

Low Carbon Transport Initiative in Laos: E-Tuktuk Public Transport in Luangprabang, World Heritage City

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Minsitry of Public Works and Transport

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1. Progress of the EST Strategy Endorsement

1. Low Carbon Transport Study in Lao PDR

1. E-Tuktuk Public Transport in Luangprabang

1. Progress of the EST Strategy Endorsement

- ❑ The DRAFT EST officially submitted to the Government of Lao PDR (GOL)
- ❑ GOL will be considering during the Cabinet Meeting in 2015

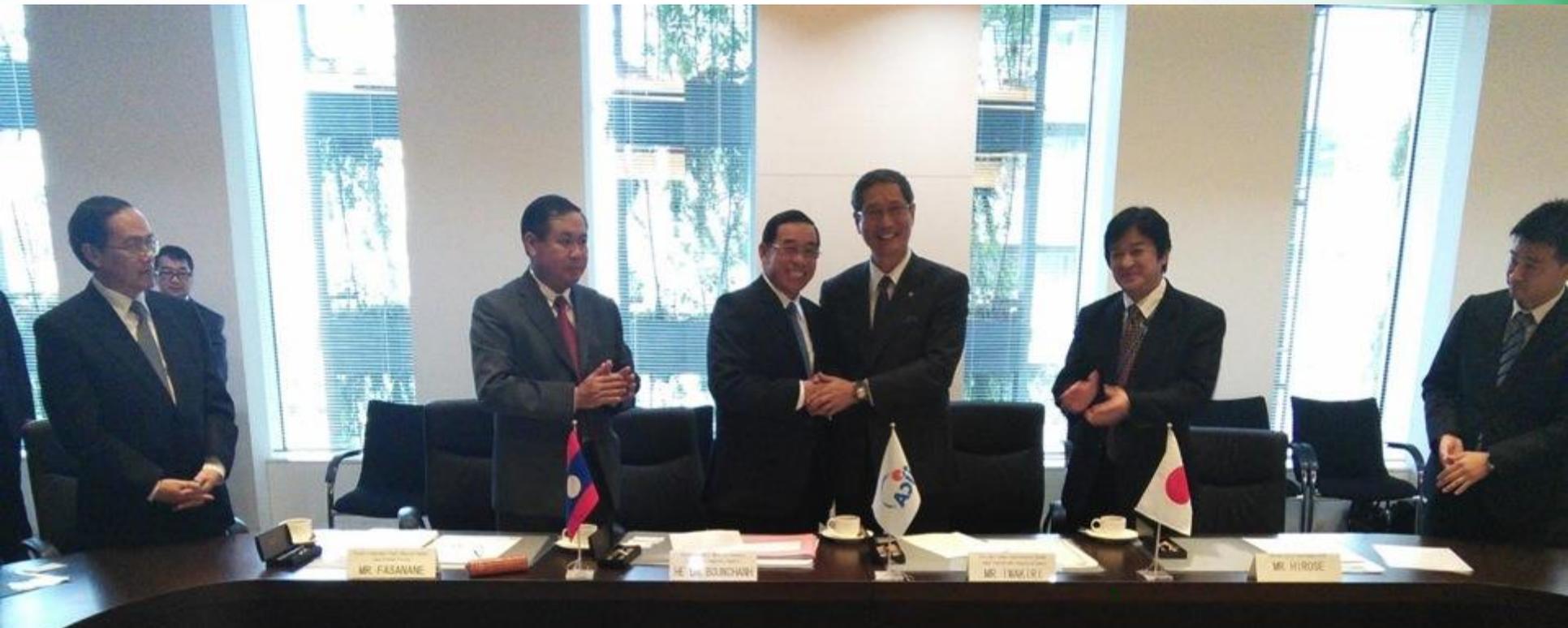
2. Low Carbon Transport Study in Laos

JICA in 2012-2013

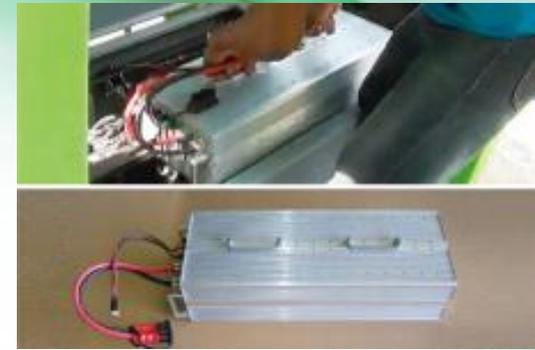
- ❑ Current Situation & Forecast of Transport Sector
- ❑ Zero (Low) Emission Transport
- ❑ Expected Impact and Opportunities of Introducing EV to Laos
- ❑ Possible Approach for “**EV Motorization**” in Laos

3. E-Tuktuk Public Transport in Luangprabang (1)

Dr. Bounchanh SINTHAVONG, Minister of PWT, LaoS
Mr. Fasananh, Director of DPWT LPB
Mr. Iwakiri Director General of DSPD, JICA
Mr. Hirose, Representative Director of Prozza Corporation
Signed in Tokyo, October 21, 2014



3. E-Tuktuk Public Transport in Luangprabang (2)



30 Nos. of Portable Lithium-ion Battery

JICA donates to Luangprabang DPWT 14 units of 3-wheels EV “Pecolo”, and 2 units of the battery exchange station .



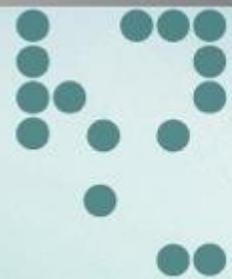
2 units of Miletto, the electric motorbike.

3. E-Tuktuk Public Transport in Luangprabang (3)



Opening Ceremony by Governor of Luangprabang 08 Sep 2015

3. E-Tuktuk Public Transport in Luangprabang (4)



E-Tuktuk Station



3. E-Tuktuk Public Transport in Luangprabang (5)



E-Tuktuk Station

3. E-Tuktuk Public Transport in Luangprabang (6)



Battery charging station
and
Exchanging station

3. E-Tuktuk Public Transport in Luangprabang (7)

Operation Plan

Route 2, 3

Operation : 10-15 minutes interval (1st quarter)

Vehicles : Mixture of Existing 4-wheels and new 3-wheels
depend on demand

Route 3
Muangnan Bus Stn.
– LPB Center
/Circulation Service
5.3km

Route 2
Lak Xi - Pak kan /
Shuttle Service
7.5km



3. E-Tuktuk Public Transport in Luangprabang (8)



ແຜນທີ່ຂັບທາງລົດໄຟຟ້າ
E-Bus Route Map

Fare (flat rate)

Green Line	3,000 Kip
Yellow Line	3,000 Kip
Red Line	5,000 Kip



Zero emission vehicles named "E-Bus" will provide you with a quiet and comfortable ride around the world heritage town. Please buy a ticket from our our partner shops, restaurant, hotels, or guesthouses that you can see our logo - E-Bus hanging on their door or place on their counter
Bon voyage!!

ບໍລິສັດຂົນສົ່ງໂດຍສານ ລາວກຼີນ

ໂຄງກຳລັງ
ຂົນສົ່ງສາທາລະນະ
(ຕົວ)
ສະໜອງ ທີ່ 972027
020 9927188

ບໍລິສັດ ລາວກຼີນ ຂົນສົ່ງໂດຍສານປະຈຳທາງ

Lao Green Electric Vehicle Service

ຈາກສະຖານີ ຫາ ມະຫາວິທະຍາໄລ ສຸພານຸວົງ

(ຖະໜົນສາຍເສັ້ນແດງ) Red Line

ເວລາອອກລົດ/Achedule (Every hours)

AM	PM
07:00	13:00
08:00	14:00
09:00	15:00
10:00	16:00
11:00	17:00
12:00	18:00
	19:00

ລາຄາຜູ້ໂດຍສານ 5,000ກີບ /ຄົນ/ຖ້ຽວ

ໝາຍເຫດ: ບໍລິການທົ່ວໄປ, ຮັບ - ສົ່ງແບບສ່ວນຕົວ, ພາທຽວຕົວເມືອງ ຫຼວງພະບາງ
ແບບເຕັມມື້ ແລະ ເຄິ່ງມື້

3. E-Tuktuk Public Transport in Luangprabang (9)



Operation

3. E-Tuktuk Public Transport in Luangprabang (10)



Operation

3. E-Tuktuk Public Transport in Luangprabang (11)



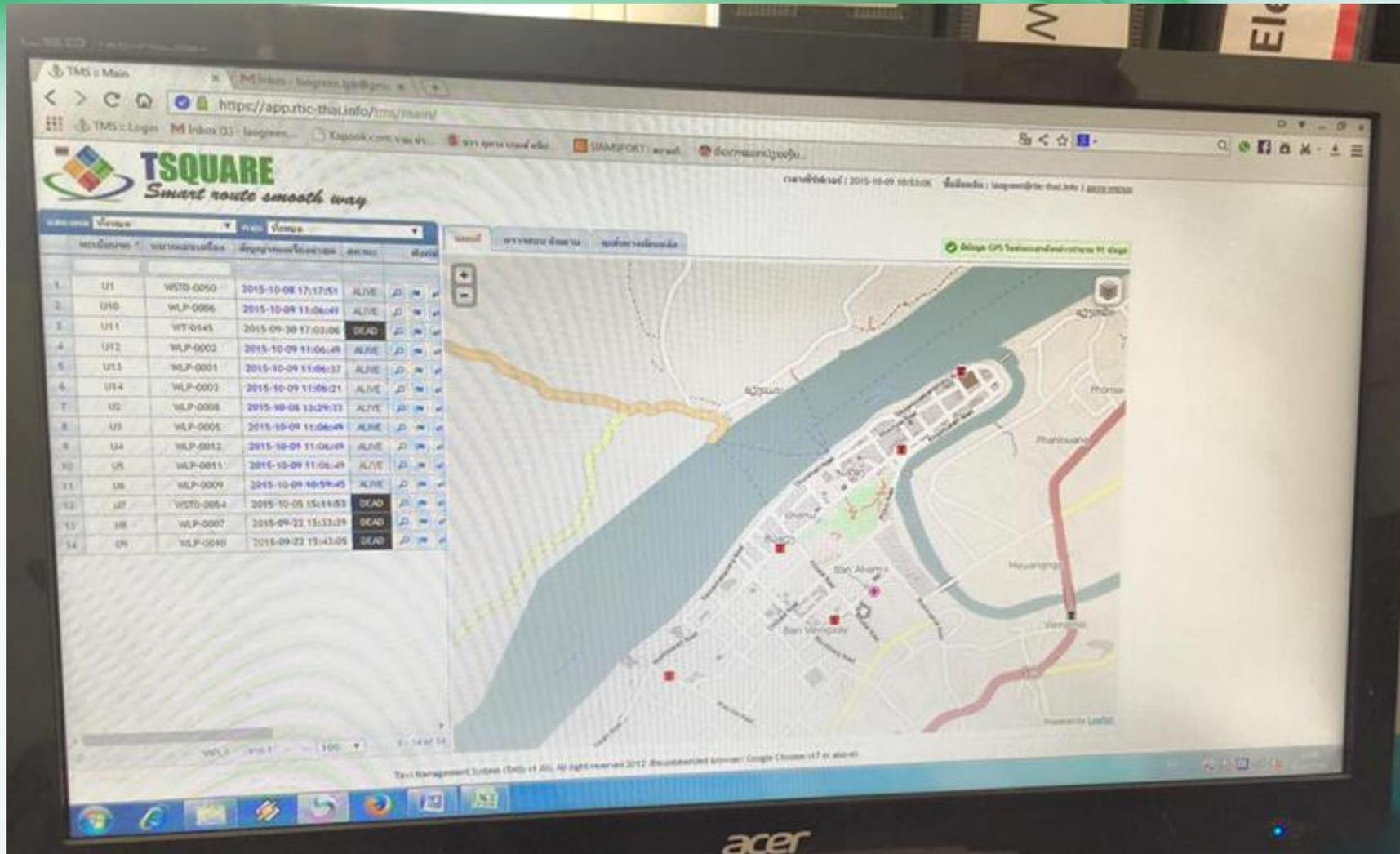
Operation

3. E-Tuktuk Public Transport in Luangprabang (12)



Following up....09 Oct 2015

3. E-Tuktuk Public Transport in Luangprabang (13)



Tracking system for Luangprabang EV Tuk-Tuk

3. E-Tuktuk Public Transport in Luangprabang (14)

Future plan:

100 more units of E-Tuktuk for route service expansion

Thank You

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