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Thailand / Chonburi

Area: 43 km² / Population: 215,000 /
Population density: 5,000 / km²



Current status of the city

Chonburi is the capital of Chonburi Province, located around 60km southeast of Bangkok, along the Gulf of Thailand. It is part of the Eastern Economic Corridor, in which large-scale industrial parks have been developed in recent years. Popular resort towns such as Pattaya Beach are located in the southern part of the province.

Smart city action plan

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

Focus area: Built infrastructure, Quality Environment, Industry and Innovation, Health and Well-being

Project 1: Smart Grid Project

Improve the management of electrical networks, generation systems, transmission systems and power distribution systems, with a systematic energy management and energy storage structure.

Project 2: Waste to Energy plant

Address the waste treatment and management issues arising from the waste generated in Chonburi, and to source renewable energy integration and regional smart micro-grids, which are aligned with the relevant National Plans on building infrastructure developments in Thailand.

Status of progress

Amata City has progressively moved forward in both the SMART Grid and the Waste to Energy plant.

Project 1

For the SMART Grid project, detailed data collection was done during Jan-April 2019 and the process to prepare a proposal to participate in the SANDBOX Project with related regulatory agencies is ongoing.

Project 2

The implementation of the Waste to Energy plant, starting with improving efficiency of sorting recycled waste from solid waste, the total amount of solid waste in the waste segregation plant improved from 10% to 15%. The improvement of the waste management process, which changed from landfills to refuse derived fuel (RDF) and combustion in cement plants is proceeding.



Chief Smart City Officer

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