
</tr>
<tr>
<td>Greater Suva Transportation Strategy 2015-2030</td>
<td>Consultancy For Legal Assistance To The Launch-Of Electric Vehicle Charging In Fiji</td>
</tr>
<tr>
<td>Climate Change Act 2021</td>
<td>Pacific Blue Shipping Partnership</td>
</tr>
<tr>
<td>Climate Change Bill 2021</td>
<td>Preparing Clean and Renewable Energy Investments in the Pacific</td>
</tr>
<tr>
<td>Green Growth Framework</td>
<td></td>
</tr>
<tr>
<td>NDC Implementation Roadmap</td>
<td></td>
</tr>
</tbody>
</table>
Challenges Faced

01 ENVIRONMENTAL
- Aging Fleet
- ¾ Emissions from Transport Sector

02 CAPACITY
- Limited awareness of Electric Vehicle
- Lack of Training – Local Staff

03 FINANCIAL
- High Cost of EVs
- Lack of Finance mechanisms

04 STRATEGY
- Data Gaps for project evaluation
Priorities

- **National Electric mobility strategy.**
  Development of a national electric mobility strategy for cars, taxis, buses and trucks, including hybrid electric and electric vehicles.

- **Transition to hybrid-electric and electric vehicles**
  Promotion of hybrid electric vehicles (HEVs) – cars, taxis, and buses.

- **Finance Mechanisms**
  Create finance mechanism and business models to fit Fiji.

- **Feasibility Studies and Pilot Projects**
  Conduct feasibility studies and pilot project for proof of concept.

- **Transport Planning Database**
  Design and implement database for future transport plans.
Thank you