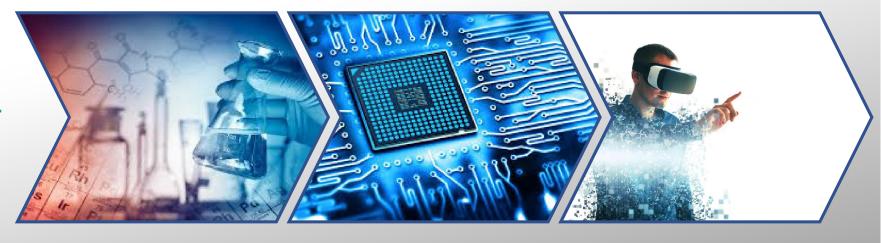


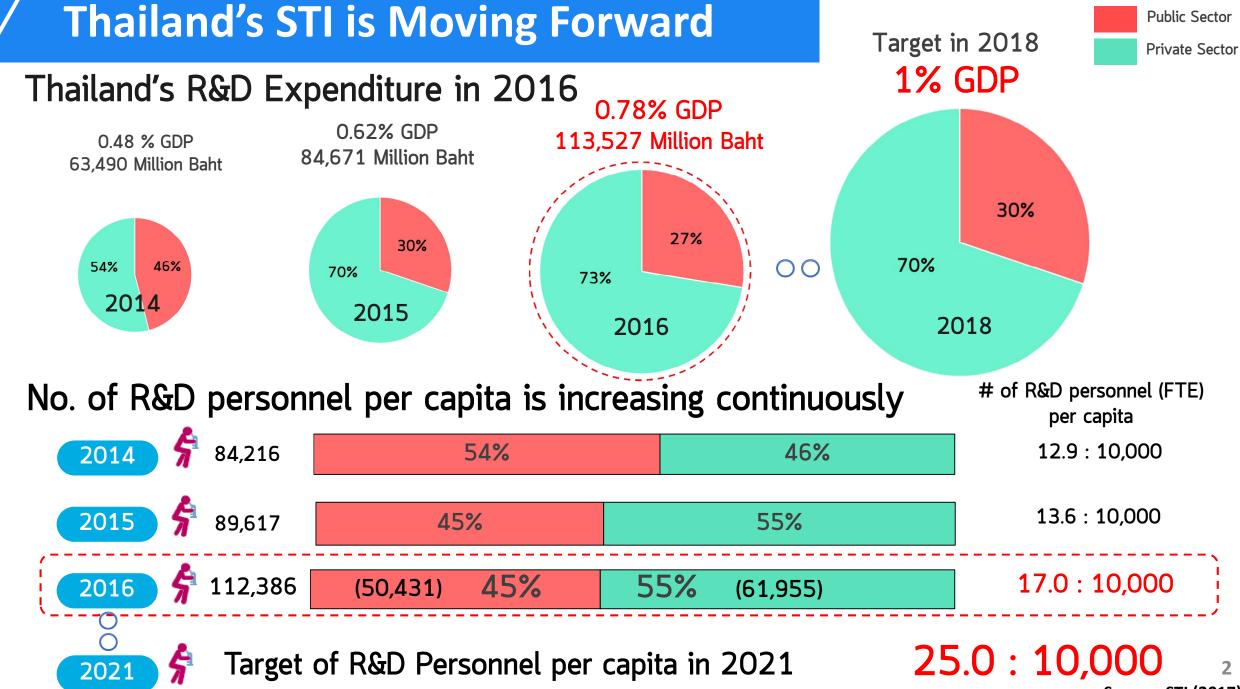


Science Technology Innovation



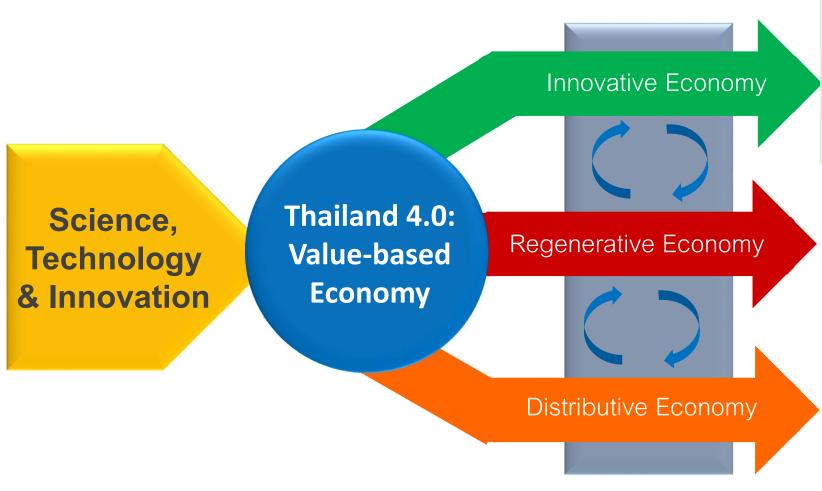
Suvit Maesincee Minister of Science and Technology

19 March 2018

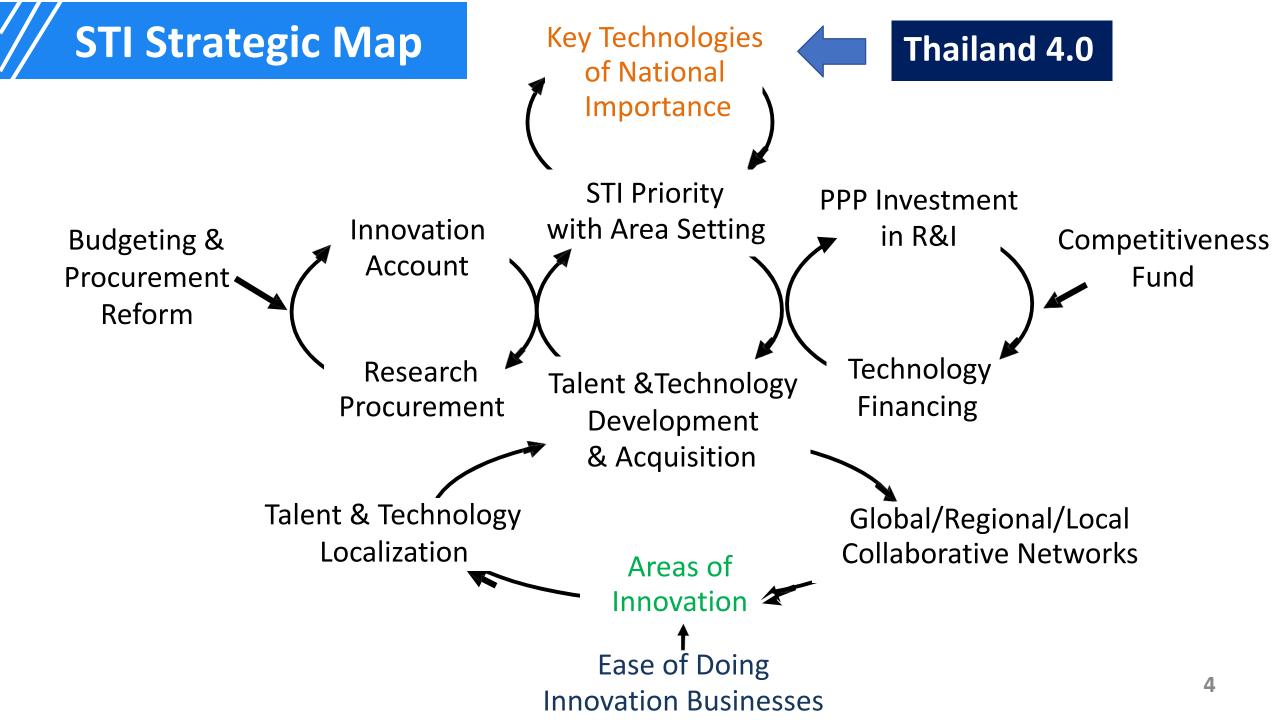


Source: STI (2017)

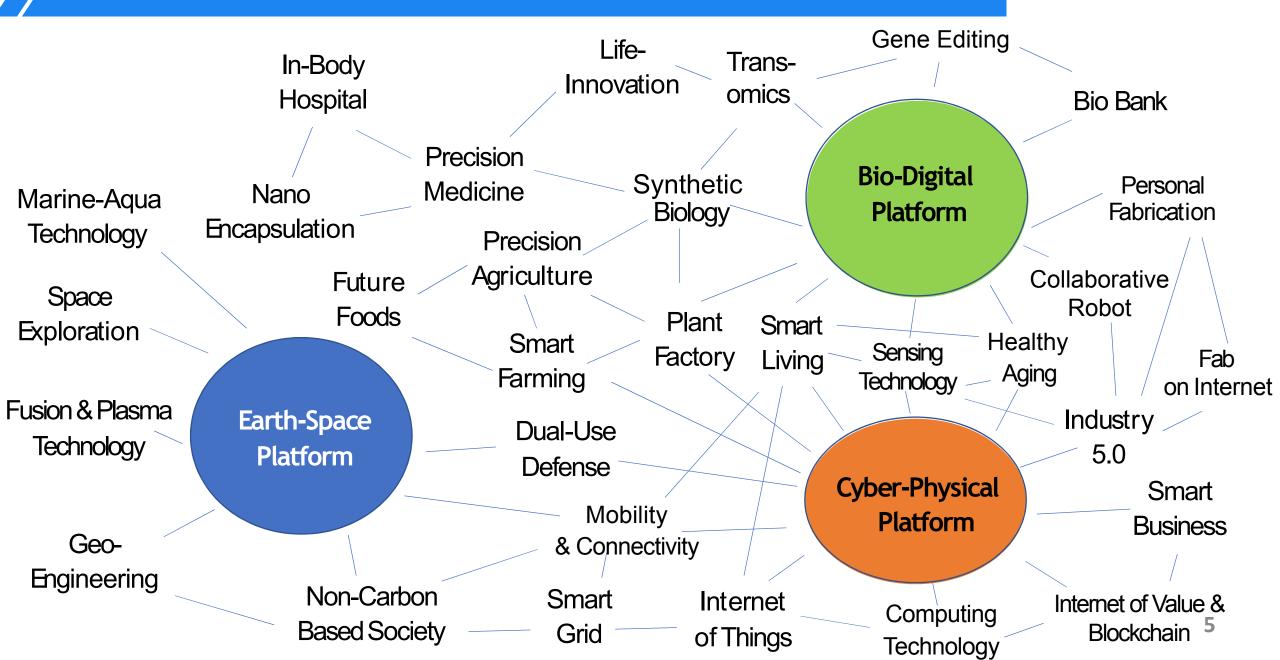
STI as a Key Driver for Thailand 4.0



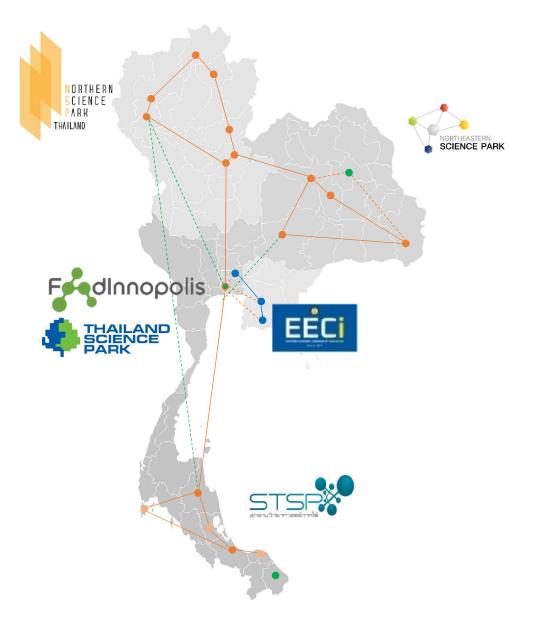
- Ease of Doing Innovation Businesses
- Research & Innovation Cluster Development
- Incubation of Technology, Design, and
- Creativity Entrepreneurs
- Skills Development for the Future
- Smart City and Livable City
- Green Growth Industries
- Non-Carbon Based Society
- Poverty Eradication
- Reskilling, Upskilling & Multiskilling
- Productivity Enhancement of Agricultural Sector and SMEs
- Regional & Provincial Development



Key Technologies of National Importance



Areas of Innovation



Internationalization: EECi



Specialization: Food Innopolis



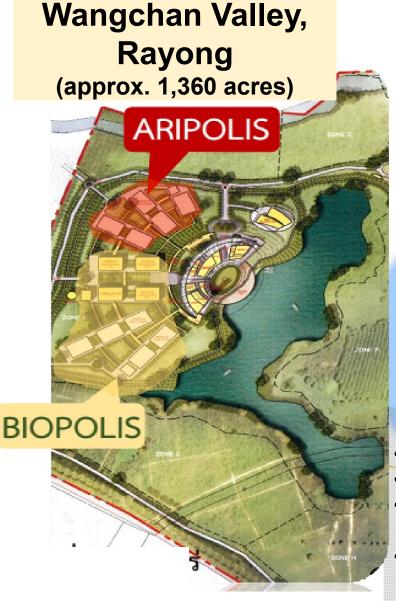
Regionalization: Regional Science Park







Eastern Economic Corridor of Innovation (EECi)

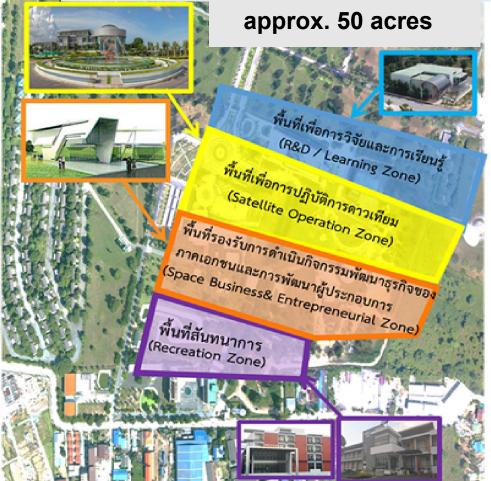


3 Innopolis

Space Krenovapolis, Chonburi



for Target Industries



6 Focused Industries in 3 Innopolis



Modern Agriculture & Biotechnology



Biofuels & Biochemicals



High Performance Battery & Modern Transports



Intelligent Systems





Medical Devices



Construction Start: Oct 2018

Ready to Operate: Oct 2020

Triple Helix / Quadruple Helix Innovation Ecosystem
Open Innovation



Innovation Clusters



Ready to Operate

EECi at Wangchan Valley



Initial Investment (2013-2016)

9,000 MB







Sponsored by







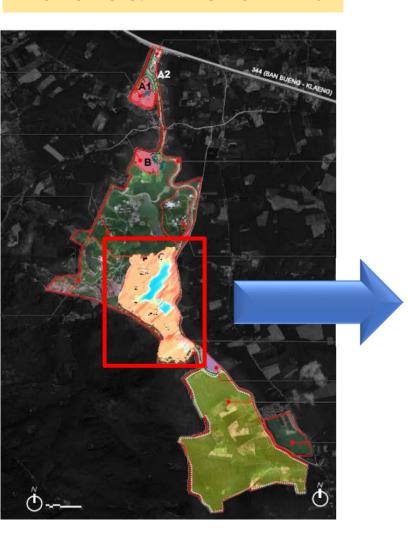


Further Investment (2017-2022) **Total Investment in 10 years**

3,000 MB⁺⁺ 12,000 MB⁺⁺

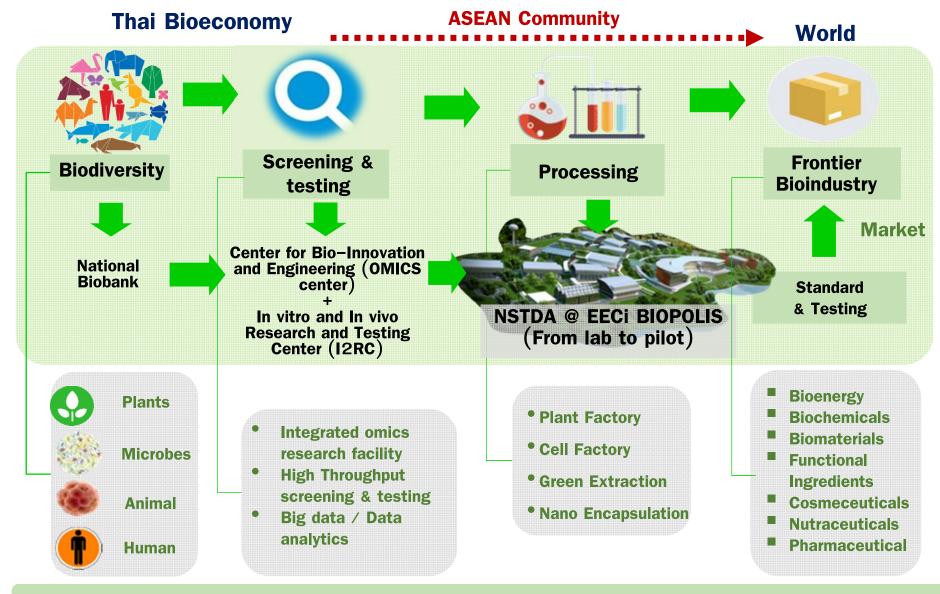
EECi at Wangchan Valley: BIOPOLIS & ARIPOLIS

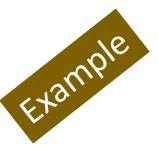
BIOPOLIS & ARIPOLIS in EECi



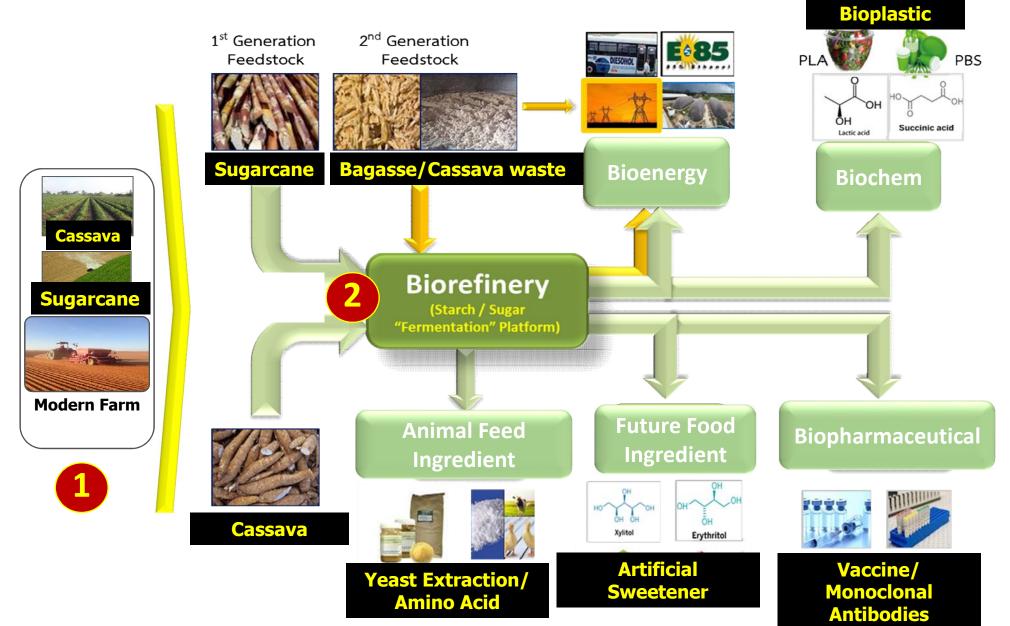


BIOPOLIS: Enabling Platform for Thailand Frontier Bioindustry

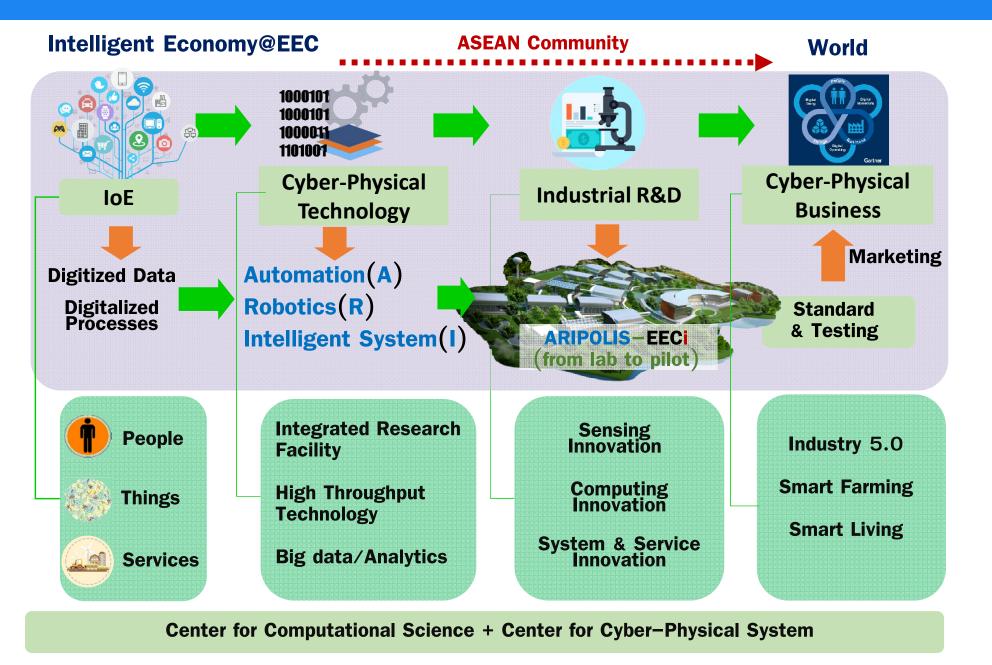




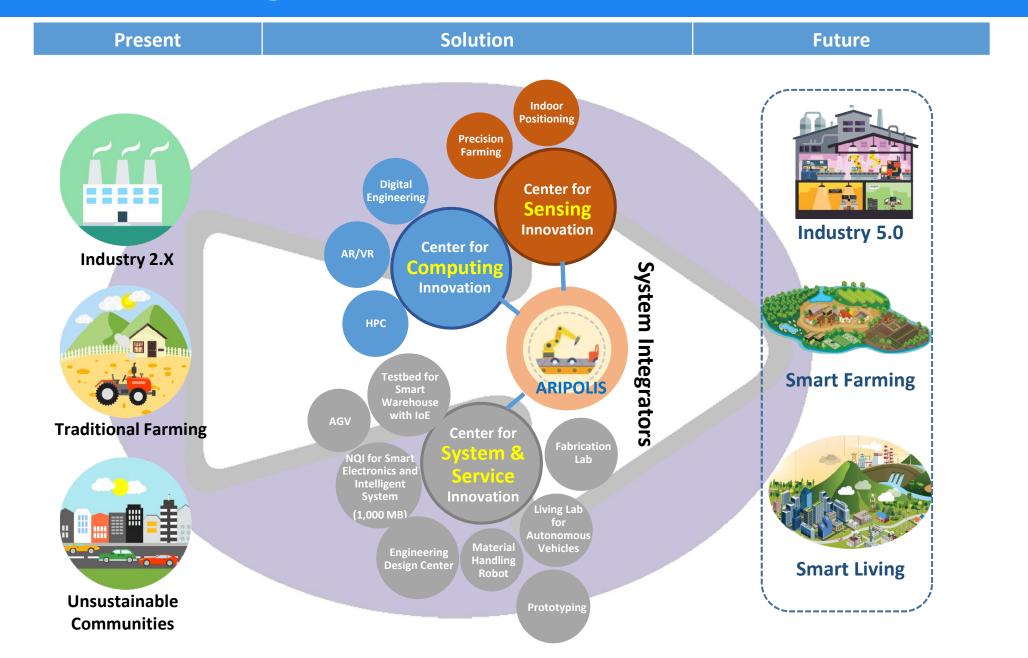
Transformation's Game Changers: From Value Added to Value Creation

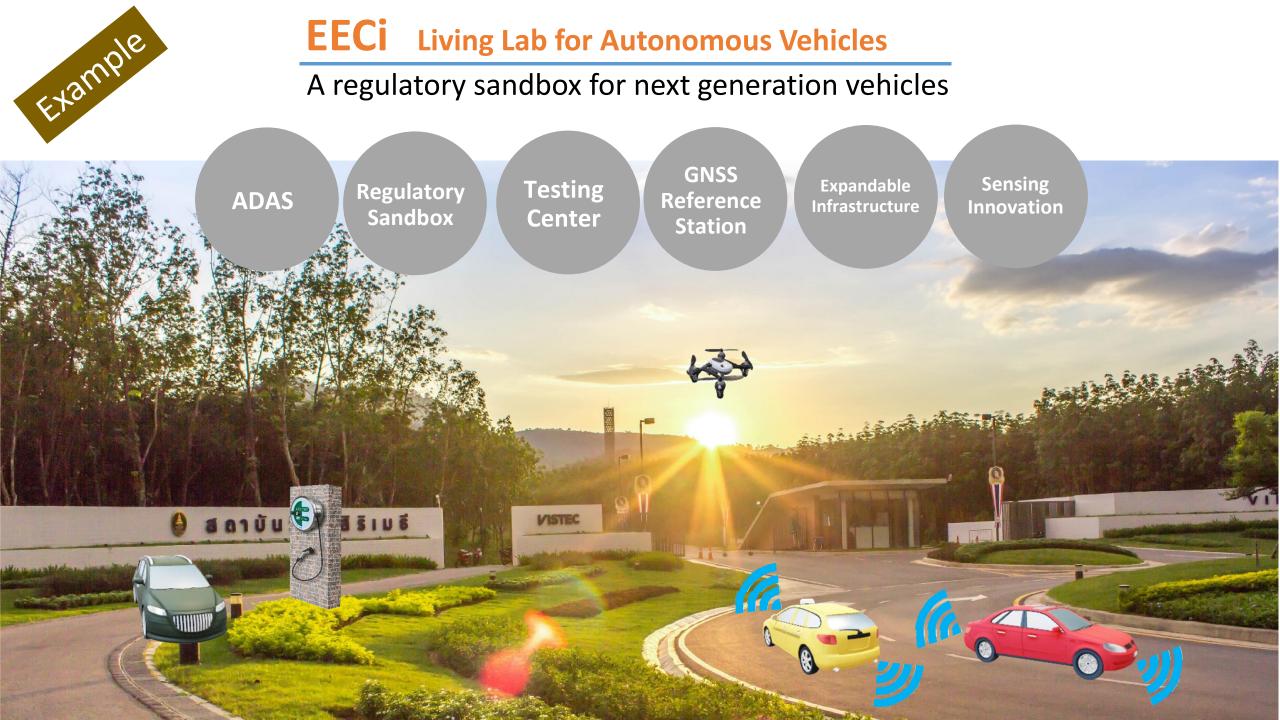


ARIPOLIS: Completing Thailand Intelligent Economy Roadmap



ARIPOLIS: Enabling Platform for Smart Thailand





EECi at Space Krenovapolis

Industry Education Burapha University Laemchabang Industrial Estate **Pinthong** Etc. **Digital Park Thailand Kasetsart University** Support Infra. - Hospital - Internet (CAT) - Water supply - Electricity Social EECi (SKP) Residence Laemchabang village +100 Units for staffs Sahapat village +24 Units for guests Ao-Udom village

Sport / Leisure:

- Badminton court

- Fitness

Infrastructure



: Aerospace Structures and Materials



: Space Learning Kingdom



: GNSS Innovation Center



: Geo-informatics center



: Air-Space Management and Mission Planning



Space Innovation Projects : In-house Ground - Satellite **Innovation**

Examples of Partner















Food Innopolis





R&D

Facilities

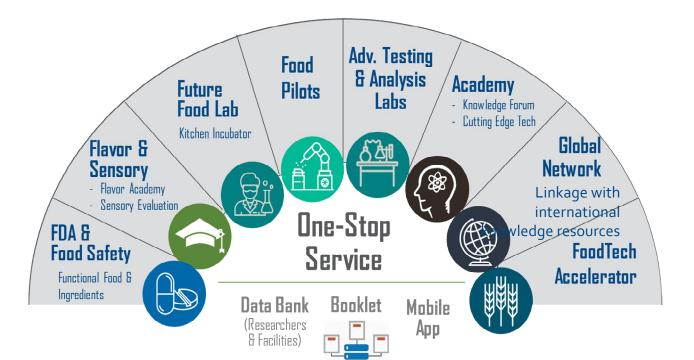






R&D Coach

Ingredients & Packaging Library



Collaborative Network & Partners

- 36 Private Companies
- 23 Universities
- 12 Government Agencies

































Food Innopolis Development Roadmap











Functional Ingredients

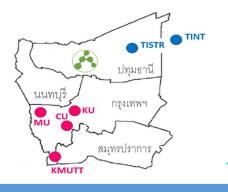
Seafood & Halal Food













CMU:

KKU:

PSU:

@ RSP, Universities, and **Government Agencies**

FI Phase III

@ Private RDI Center

FI Phase I

Thailand Science Park

Invite World-Class Food Contract Research Organization (CRO) to establish in Food Innopolis

Regional Science Park



Ease of Doing Innovation Business

- National Quality Infrastructure
- Innovation Lists
- Research Procurement
- Bayh-Dole Act
- Regulatory & Technical Sandboxes
- IP Management System
- Start-Up Business Act
- Etc.