Ministry of Public Works and Transport
Department of Transport

The Green Growth Forum 2022
Sectoral Innovations 2:
Powering Forward with Electric Mobility

Presented by:

Mr. Vilaysack BOUTSAMALY

Director of Vehicle and Machinery Management Division

How can LAO PDR scale up the electrification of its transport sector?

The transport sector is preparing or implementing plan to scale up the EV from 2022-2025, under the following:

1. Vientiane Sustainable Urban Transport project;
2. Cooperation plan;
3. Researching regulation.

1. Vientiane Sustainable Urban Transport project

- **Frame Work:** (2015-2025)
- **Project Financing Amount: US$ 99,700,000**
- **ADB Financing: US$ 35,000,000**
- **Cofinancing (ADB Administered): US$ 16,840,000**
- **Non-ADB Financing: US$ 47,860,000**

The target of this project:

- Improving transport system in urban;
- Providing public transportation services;
- To resolve traffic congestion;
- To reduce road accident cases;
- To reduce air pollution in urban.

Reference links:

- Vientiane Sustainable Urban Transport project

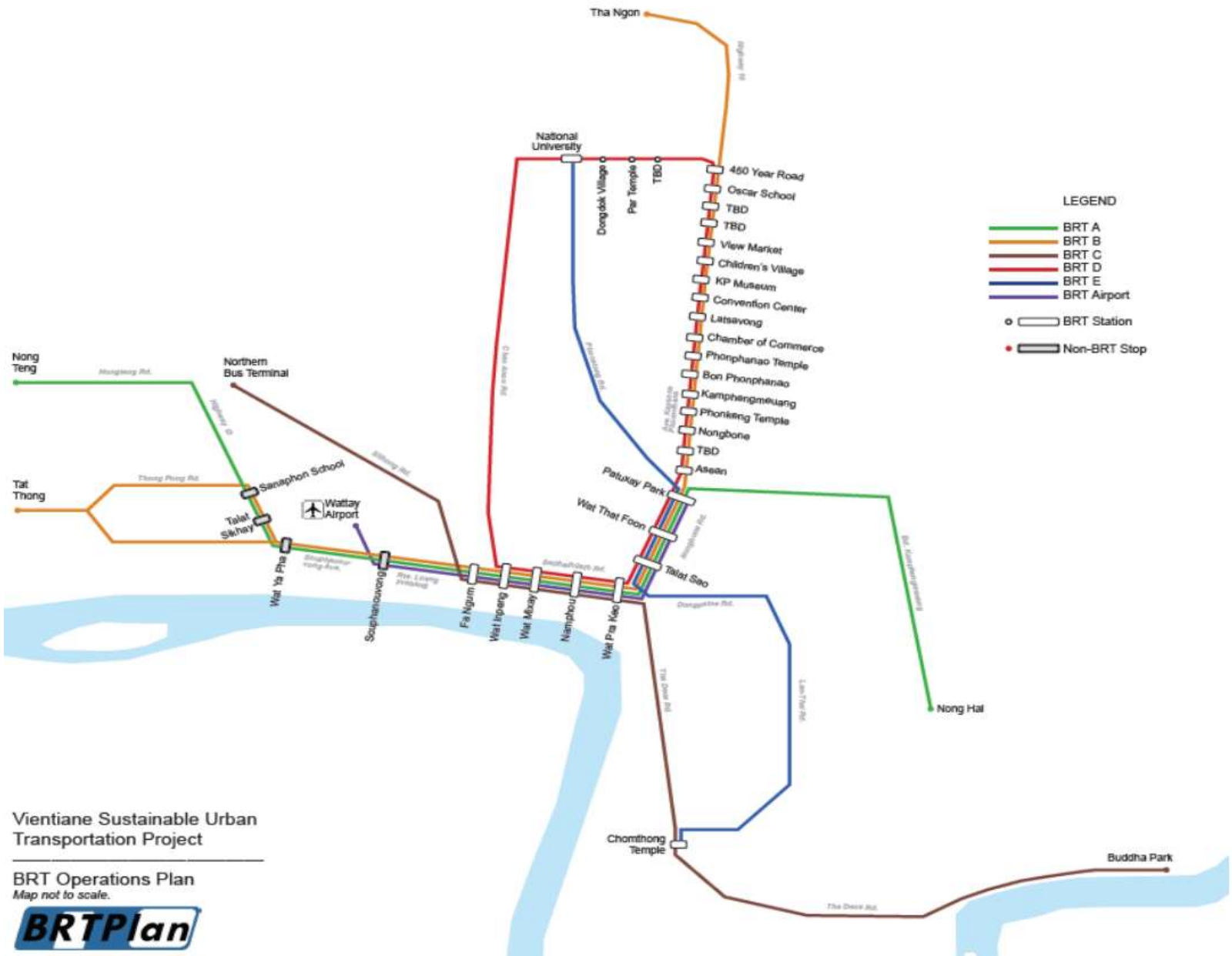
1. Vientiane Sustainable Urban Transport project

The Project has estimated plan to purchase the EV:

1. EV Bicycle 3 wheels: 150 unit;

2. EV Bus: 55 unit.

1. Vientiane Sustainable Urban Transport project



1. Vientiane Sustainable Urban Transport project

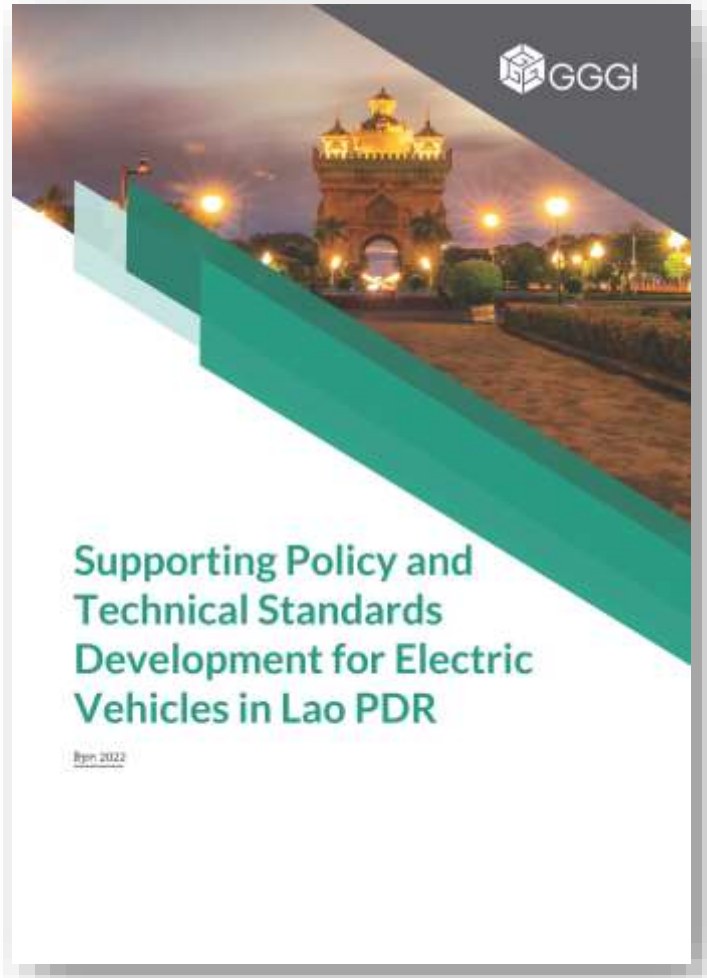
The project has estimated the fare of electric bus:

Bus routes	New bus route	Estimated Fare		
		In 2022	In 2027	In 2032
BRT5A-6	BRT A	13156 KIP	14931 KIP	16319 KIP
BRT5B-2	BRT B	10536 KIP	12691 KIP	15156 KIP
BRT1-4N	BRT D	8855 KIP	11982 KIP	18027 KIP

2. Cooperation plan

- GGGI has a plan to implement the EV activities in 2023;
- Feasibility study project on Luang prabang smart city;
- Vientiane - Nongkhai Cable Car F/S by GIZ.
- Mekong - Lancang Cooperation Special Fund;
- Booyong company has unofficially planned to support and provide electric vehicles which has 100 units;

EV Technical Standards Development



- Rationale and Priority Setting
- Gap Analysis
- Standardization
- Total Cots of Ownership Analysis
- EV Uptake Impact Analysis
- Supporting Policies

Groundwork for e-mobility investments in Laos

- Project financed by Green Climate Fund and implemented by GGGI

	Activities
1	Update “Regulation on Ground Vehicles Registration and Management”, and “Regulation on Vehicles and Spare Parts Standards for Importation, Registration and Assembly to use in Lao PDR” to integrate EVs
2	New policy incentive mechanism to accelerate the phaseout of fossil fuel vehicles
3	EV training curriculum targeting government agencies and training sessions
4	National scale EV Communication Strategy
5	A public online platform to disseminate EV training materials as well as EV regulations
6	Pre-feasibility study for an EV financing facility
7	Develop one high quality GCF Concept Note to mobilize financing towards e-mobility transition

3. researching regulation related on the EV.

- Resolution no.08/gov.la (1);
- Land Motor Vehicle law no 04/ne.la(2);
- researching some regulations.

Reference links:

(1) Resolution no 08;

(2) Land Motor Vehicle Law.

Thank you for Attention