



“EEC: Corridor to Thailand’s Investment”

ASEAN Innovation Roadmap & Bioeconomy Forum in Conjunction with GBS 2020

Luxmon Attapich, Ph.D.

Deputy Secretary General,
the Eastern Economic Corridor Office of Thailand

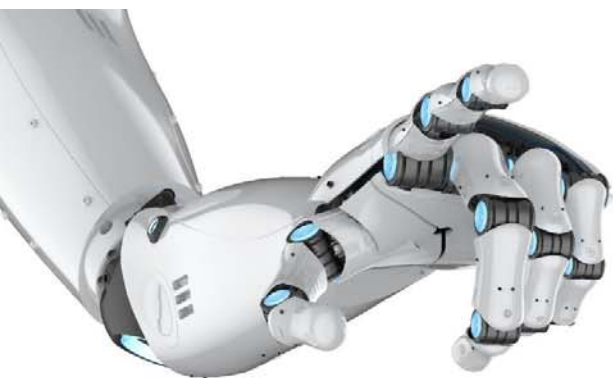
17 November 2020



EEC Complete Strategic Location

Creating an Inclusive Environment





12 TARGETED INDUSTRIES

PROMOTING ADVANCED TECHNOLOGY AND INNOVATION



Promoted Zones for Targeted Industries

EECh

High-Speed Rail Ribbon Sprawl

- A High-Speed Railway
- The Transit-Oriented Development (TOD)
- Location:
 - Makkasan Station
 - Si Racha Station

EECd

Digital Park

- The future destination for digital global players and digital biz innovators
- Explore, develop, and acquire original digital technology for thriving digital business



EECmd

Medical Hub

- Offer complete health care and medical services
- Elevate Thailand's health service
- Equip the country for the expansion of aging population

EECi

Innovation Platform

- Promote innovation and upgrade modern technology that will serve future business needs

EECa

Eastern Airport City

- Enhance business operations
- Provide a world-class experience for everyone

EECi Technology Platforms

EECi | BIO POLIS Biotechnology Platform

- Innovative Agriculture
- Chemical and Bioprocess Technology
- Functional Ingredients

FdInnopolis an anchor of EECi Food Innovation Platform

- IoT for Food
- Food Automation

EECi | ARI POLIS Automation, Robotics and Intelligent Electronics Platform

- Sustainable Manufacturing Center
- Smart Agriculture Center
- Smart Living Center
- High Performance Computing Center

EECi | SPACE INNOPSIS Aviation and Aerospace Technology Platform

- High Altitude Pseudo-Satellite Unmanned Aerial Vehicle (HAPS UAV) and Global Navigation Satellite System (GNSS)
- Aerospace NQI



SYNCHROTRON
THAILAND
CENTRAL LAB

SLRI_SPS-II

- Latest (4th generation) and largest synchrotron light source in ASEAN
- Infrastructure for innovation-oriented cooperation of academic and industrial research

EEC mission to support Bioeconomy



“A pilot area to advance the economy, society, and environment systematically”

EEC Development Plan related to Bioeconomy

- Environment Plan

Approval date: 15 February 2019

- Agricultural Plan

Expected to be approved by early 2021



Global pandemic accelerates global trends

Health

**Health & Safety as
a Business & Personal Priority**

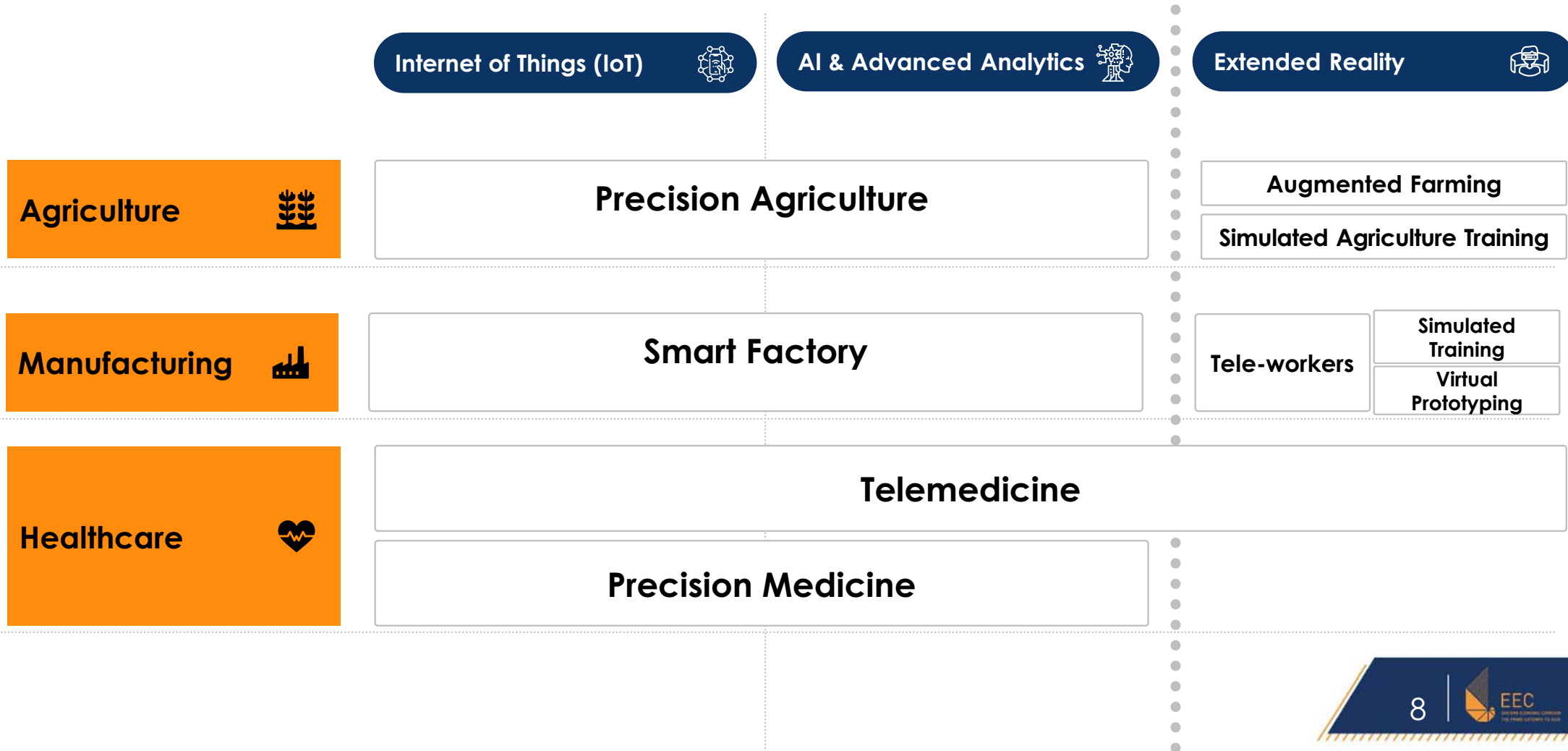


Digital

**From “Digital as an Option”
to “Digital by Default”**



Digital as a crucial part of Bioeconomy development



New Eco-system for Health and Wellbeing



Key Eco-system



- ✓ Fermentation
- ✓ Bio-Extraction



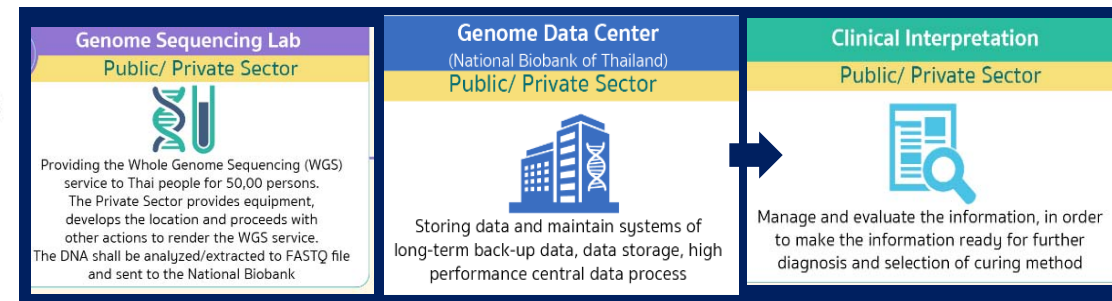
- ✓ The Latest (4th Generation) & The Largest Synchrotron light source in ASEAN
- ✓ Infrastructure for Nano-technology & In-depth research



- ✓ Plant Factory
- ✓ Phenomics Green House



Key Eco-system



Utilization of Synchrotron

Medical Device

- Used Beam 1st for 3D Printing
- Advanced Materials improvement

Therapy

- Proton shooter for Cancer Treatment

Pharmaceutical

- Drug Discovery and Development of New Medicines

Therapy and Lab Testing

Regenerative Medicines

- Gene editing in stem cell
- iPS Cell Therapy

Preventive Medicines

- Bioinformatic and Data analytics



EEC

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