Eastern Economic Corridor

Zero Carbon Urban Development

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**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

- Advanced Agriculture and Biotechnology
- Food for the Future
- Medical and Comprehensive Healthcare
- High-Value and Medical Tourism
- Biofuel and Biochemical
- Automation and Robotics
- Intelligent Electronics
- Digital
- Defense
- Next Generation Automotive Decarbonization
- Logistics
- Aerospace & Logistics
- Education and Human Resource Development
Thai government approved BCG Economy as The National Agenda alongside Thailand 4.0

**BCG MODEL**

- Agriculture
- Food
- Biochemical
- Pharma & Vaccine
- Medical Device
- Wellness Tourism
- Innovation
- Circular Solution
- Creative Economy

**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

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

4. Developing Carbon Credit Trading Platform
   - In collaboration with EEC Office, Federal of Thai Industries and Thailand Greenhouse Gas Organization
   - Starting operation by 2022

Improve Energy Efficiency
Enhance Resource & Waste Management
Create Business Ecosystem
**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
The Smart City project proposals from public, private, and local sectors will be assessed to receiving privileges from BOI.
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