Effort on Low-carbon City Development in Siem Reap City and Expectation to City-to-City Collaboration

Japan Tokyo, January 28–29th, 2016
By So Platong, Governor of Siem Reap City, Cambodia

Content

I-Introduction
II-Urban Development
III-Problem Faced
IV-Expected Projects
V-City-to-City Cooperation
I-Introduction: General Situation

- Location: 314 Km from capital Phnom Penh
- Land area: 472.73 Km²
- Sangkats: 13, Villages: 108
- Population: 256,018 (Female: 131,528)
- Households: 50,824
- Family size: 5
- Tourists: 5,023,887 (International: 2,350,937)

I-Introduction: Tourist Attractions

- Angkor Wat Temple Complex
- Tonle Sap Lake
- Siem Reap Rivers
- Pub Streets
- Night Markets
- Barray Water Reservoir
I-Introduction: Main Events

Water Festival

Haft and Full Marathon
Ill-Urban Development: Current Development

- Densification and Slightly Expanded Urbanized and Urbanizing Area
- Large Scale Development
- Land Use Plan and Urban Growth Management

Ill-Urban Development: Current Development

Solid Waste

- Enforcement of regulation on SWM
- Education and Participation with stakeholders
- Master Plan on SWM by Local Authority and GAEA (3R concept)
Il-Urban Development: Current Development

Sewerage
- AFD : 362 Ha
- ADB : 3,000m³
- KOREA-1 : 5,000m³
- KOREA-2 : House Connection
- Today 17,000 m³ (9,000 m³)

Il-Urban Development: Current Development

Public Transportations
- Detour Road
- One Way Street
Solid Waste

- Litter piles up
- Insufficient solid waste collection system
- Lack of sanitary waste disposal sites, municipal landfill sites, and composting sites
- Public lack of environmental awareness

Sewerage

- Insufficient sewerage and storm drainage systems (some systems are blocked at certain places)
III-Problem Faced

Road

- Traffic congestion
- Lack of sidewalks, traffic signs, traffic lights, street signs, and signposts
- Lack of parking lots and parking regulations

IV-Current Solutions: Implementation

Air Pollution Reduction

- Clean City Contest
- Tree Planting Projects
- Battery Car
- Eco mobility Project
- Increase public Transportation
- Build Trainerage System
- Encourage Environment Friendly Business (E-bike, Solar Bike, E-transport)
- Garbage Management
IV-Current Solutions: Implementation

Air Pollution Reduction
Current issues facing travelers getting around town and temples

- Ubiquitous Air pollution
- Traffic congestion
- Narrow and bumpy roads
- Forced to negotiate the details of the driver’s services carefully
- No transfer method
- Unfair fares
- No Accident Insurance
- No by-pass or alternative routes
- Poor traffic safety

Many journey choices for tourists

However, transportation to and around the temples is usually hired by the day.

V-City to City Cooperation

- Project Cooperation Exchanges
- Sister City Establishment
- Exchanges of Successful Projects
- Expert Involvement in inter-city projects
- Partner’s Assistances
- Technical Assistances