



# Digital Thailand

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Thailand-China Business Forum 2018

*Strategic Partnership through Belt and Road Initiative and EEC*

August 24, 2018

Bangkok

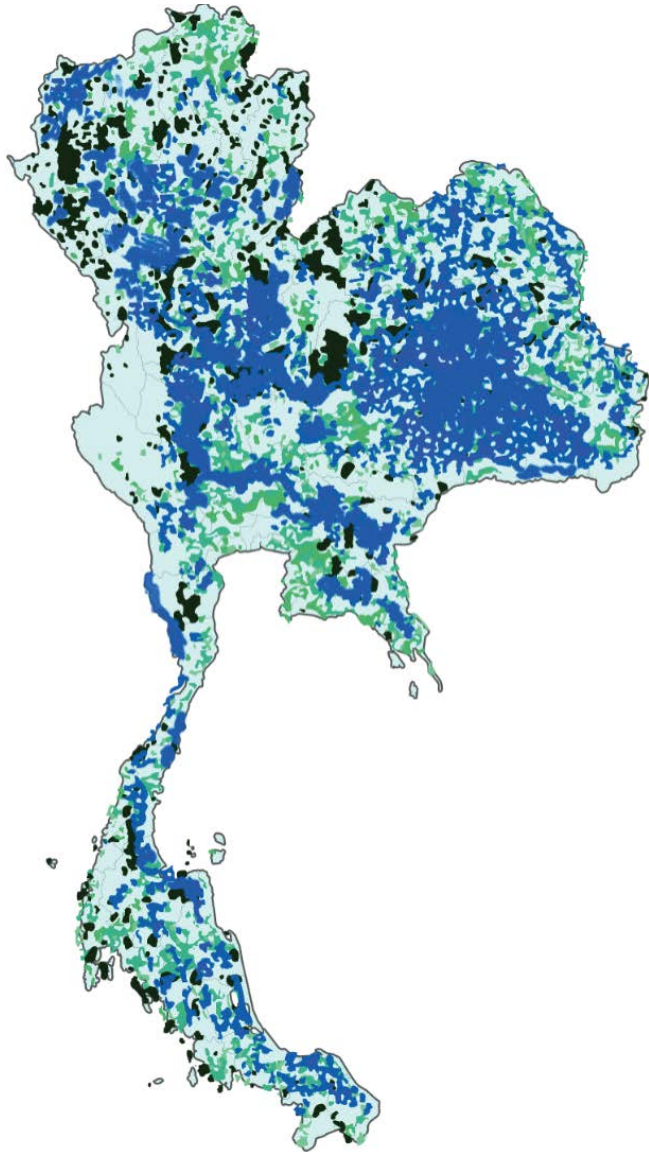
Pichet Durongkaveroj

Minister of Digital Economy and Society

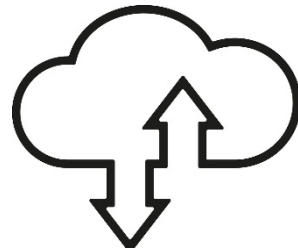
# “DIGITAL AGENDA 2018”



# Digital Infrastructure: Village Internet



Cover all **75,000** villages



1 Free WiFi hotspot in every village at 30 / 10 Mbps

Link to all schools and local hospitals

Provide community digital learning centers

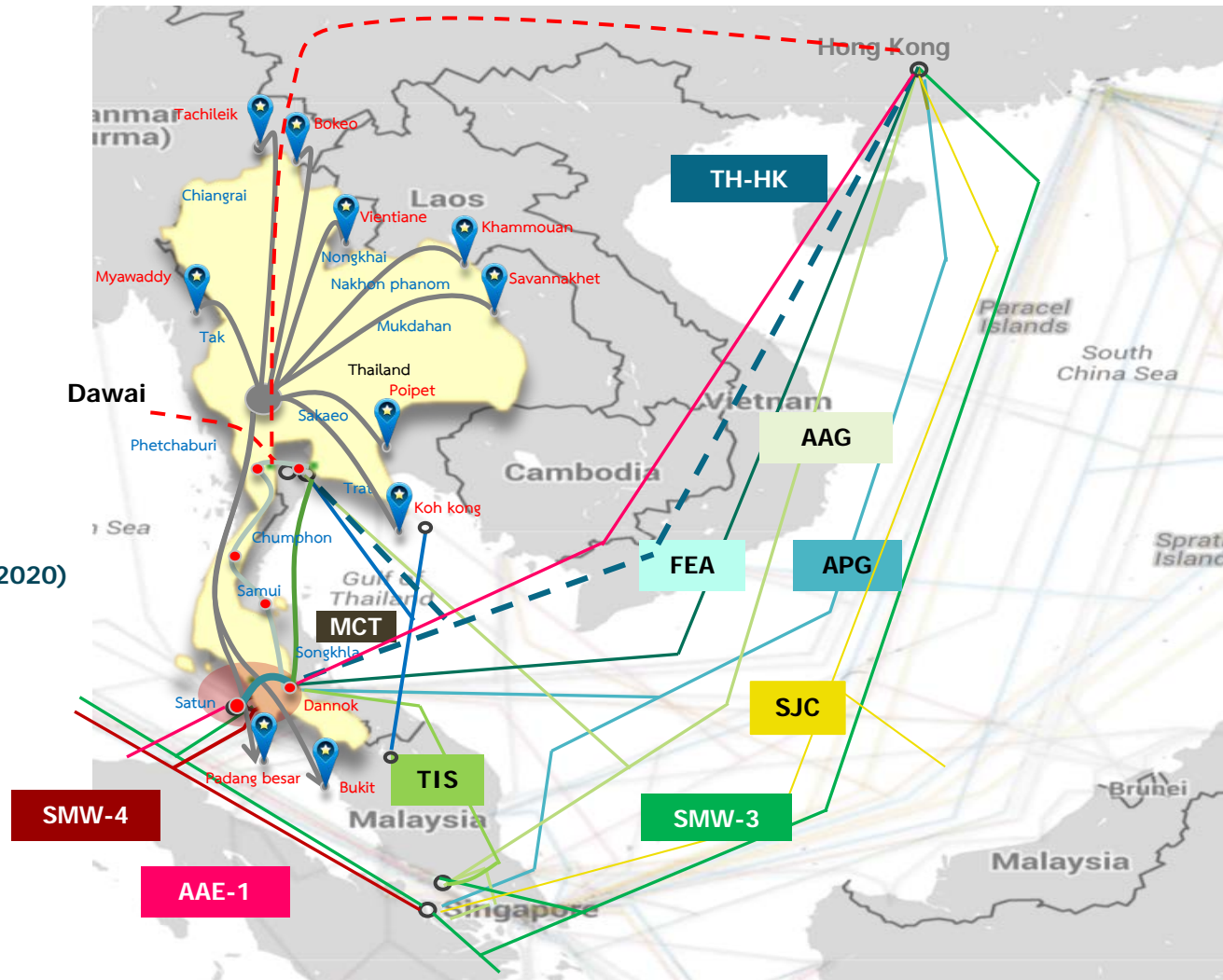
# Digital Infrastructure: Submarine Cable Expansions

## NGDC's Existing Submarines

- 1 FEA
- 2 SeaMeWe-3
- 3 TIS
- 4 SeaMeWe-4
- 5 AAG
- 6 SJC<sup>1/</sup>
- 7 APG
- 8 AAE-1
- 9 TH-HK (by 2020)

## Private Sector's Submarine

- 1 MCT



Country	System (S)	Station (s)
Cambodia	2	1
Laos	0	0
Myanmar	3	2
Vietnam	5	2
Thailand	9*	4
Malaysia	12	6
Singapore	14	5
Brunei	3	2
Philippines	8	7
Indonesia	5	5



Upgrade capacity to borders



Upgrade existing submarine cables



Build a new submarine cable



# Digital Infrastructure: National Digital ID



# Cyber Security:


- National Cyber Security Committee
- National Cyber Security Agency
- 6 Critical Information Infrastructures
  - Financial
  - Telecommunications
  - Transportations and Logistics
  - Energy and Public Utility
  - Public Health
  - National and Government Security
- ASEAN-Japan Cyber Security Capacity Building Center



# Digital Government:

## Big Data, Data Center, Cloud Computing

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Photographer: Amanda Mustard/Bloomberg

### Business

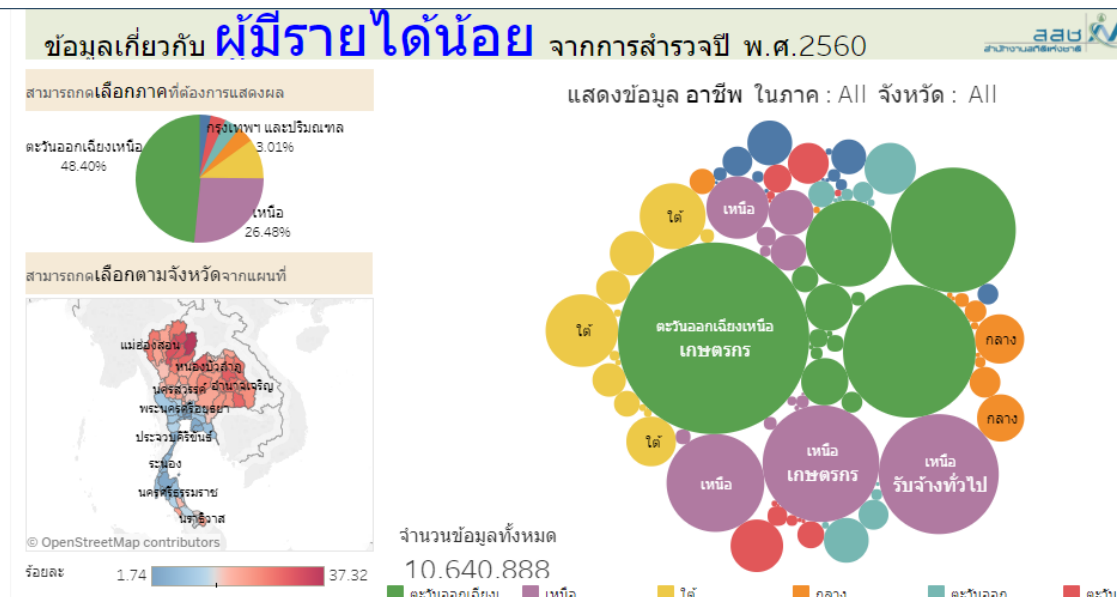
## 'Big Data' Tells Thailand More About Jobs Than Low Unemployment

By Suttinee Yuvejwattana  
December 6, 2017, 4:00 AM GMT+7

- ▶ Bank of Thailand built employment index based on online sites
- ▶ Central bank studied data on bad loans, exports industry

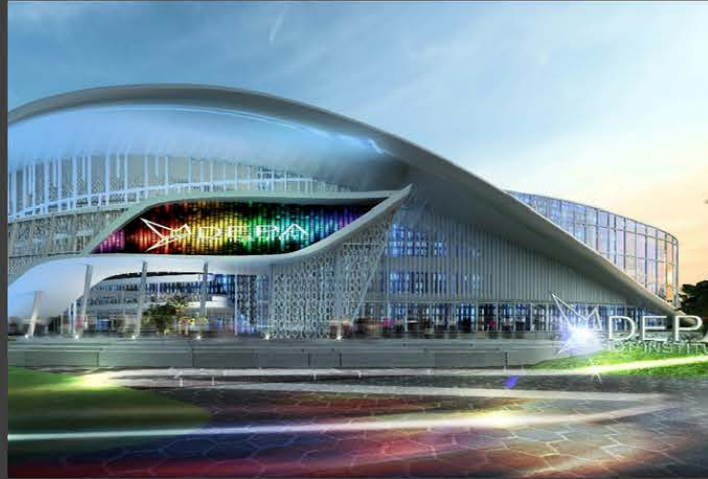
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# IOT INSTITUTE PROJECT OVERVIEW



60% devoted to testbed and laboratory for IoT, AI, and Robotic with outdoor field testing for autonomous car and drone

## Explosion & High Voltage Testbed

- Tesla HV Coils
- High Temp Turbulence Room

## Optical & Laser Lab

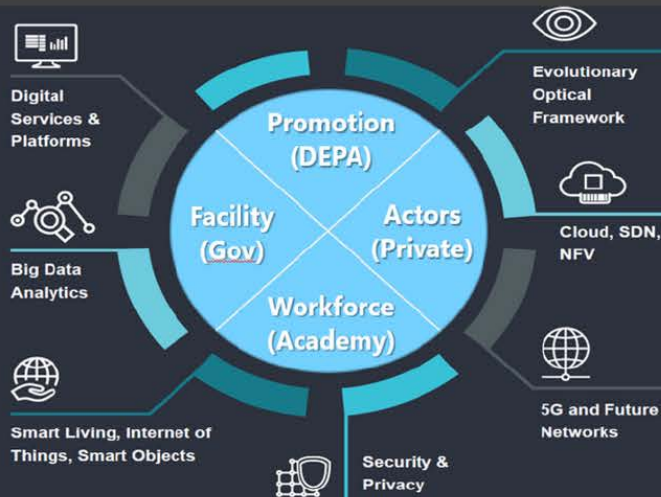
- Optical Diffusion
- Laser Detector
- Particle Detector
- Optical Ultra Communication

## Drone & Wind

& Radio Frequency Testbed

## IoT & AI Analytic Center

Cooperation with IBM



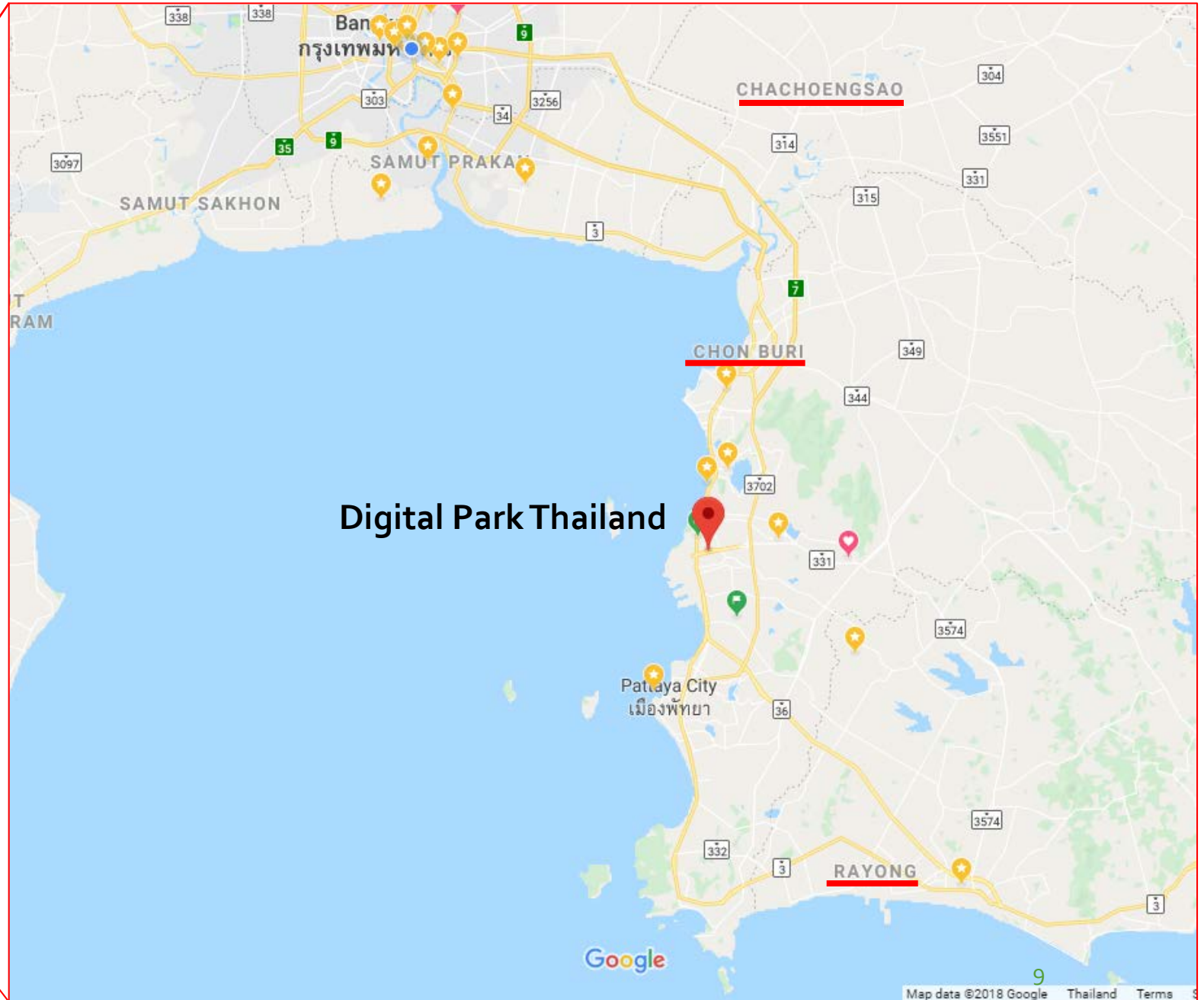
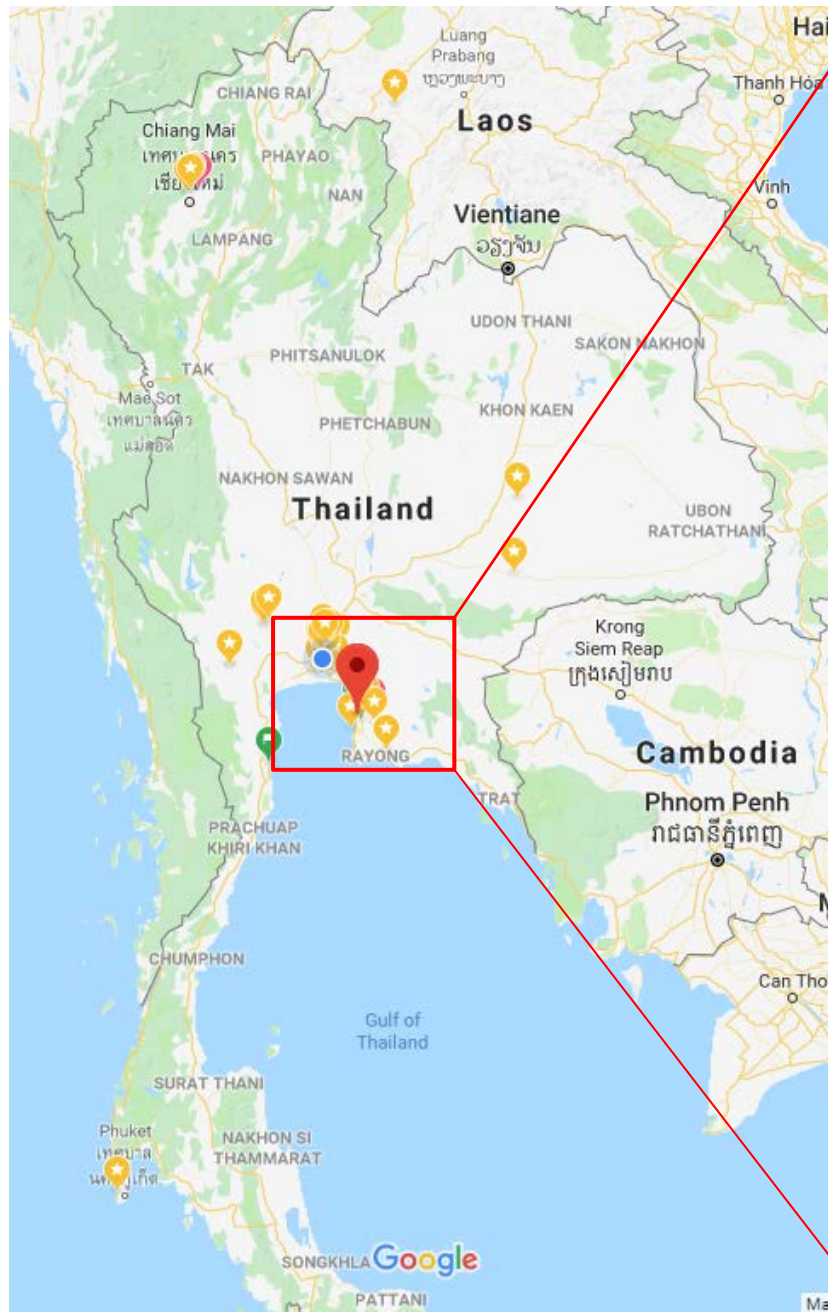
## Landscape:

1. Testing Building 9,734 sq.m.
2. International Exhibition 2,433 sq.m.
3. Business Area 2,433 sq.m.
4. Common & Coworking 1,623 sq.m.

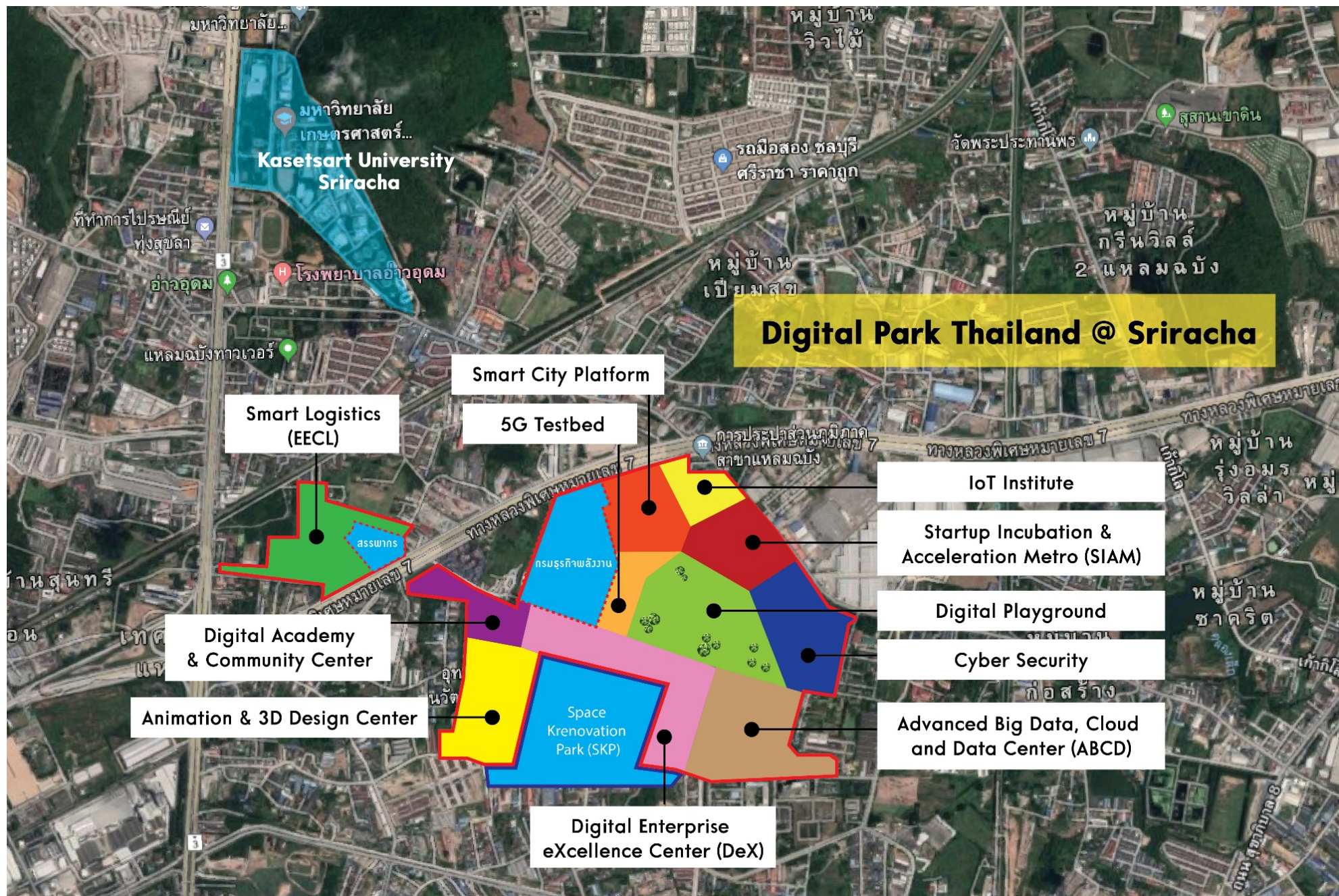
# IoT Institute













# Thank you