Vientiane Sustainable Urban Transport Project in Lao PDR

Presented by Panya Manivong
Deputy head of Environmental Division
Vientiane Urban Development and Administration Authority (VUDAA)
General Information of Vientiane Capital

- Capital of Lao PDR
- Political, commercial and cultural center of the Nation
- Covers 3,920 km²
- Vientiane Capital is comprises with 9 administrative districts
- Population: 972,000 inhabitants
Traffic congestion situation in Vientiane Capital

- Illegal parking
- Driver not good attitude
- Not enough parking space
- Vehicle increase year by year
- Few people using public transport

- Not enough public transport
- Some road section is not linked
- Some road is not good quality
- Poor traffic management
Future Plan and solving from 2019 to 2023
Efforts on Sustainable Transport for Vientiane (1)

Efforts in the past

1. Mostly focused on road network improvements (Roads/Vehicle Oriented);

2. Resulted in unsustainable solution, More Roads → More Vehicles;

3. Thus, from various studies finally came up with projects...
Efforts on Sustainable Transport for Vientiane (2)

1. **2004-2005** began developing Environmentally Sustainable Transport “EST” supported by UNCRD

2. **2007-2008** Vientiane Urban Transport Master Plan by JICA

3. **2010** Prefeasibility study on Vientiane Sustainable Transport Project (VSUTP) by ADB

4. **2012** Purchase of new 42 buses by JICA;

5. **2012-2014** Technical cooperation for enhancing Vientiane bus management by JICA;

6. **2012-2014** VSUTP Project Preparatory Technical Assistance (PPTA) by ADB
VSUTP Components

1. Public transport system
2. Parking management and enforcement
3. Traffic management system
4. Public space and non-motorized transport
5. Institutional capacity
84 km of public transport network
11.5 km of dedicated busway
NS1-Talat Sao
(After-option2)
NS3-VTE High School
(After)
NS15-Talat Sao Mall
(Before)
Modern, clean vehicle technology
Integration with existing services
Traffic signal upgrades
Traffic Circulation Improvements
Technology for parking management and enforcement

Parking sensors for real-time occupancy information

Real-time vacancy information
Rue Hengboun (before)

Non-Motorized Transit (NMT)
Chao Anou Road (before)

Non-Motorized Transit (NMT)
Chao Anou Road (after)

Non-Motorized Transit (NMT)
Rue Francois Ngin (before)

Non-Motorized Transit (NMT)
Rue François Ngin (before)

Non-Motorized Transit (NMT)
Thank you very much for your attention.