

# Smart JAMP(2021) Pre-feasibility Study on the Introduction of Smart Buses and, 5G and other technologies for the Realization of Smart City in Chonburi, the Kingdom of Thailand

Category of Issues  
in the Area



## Target Area

- Chonburi, the Kingdom of Thailand (AMATA City Chonburi)

## Background and Purpose

- Amata City Chonburi, one of the largest industrial estates in Thailand, is a model region for the Thailand 4.0 vision of transitioning to a society that creates new added value by accelerating the digitalization of the economy and society.
- The ICT infrastructure such as 5G is being developed, and here could be the fields for the demonstration of these technologies and new transportation systems, such as smart buses.
- This study examines needs and challenges of these technologies in AMATA City Chonburi (5G, 4K broadcasting, and smart buses).

## Related Organization

- Energy Policy and Planning Office (EPPO) , AMATA Corporation PCL.

## Project Stage

- Pre-feasibility study

## Contents and Results

1. Understanding of the current needs and challenges of the use of 5G and 4K broadcasting
  - Conducted a questionnaire survey and a demonstration event of 4K international two-way video transmission between Tokyo and Chonburi to understand needs and challenges, and proposed measures to utilize 5G and 4K video transmission in AMATA City Chonburi.
2. Study on Smart Bus Service
  - Through a questionnaire survey of factories and employees located in AMATA Chonburi, the smart bus concept with on-demand services, etc. and the phased development plan were proposed.
3. Support to introduce Japanese advanced technologies
  - Online seminar was organized inviting Japanese companies to discuss the future vision of smart city development in AMATA City Chonburi introducing the above-mentioned technologies.



Figure 1 : Photos on the demonstration event



Figure 2 : Flyer of the Demonstration Event

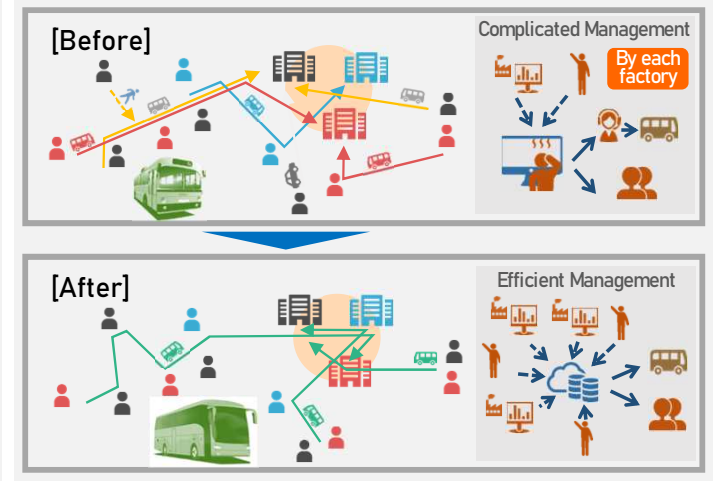


Figure 3 : Concept of Smart Bus Service