



Eastern Economic Corridor

Zero Carbon Urban Development

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EASTERN ECONOMIC CORRIDOR (EEC)



Infrastructure to support Investment

Logistics Infrastructure

- Laem Chabang Seaport
- U-Tapao International Airport
- Map Ta Phut Seaport
- High-speed Rail

R&D and Innovation Infrastructure

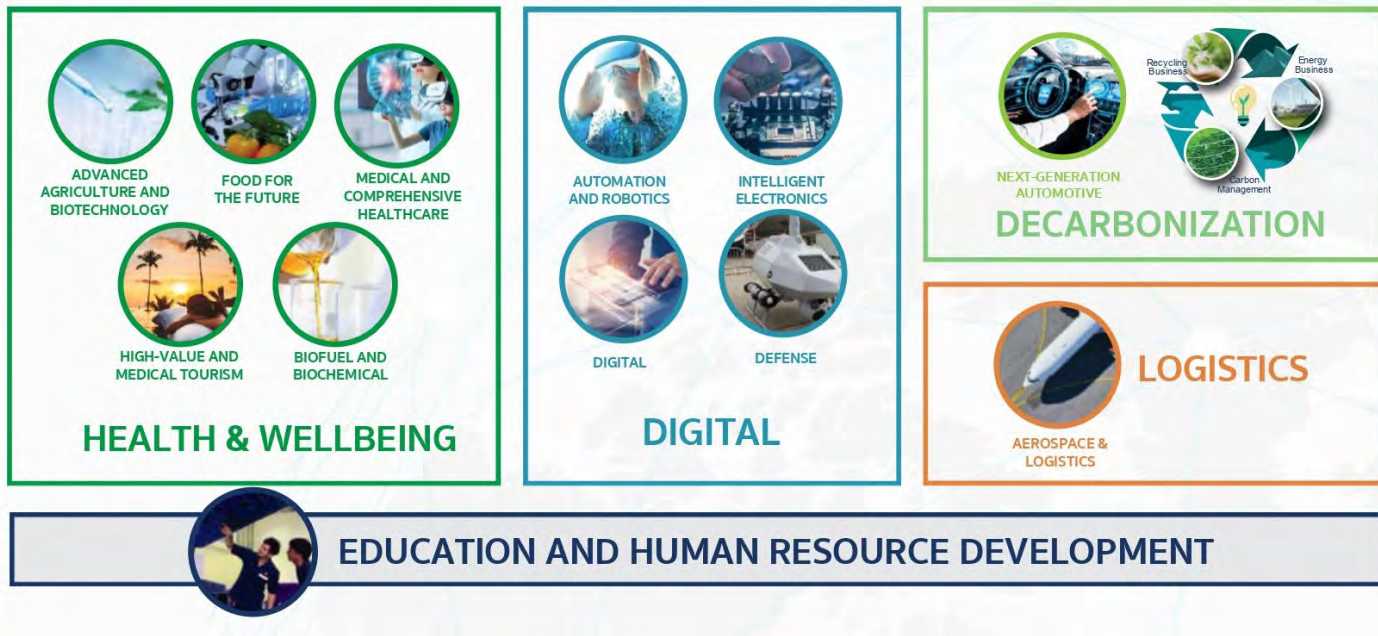
- EECi (innovation)
- EECg (genomics)

Digital Infrastructure

- EECd (digital)
- 5G Infrastructure

| Targeted Industries with Low Carbon Technology

12 Targeted Industries



BCG MODEL



19 Jan 2021

Thai government approved BCG Economy
as The National Agenda alongside Thailand 4.0



BIO-ECONOMY

- Value creation for agricultural products
- Utilization biodiversity and bioresources



CIRCULAR ECONOMY

- Improving productivity from linear economy to circular economy
(Reducing the use of natural resource, reusing, remanufacturing)

GREEN ECONOMY

- Efficient use for natural resources for production value chain
- Implementation eco-friendly technologies

EEC GREEN & CIRCULAR ECONOMY GOAL



Thailand is one
of the Parties that ratified
the Paris Agreement

Carbon Emission
Reduction Target :
20-25% by 2030

EEC Becomes
Net Zero Carbon
Emission area for
Industrial Sector



Improve Energy
Efficiency



Enhance Resource
& Waste Management



Create Business
Ecosystem

Green & Circular Execution Plan in EEC

1. Electricity Supply



EEC Board (March 2020)
endorsed green energy plan in EEC

- Phase 1 : Solar 500 MW+
- Phase 2 : 30% of total electricity demand

2. Waste Management



- Total Waste Management Project in Rayong (Rayong Model)
- Waste-to-energy Plant Project in Pattaya City

3. Ban Chang Smart City Development



- Spatial Development – Develop city to support EV transportation, Infra for Charging Station
- Ban Chang Clean Energy – Generate 50 megawatts of solar power in the area
- Ecosystem for Investment – Regulatory Sandbox for EV Certification, Digital Monitoring Platform for Energy Supply

4. Developing Carbon Credit Trading Platform



- In a collaboration with EEC Office, Federal of Thai Industries and Thailand Greenhouse Gas Organization
- Starting operation by 2022

DECARBONIZATION AND EEC's FOCUSED AREAS



Sustainable Mobility

Next Generation Automotive
Sustainable Aviation

National Target-
All new cars sales to be ZEV by 2035



Green & Circular

Energy business (Renewable energy,)
Energy efficiency management)
Recycling, Remanufacturing business



Smart City

7 Smart City Criteria

Smart solutions for People, Living,
Mobility, Energy, Environment, Economy
Governance

+ City data platform

CONCEPT FOR THE SMART AND SUSTAINABLE CITY DEVELOPMENT IN EEC



5 Livable

Safety, Security, Culture,
Infrastructure, Healthcare, Education



7 Smart

People, Living, Mobility, Energy,
Environment, Economy, Governance
+ City data platform



4 Social

Lifestyle, Tradition, Communities
Rural-urban - multicultural societies



GOALS



Low Carbon
Society

Smart
Growth



Circular
Economy

Smart Cities in EEC

Existing Cities



Brown Field
by **Digital
Economy
Promotion
Agency**

- Chachoengsao Livable City
- Bang Saen Smart City
- Chonburi City Center
- Rayong City Center
- Smart City Projects by Private Sector (e.g. Amata, Saha Group, Ban Chang (5G)/ Origin, WHA)

The Smart City project proposals from public, private, and local sectors will be assessed to receiving privileges from BOI.

New Cities



Green Field
as the
**Promoted
Zones**
by **EECO**

- EECh : TOD along HSR at Makkasan, Sriracha, and Pattaya stations
- EECa : U-Tapao and Eastern Airport City – Rayong (UTA)
- EECd : Digital Park - Chonburi
- EECi : Innovation Park - Rayong
- EECmd : Medical Hub - Chonburi
- Ban Chang Innovation Technology Park - Rayong
- EEC Business Center & Livable Smart City



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