CWEC Smart Processing & Innovation Hub

Integrating AI, Sensor, and Microelectronics for Future Industries

Public Higher Education institutions (affiliated with MHESI) in the area of "CWEC"

Suphanburi Province

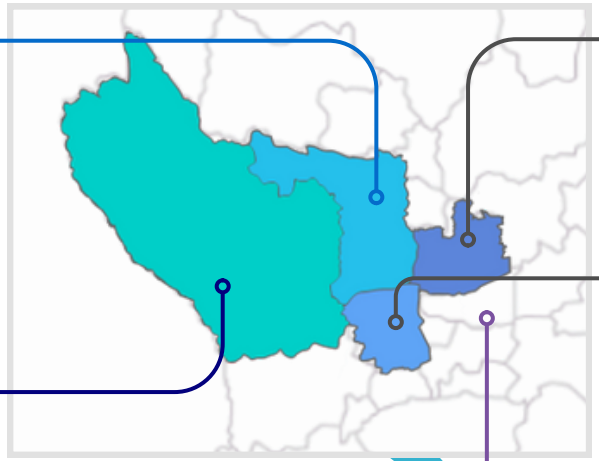
- Kasetsart University - Suphanburi Campus
- The Faculty of Industrial Education at Rajamangala University of Technology Suvarnabhumi (RMUTSB)
- Dusit University - Suphanburi Campus

Kanchanaburi Province

- Mahidol University - Kanchanaburi Campus
- Rajabhat University - Kanchanaburi Campus

MHESI

- Thailand Science Park, Pathum Thani Province
- King Mongkut's University of Technology Thonburi
- King Mongkut's University of Technology North Bangkok



Central Region (Thailand)

Ayutthaya Province

- Rajamangala university of Technology Suvarnabhumi
- Rajabhat University - Ayutthaya

Nakhon Pathum province

- Mahidol University
- Rajamangala university of Technology Rattanakosin
- Nakhon Pathum Rajabhat University
- Suan Sunandha Rajabhat University
- Nakhon Pathom Rajabhat University
- Silpakorn University

Strategic Plan & Technologies Focused

Vision

“The Central-Western Economic Corridor (CWEC) will serve as an incubator and promoter for the application of intelligent technologies (AI, digital technology, sensor technology, and microelectronics) to enhance smart agriculture, high-value industries, and create a suitable quality of life. It will become a learning and value creation area, serving as a model for Southeast Asia”

Technologies - Focused Strategies

1. Promoting Application and Integration of Smart Technologies

2. Developing Human Resource and Knowledge in Smart Technologies

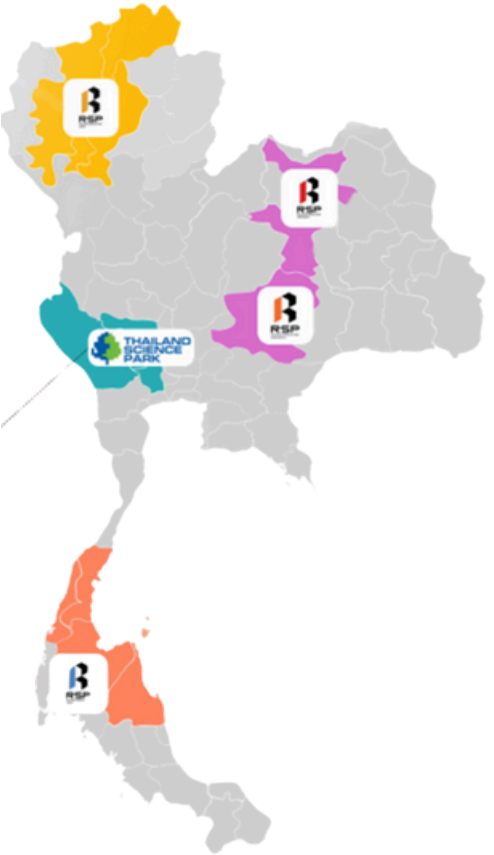
3. Strengthening the Innovation Ecosystem and Smart Technologies Incubator

4. Enchaining quality of life and Society through Smart Technologies

Strategic Plan & Technologies Focused

The Central-Western Economic Corridor (CWEC)

Consist of Ayutthaya, Nakhon Pathom, Suphan Buri, Kanchanaburi



Targeted Industry

- Agriculture and Food Industry
- Electronical Appliance industry and electronic

Targeted Technology

- Digital AI Sensor and Microelectronics Technologies

Central-Western Economic Corridor (CWEC)

Goal	Key Indicator	
1. Improving Smart Agriculture	1. Proportion of Smart Agricultural Area **Increased By 10%**	2. Economic Plant in Agricultural areas **Increased By 10%**
2. Upgrading High-Value Industrial	1. Proportion of Logistic Costs to GDP of the Province **Decrease not less than 1%**	2. Industrial businesses adopt AI/IOT/SENSOR technology **Increase by 50 places**
3. Creating Sustainable Quality of life	1. Quality of Tourism Revenue **Increase by 10%**	2. Areas implementing Smart Healthcare and Environmental Monitoring systems **Increase between 30 - 50 places** 3. Public–private–academia collaborations and R&D in smart technologies **Increase up to 30% by 2030**
4. Serving as a Hub for Nurturing and Driving Technologies	1. Startup and SME Enterprise in Smart Technologies are Incubated and able to Develop **At Least 20 Startup/SMEs**	2. Personnel with skills in smart technologies (AI, IoT, Data Science) are upskilled and reskilled. **No less than 1,000 people**
5. Becoming a learning Space and a Role Model for Value Creation	1. Economic Value Generated through the Application of Smart Technologies **Increased at least 1,000-2,000 Million Baht**	2. Outcomes and success models are published at both national and international levels, accompanied by study visits for knowledge exchange. **Not less than 10 times/year**

Flagship Projects

Smart Industry and Logistic Innovation Hub 4.0	01
Smart Agri-Food & Future Food Excellence Center	02
Development of Smart Energy System and Digital Infrastructure for Smart City & Tourism	03
Digital Technology for Senior Care & Community Well-being Center	04

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