

Chonburi

About the City

Total Land Area	43 km ²
Population	215,000
Density	5,000 / km ²

Chief Smart City Officer



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Smart City Action Plan

VISION

To be a self-reliant, energy-efficient city with renewable energy sources and sustainable environmental management

FOCUS AREAS

- **Built infrastructure**
 - Well-organised basic infrastructures
 - Smart infrastructures and digital technology to connect the zones within AMATA Smart City to all the targeted industries
- **Quality Environment**
 - Protect the environment through the use of technology and sustainable practices
 - Adopt the concept of zero-waste discharge
- **Industry and innovation**
 - Support 'Thailand 4.0' (an economic model that aims to unlock the country from several economic challenges resulting from past economic development models), and The Eastern Economic Corridor (EEC) by attracting Foreign Domestic Investments from targeted industries
 - Link top level education with innovation
- **Health and Well-being**
 - Improve quality of life
 - Create job opportunities for communities
 - Promote healthy lifestyle for all ages



STRATEGIC TARGETS

- By 2044: Attain 30% renewable energy and energy storage
- By 2044: Reduce energy consumption by 20%
- By 2044: Reduce CO₂ emission by 30%
- By 2044: Attain energy self-reliance
- By 2044: Develop Smart grid system

Smart City Project 1 **Smart Grid Project**

OVERVIEW

This project aims to move Chonburi forward to be a self-reliant, energy-efficient city with renewable energy sources and sustainable environmental management. It entails the management of electrical networks, generation systems, transmission systems and power distribution systems, with a systematic energy management and energy storage structure.

SUPPORT REQUIRED

- Technical assistance on managing electrical networks, generation systems, transmission systems, and power distribution system with energy management and storage system
- Local authorities: Provincial Electrical Authority, Electricity Generating Authority of Thailand, and Energy Regulatory Commission

Smart City Project 2 **Waste to Energy plant**

OVERVIEW

This project aims to address the waste treatment and management issues arising from the generated waste at Chonburi, and to source for renewable energy integration and regional smart micro-grids, which is aligned with the relevant National Plans on built infrastructure developments in Thailand.

SUPPORT REQUIRED

- Technical support during the proposal preparation process
- Waste-to-Energy technology expert

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