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Thailand / Phuket

Area: 543 km^2 / Population: 400,000 /
Population density: 719 / km^2

Phuket

Current status of the city

Phuket is the largest island in Thailand in the Andaman Sea, and is one of the world's most popular resorts. In the old town area known as the Phuket Town, retro streetscape of Sino-Portuguese style townhouses remain. On the other hand, in the most popular Patong Beach area, various new facilities for entertainment and shopping unique to Thailand are being opened one after another.

Smart city action plan

Vision: With tourism accounting for 97% of its Gross Domestic Product, Phuket's smart city vision is to achieve sustainability in its tourism development.

Focus area: Civic and social aspects of tourism, Industry and innovation to promote trade and commerce activities, Security

Project 1: City Data Platform
- Build a City Data Platform that allows for better understanding of residents and tourists in Phuket using real-time big data from sources such as free-WiFi and CCTVs.
- Provide valuable insights to businesses and start-ups in their analysis.

Project 2: Phuket Eagle Eyes - Safe City based on Big Data Harvesting and Analytics CCTV Safe City
- With the vision of making Phuket a safe city for all, maximise the coverage area of CCTVs by inviting private firms and corporations to share their CCTV generated data with the government.

Status of progress

Awareness and understanding about smart city and sustainability are initial key success factors. We are building awareness and understanding of individual city all over the country by deloping and disemminating tutorials, guidelines, video clips, and documents. A number of cities are selected and be couched by staffs from Thailand smart city office to collect/develop best practices. Sustainable smart city implementation plan is the expected outcome. Several pilot projects have been launched. The pilots involve CCTV, data platform, tourism and health care.

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