



MINISTRY OF DIGITAL
ECONOMY AND SOCIETY



SMART CITY
Thailand



Thailand's Path to Carbon Neutrality: Smart City Solutions for Green Transformation

Dr. Wetang Puangsap

Deputy Permanent Secretary

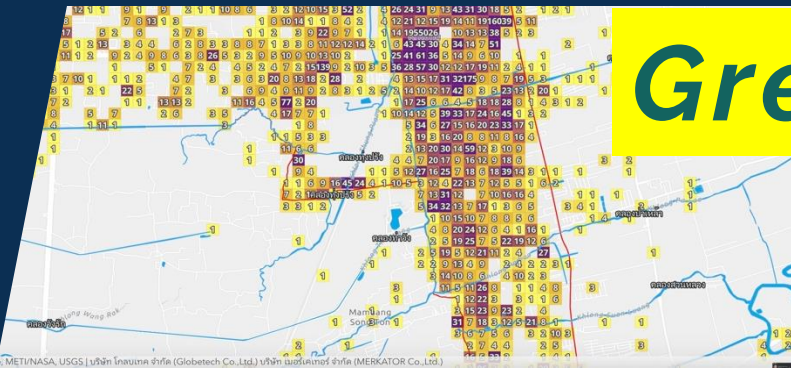
Ministry of Digital Economy and Society of Thailand



***Green* by Design**

Green by Digitalization

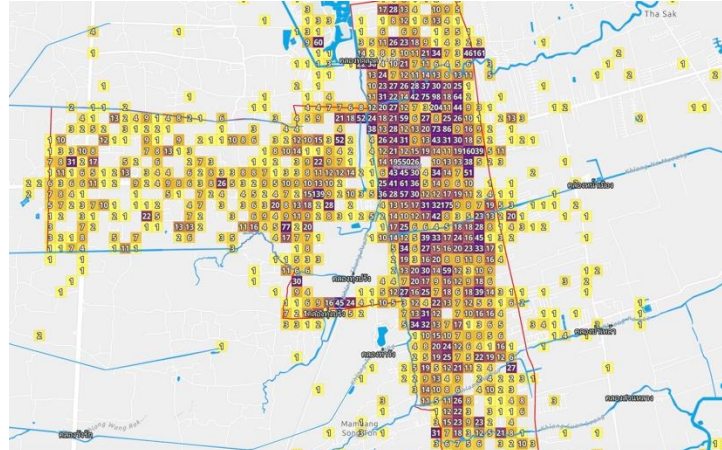
***Green* by Optimization**





Green by Design

- **Smart Green Corridor:** Strategic tree planting initiative aiming to provide **14.59 sqm of green space per person**, improving air quality and overall urban health.
 - **Integration of Public Parks:** The city's public spaces serve dual roles—both as **recreational** and **educational** hubs (e.g., TK Park Library, Discovery Park).
 - **Cultural Sustainability:** Yala's urban planning reflects its **multicultural heritage**, blending traditional architecture with modern infrastructure.
- 



Green by Digitalization

- Citizen Engagement:** The Smart City E-Service project has more than **82,000 citizens signed up**, and more than 100 trained "smart city officers" enabling real-time solutions for urban issues like **flood prevention and urban management**.

Takeaway: Nakhon Si Thammarat demonstrates how **digital tools** can empower citizens and **optimize city operations** for a sustainable future.





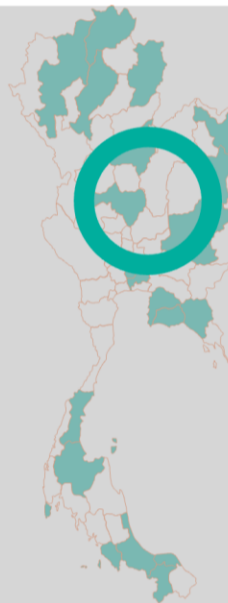
- **Smart Bus for Efficient Mobility:** Phuket's **Smart Bus** initiative optimizes public transportation through **real-time data** and **energy-efficient vehicles**.
- The **Smart Bus** is equipped with **IoT technology** to monitor usage patterns, improving route efficiency and reducing emissions.

Green by Optimization

Takeaway: Phuket's **Smart Bus System** highlights how optimization of public transport can directly contribute to **lower emissions** and a **greener urban environment**.



Thailand's Smart City Mechanisms



Submit a Smart City Proposals

Proposal's Components

- Vision
- Infra Plan
- Data Platform
- Solutions
- Management Model

SMART CITY
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เขตส่งเสริมเมืองอัจฉริยะ



Smart City 'Promotional Zone'

- Incubation
- Capacity Building
- Technological Matching

Revised Smart City Plans



'Smart City Thailand' Status

- Tax incentives from the Board of Investment (BOI)
- Synchronized efforts from various ministries
- Fast-Track promotion

Candidate Cities

(Provinces, Municipalities, Landowners)

Smart City Thailand Office

(depa)

National Steering Committee

(Ministries & Agencies)



People First

Dr. Wetang Puangsap
Deputy Permanent Secretary of
the Ministry of Digital Economy
and Society (DE),