

Intergovernmental Eleventh Regional Environmentally Sustainable Transport (EST) Forum in Asia

2-5 October 2018, Ulaanbaatar, Mongolia

COUNTRY PRESENTATION CAMBODIA

By **KONG Sophal**,

DDG, General Department of Land Transport

Ministry of Public Works and Transport, CAMBODIA

Email: k_sophal@yahoo.com

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I. About Cambodia



Capital	Phnom Penh
Area	181,035 Km2
Population	15.58 millions, as of 2015
Annual Population Growth	1.54 %
Urban Population	20 %
Number of Major Vehicle	4.50 million vehicles (2018) Cars 15%, Motorbike & Tricycle 85%



II. Some Fact Findings

- **Rapid growth of population in Urban Areas**
 - ✓ Population growth rate in the city is around 3.9% per year
 - ✓ Fix population living in Phnom Penh: 1.95 millions in 2017, population density: 2,870 people per Sq.km
- **Rapid increase the number of vehicles**
 - ✓ Road Transport mode keeps increasing
 - ✓ Total 4.52 millions Vehicles, Motorbike 85.40%, Car 14.60%
 - ✓ Vehicles average growth rate: +15.60% (2008-2018)
- **Existing Roads in cities are narrow with too many intersections, no more space to widen**
- **Heavy rain, frequent flood**

II. Some Fact Findings (Cont...)

- **Insufficient Public Transport System**
 - ✓ Private-oriented transport mode is still popular
 - ✓ Many plans, but difficult to make it happen
- Traffic Law enforcement is not so strict
- Relies on the fossil fuel vehicles and most vehicles are second-hand
- Poor road users behavior



II. Some Fact Findings (Cont...)

Issues

- **Heavy traffic congestion in the cities**
 - ✓ Travel time increases 4-5 times compare to last 10 years
- **Traffic accidents**
- **Air pollution**



III. Major Initiatives/Plans

Soft component

Developed the comprehensive urban transport plan:

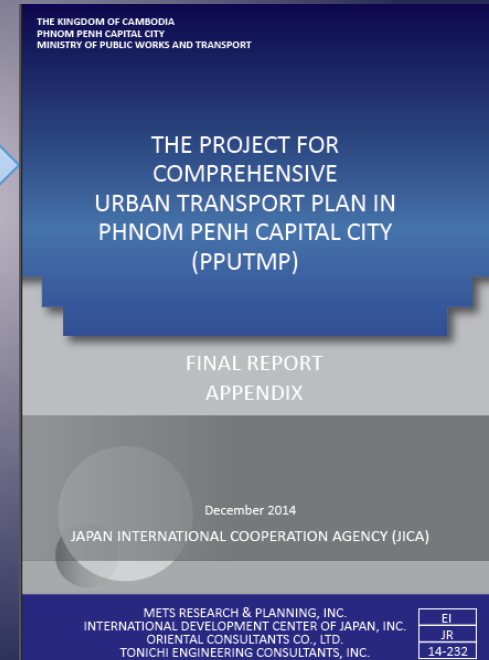
- Provide guidance for a Comprehensive Phnom Penh Urban Transport Development (by Jica)

Established Inter-ministerial committee to solve the traffic congestion problem:

- Finding problems, Taking actions

Established a new Department in MPWT: Department of Urban Public Transport:

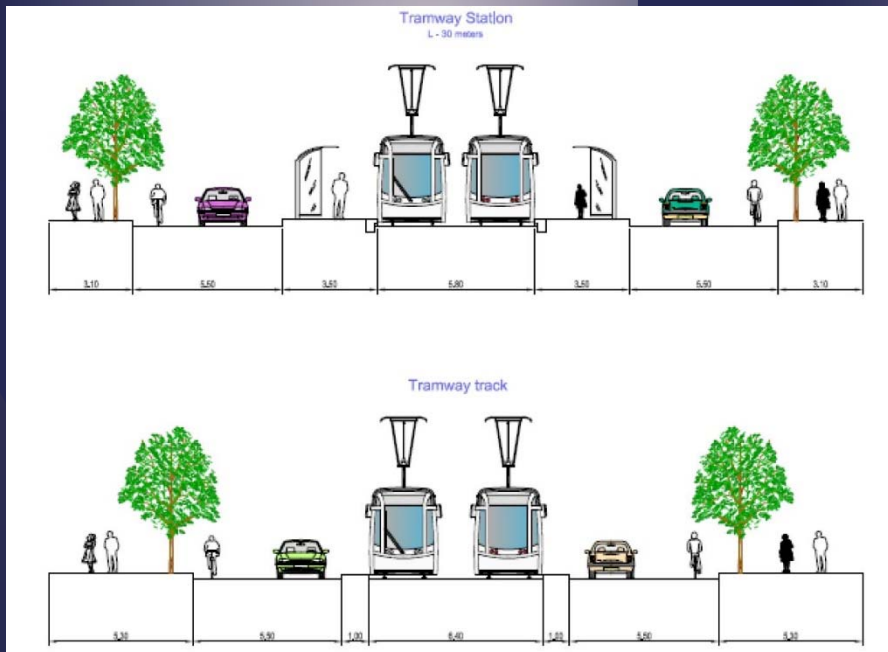
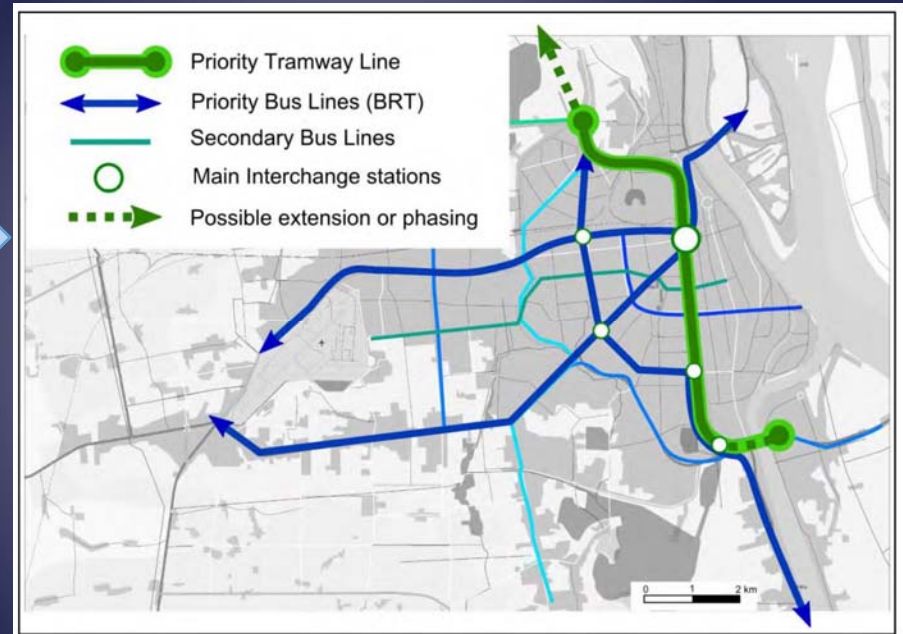
- Develop Policy, Strategy, Guideline to promote Public Transport System



III. Major Initiatives/Plans (Cont...)

Study for Public Transport Network and a first Priority Line in the Phnom Penh (by French):

- Tramways and BRT were recommended



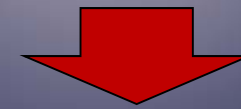
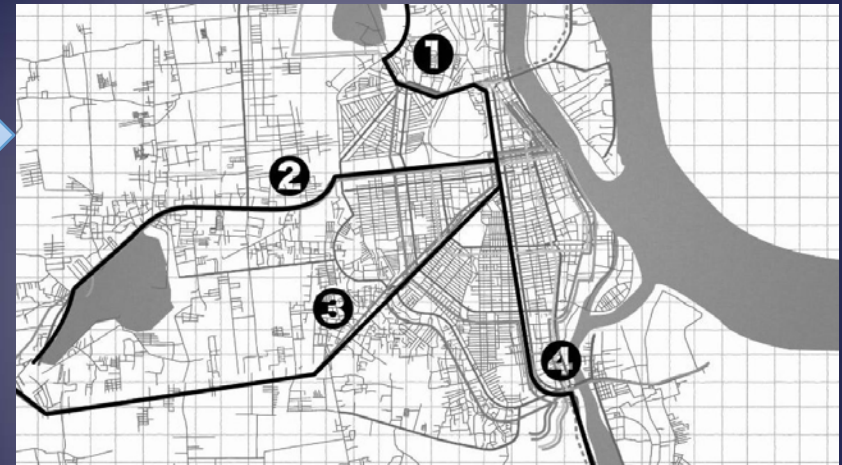
- ✓ The priority tramway line 10km along Pr. Monivong Blvd.
- ✓ Estimated investment costs: 240-280 mil-USD
- ✓ Pending...

III. Major Initiatives/Plans (Cont...)

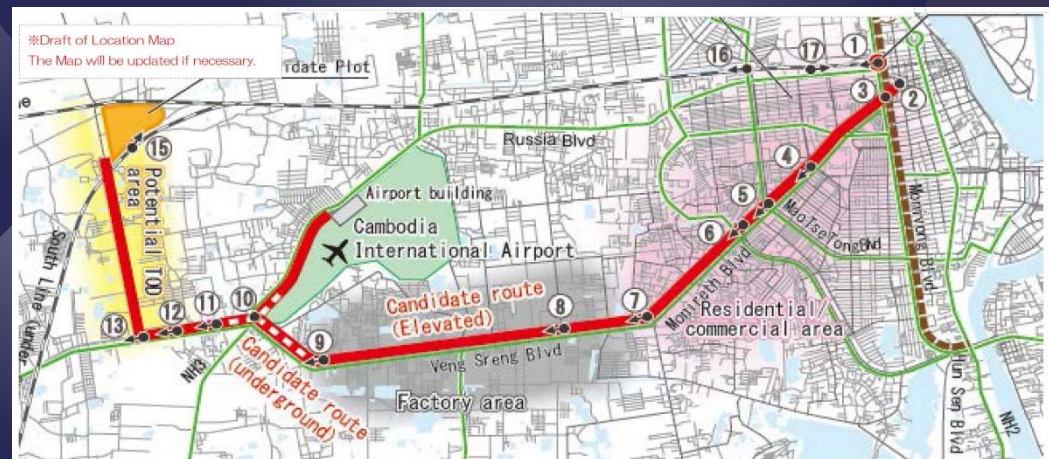
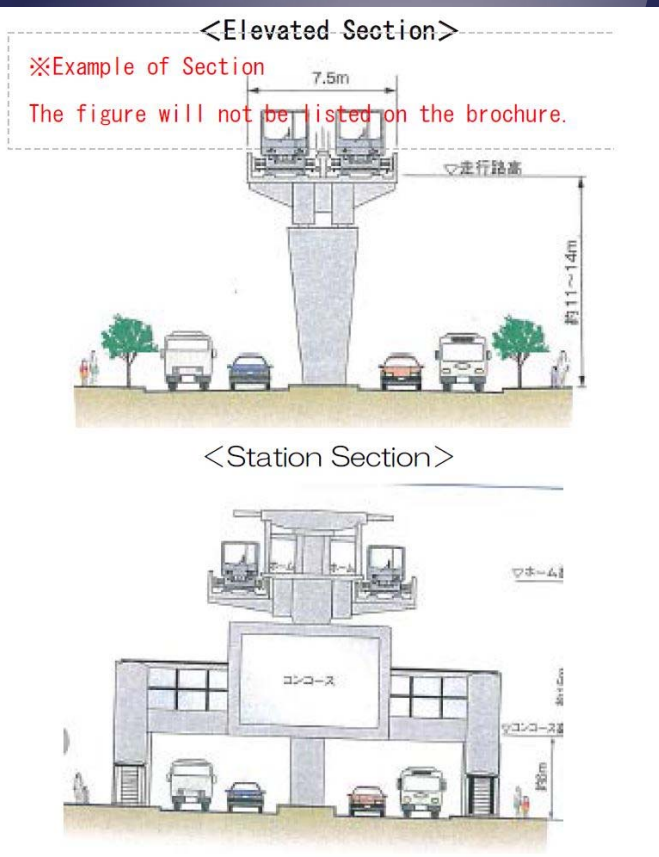
The Study for Automated Guideway Transit (AGT) in the Phnom Penh by Jica:

- Ongoing

Four lines in Master Plan



Line #3 was selected as a priority

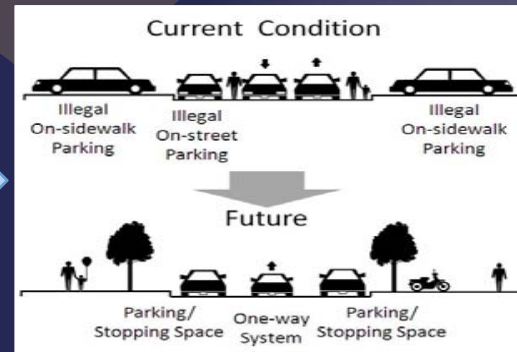


III. Major Initiatives/Plans (Cont...)

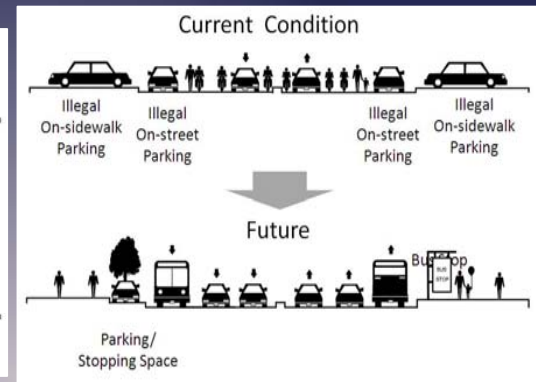
Improve on-Street Parking Measures in the City Center

Decentralization by developing suburban areas surrounding the city center with proper means of accessibility to the Center

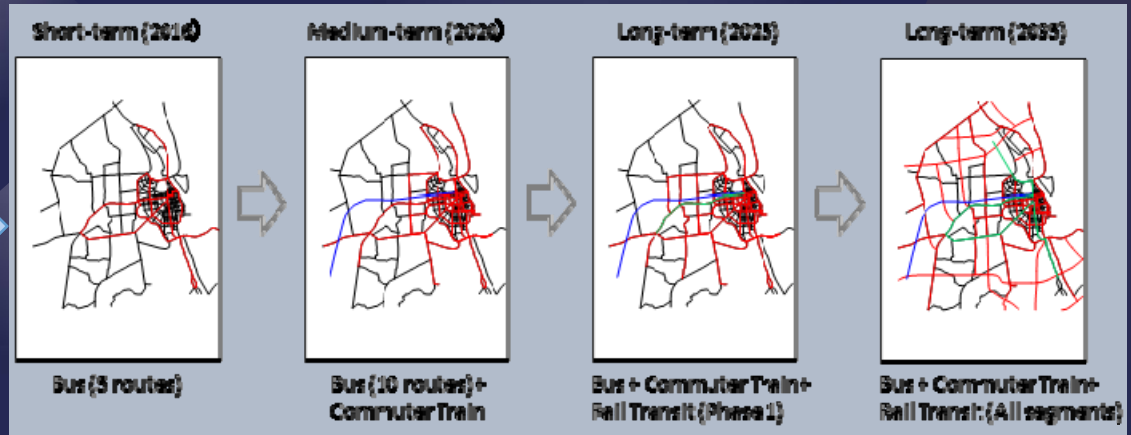
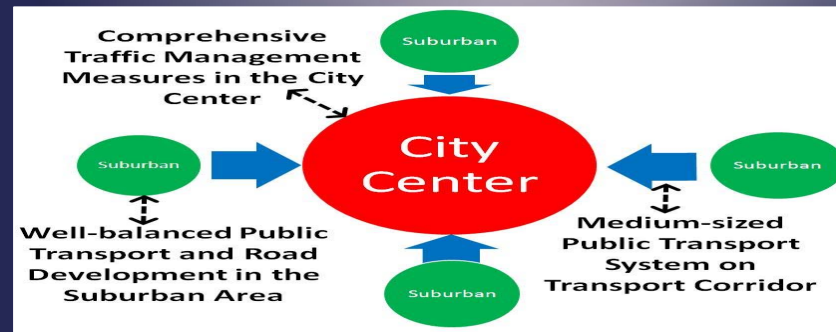
Integrate other modes of Public Transport (Short term, medium term and Long term plan).



On Local Roads



On main Roads



IV. Major Achievements

Upgrade & widen roads infrastructure:

- To accommodate more vehicles
- To reduce traffic accidents



Build more flyovers at main intersections

- Five flyovers were built recently at most congested intersections to improve smooth traffic flow



Install regular and smart traffic signal system and install camera

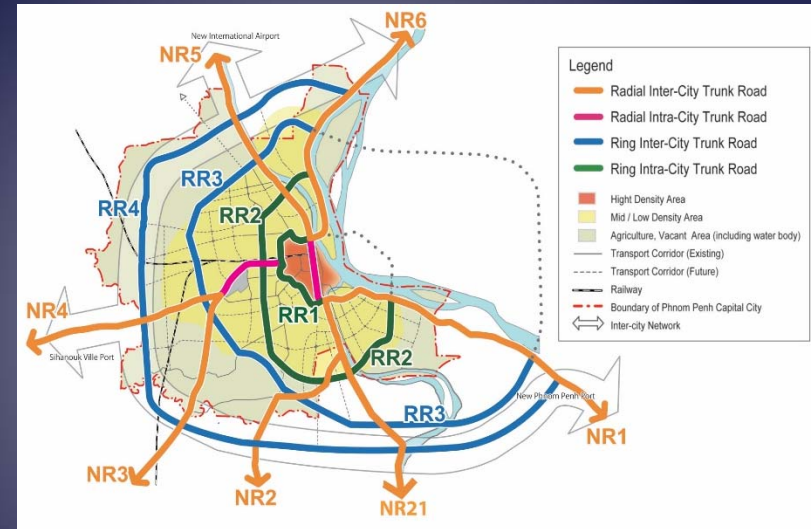
- To monitor in control Center



IV. Major Achievements (Cont...)

Design and Build more City Ring Roads:

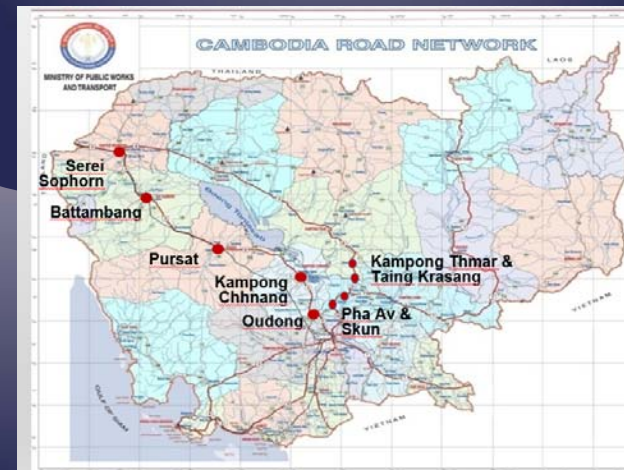
- To divert heavy traffic from the city center
- To promote logistics facilities outside the center



- Ring Road 1 completed
- Ring Road 2 under construction
- Ring Road 3 will start this year

Construction of Ring Road at major Provincial towns and populated areas:

- To divert heavy traffic from the city center

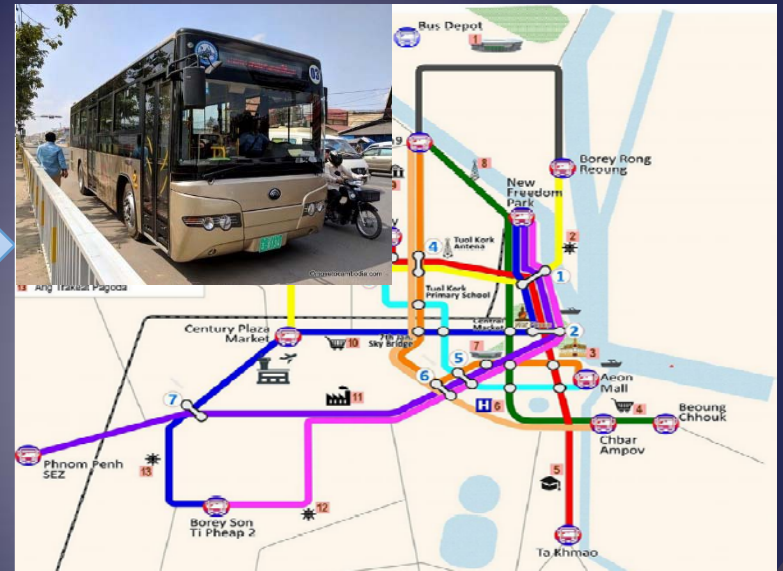


- On National Road 6: completed
- On National Road 5: under construction

IV. Major Achievements (Cont...)

Expand City Bus Routes In Phnom Penh City:

- 9 lines under operation (215 bus)
- 5 lines under planning
- Free for students, factories' workers, elder people



City center to Airport Train:

- Start operation in June this year
- Airport check-in at the train station
- Three new rolling stocks will be arriving in October



Taxi Boats along Tunle Sab River:

- Start operation this year
- 5 stations in operation, approx. 20km
- Plan more 11 stations



IV. Major Achievements (Cont...)

Promote Ride Sharing mode:

- Ride sharing operators can register under MPWT
- Grab, PassApp and other local application become popular in Phnom Penh and Siem Reap city

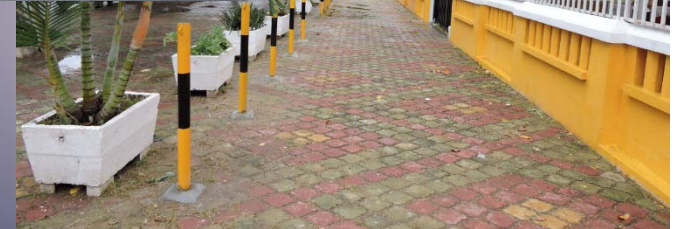
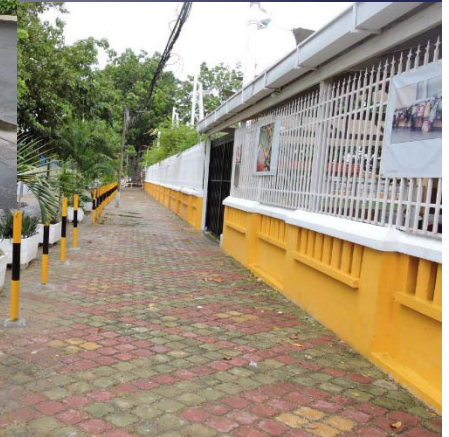


រៀបចំឡើងនិងចុះឈ្មោះប្រើកម្មវិធីហៅពាក់ស៊ី PassApp កម្ពុជា
Install and register to use PassApp Taxi Cambodia



IV. Major Achievements (Cont...)

Improve walkway and sidewalk for pedestrians



Build more parks and plant more trees



IV. Major Achievements (Cont...)

Promote the use of
Electric/Hybrid/LPG/
Non-motorized Vehicles



V. Challenges

- **Commitment**
- **Coordination / Collaboration**
- **Financial resources**
- **Human resources**
- **Technology**

**Thank you
for your attention**
