

Smart JAMP(2021) Master Plan Study for the Realization of Smart City in Battambang, Cambodia

Category of Issues in the Area



Target Area

- Battambang Province, the Kingdom of Cambodia

Background and Purpose

- Battambang is the third largest city in Cambodia, its industrial structure is mainly agriculture. However, its secondary and tertiary industries are not fully developed, despite the demand for tourism. This project aims to foster industries that contribute to solving this development issue, and to promote smart cities that aim to create unique, eco-friendly, and vibrant towns. For this purpose, we will consider a smart city master plan, which will be a project package that utilizes the technology of Japanese companies. Furthermore, as a priority project using smart technology, we will propose two projects.

Related Organization

- Battambang Province, Battambang city

Project Stage

- Master Plan

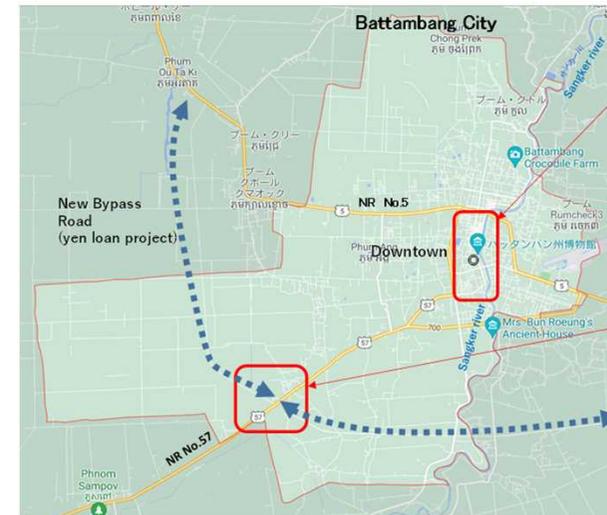
Contents and Results

1. Review of the Master Plan Proposal
 - As the vision of the master plan, we had considered the target fields and development tools from each of five axis of Global, Grows, Green, Generosity, and Generation.
2. Review of Priority Projects
 - (1) River Front Area Development Project ~**Clean Sangker River**~
 - The introduction of smart technology with the themes of clean, walkable, and amenity, targeting approximately 90ha of the central city area on both banks of the Sangker River was studied.
 - An interactive virtual reality (VR) after smart city implementation was created.
 - A "Street Litter Distribution Map" was created through a demonstration of AI-based street littering waste visualization technology.
 - The introduction of smart waste management system that includes a package of smart trash cans, recycling stations with surveillance cameras, a monitoring center, and a packer truck with GPS, etc. was considered.
 - (2) Industrial Development related Project ~**Green Industrial Park**~
 - Proposing a base development that combines regional industrial locations such as agricultural product processing, distribution bases, and roadside station development for civic participation and tourism development in consideration of the synergistic effect with the national road No. 5 that started operation in 2021.



Battambang City is a Smart City for Working, Living, and visiting by achieving Growth to Clean, Green, and Safe City.

Figure 1. Battambang Smart City Master Plan Vision



Priority Project 1 Clean Sangker Development



Priority Project 2 Green Industrial Park



Figure 2. Priority Project