

Environmentally Sustainable Cities

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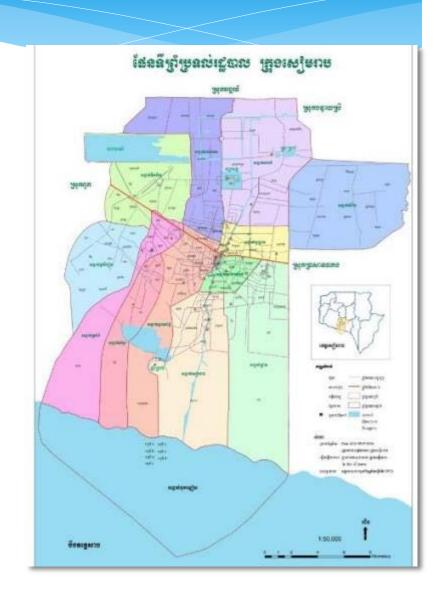
- I- Introduction
- **II-** Urban Development
- III- Key Challenge
- **IV-** Current Solution
- V- City-to-City Cooperation





I-Introduction : General Situation

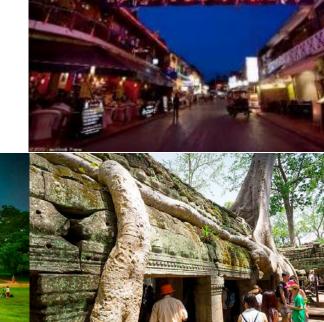
- Location: 314 Km from capital Phnom Penh
- Land area: 472.73 Km²
- Sangkats: 13, Villages: 108
- Population: 256,018 (Female:131,528)
- Households: 50,824
- Family size: 5
- Tourists: 5,023,887 (International: 2,350,937)
- Siem Reap International Airport
- Administration of municipal: The municipal council 13 P (F=2), Governor council 5 P (F=1), Staff 67 P (F=23)



I-Introduction : Tourist Attractions

- Angkor Wat Temple Complex
- Tonle Sap Lake
- Siem Reap Rivers
- Pub Streets
- Night Markets
- Barray Water Reservoir
- Cambodian Culture Village
- Khmer Traditional street

Royal Palace and Museum



I-Introduction: Main Events







Religious Event



■ I-Introduction: Main Events







II-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)



II-Urban Development: Current Development

- Sewerage AFD : cover waste water and raining 362 Ha
- ADB # decantation 3,000m3
- KOREA # We have pumping waste 2. 1=East 1=West =5,000m3

Per day waste water 17,000 m3 (8,000m3)

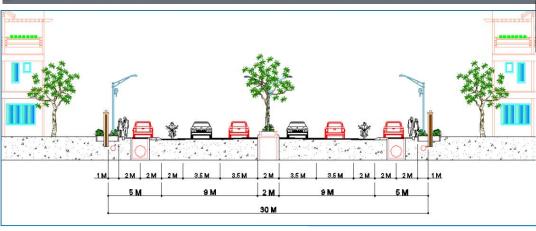




II-Urban Development: Current Development Public Transportations

- Detour Road
- One Way Street
- Bus station





II-Urban Development: Current Development

- Children Park
- Public Park
- Increase Rubbish Bin
- Education Poster
- LED Street light
- Public Order
- Fining









- 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



III-Key Challenge Sewerage

 Insufficient sewerage and storm drainage systems (some systems are blocked at certain places)





III-Key Challenge 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 (Reforestation)Projects
- -Battery Car
- -Eco mobility Project
- -Increase public Transportation
- -Build Train age System
- -Encourage Environment Friendly Business (E-bike, Solar Bike, E-transport)
- -Garbage Management







Current issues facing travelers getting around town and temples are being solved:

Angko

Ubiquitous Air pollution

Traffic congestion

Unfair fares

No Accident Insurance

No by-pass or alternative routes

Narrow and bumpy roads

Many journey choices for tourists

Poor traffic safety

















No transfer method

Forced to negotiate the details of the driver's services carefully

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



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

