“Eastern Economic Corridor Development project”

Driving Forward…

15<sup>th</sup> February 2017
Thailand 4.0

- Smart Phone for telephone
  T 1.0

- Smart Phone for e-mail and daily use
  T 2.0

- Smart Phone as a computer for internet and seeking new knowledge
  T 3.0

T 4.0
Smart Phone as a mean to create job and income through network and new innovation

Thailand 4.0 use technology to create income -- work smart, earn more. And leave no one behind
EEC: Putting Thailand 4.0 in Action via Area-based Development

Thailand 4.0
SMART TECHNOLOGY with SMART PEOPLE
Match to the real demand and leave no one behind

Thailand’s Industrial Policies
Moving toward New Technology with Inclusive Growth

10 Targeted Industries

EEC
The First Area-Based Development

• T4.0 in Action
• Industrial Policies in Action

Bangkok

Eastern Economic Corridor:
EEC
Chachengsao
Chonburi
Rayong

Bio Tech  Health Tech  Robotic Tech  Culture/creativity
Thailand Eastern Seaboard Development Project

... The beginning of the Thailand’s Industrialization

- The first industrial clusters for exports: Textiles, Electronics, Automobiles
- The first energy and petrochemical complex
  Maptaput: Refinery, Gas separation plant, Plastic and chemical
- The first integrated infrastructure for industrial needs
  Leam Chabang Seaport, Motorway, Double track railway

... Highly successful area development

- A famous destination for FDI
- Exports raised 12%, Industry grew 12%, Economy grew 7% per annum during the first 20 years.

EEC builds on 30 successful years of Eastern Seaboard
Why wait…?

EEC is the best strategic location of the region…

Combined GDP of East Asia, ASEAN, India region* represents 1/3 of world’s GDP

Gateway to Asia - reaching more than half of world’s population

EEC will represent the largest investment projects in ASEAN, in terms of budget and area
Regional Connectivity…
Center of East-West Economic Corridor and North-South Economic Corridor
Connect Indian Ocean with Pacific Ocean, CLMV, South China

Why wait…?
Why wait...?

Existing Industries and Infrastructures

- Industrial Estate
- Industrial Park
- Deep Seaport
- Motorway
- Double-Track Railway
- Airport

Map highlighting existing industries and infrastructures in the region.
4 core areas will be developed… to be World-class economic zone

**Ready to be upgraded…**

- Infrastructure
- Business, Industrial clusters and Innovation hub
- Tourism
- New cities and communities

**To be World-class economic zone**

- Aviation Hub
- Logistics Hub
- Trading Hub
- Adv. Manufacturing Hub
- Tourism Hub
- Innovation Hub
- Global Business Hub
- Metropolis of the Future
4 Core areas ... 15 Crucial Investment projects

1. U-Tapao airport and aircraft maintenance
2. Sattahip commercial seaport
3. Laem Chabang port phase #3
4. Map Ta Phut port phase #3
5. High-speed rail – east route
6. Double-track railway
7. Highways and motorway
8. Next-generation automotive (EV/AV)
9. Aviation industry, Robotics, Smart electronics
10. Advanced petrochemical and Bioeconomy
11. Medical hub
12. Tourism
14. New Cities, Inclusive growth
15. Public Utilities
Combined Public and Private Investments at least 1.5 Trillion baht ($43 Billion USD) in the first 5 years

- U-Tapao international airport: 200,000 million baht ($5.7 Billion USD)
- Map Ta Phut port: 10,150 million baht ($0.3 Billion USD)
- Laem Chabang port: 88,000 million baht ($2.5 Billion USD)
- High-speed train: 158,000 million baht ($4.5 Billion USD)
- New Cities / Hospitals: 400,000 million baht ($11.5 Billion USD)
- Tourism: 200,000 million baht ($5.7 Billion USD)
- Industry: 500,000 million baht ($14 Billion USD)
- Motorway: 35,300 million baht ($1 Billion USD)
- Dual-track railway: 64,300 million baht ($1.8 Billion USD)

Note: Estimated investment amount shown

EEC
How to?

EEC in action and timeline

1. SEZ Policy Commission Meeting
   - Mar 7, 2016

2. Cabinet approved Budget of 7 billion baht for 2017-2018
   - Jan 4, 2017

3. First informal EEC Committee meeting
   - Feb 1, 2017

4. NCPO Section 44 established Special EEC Committee to actively drive EEC progress
   - Jan 17, 2017

5. 5 High Priorities projects commencing
   - Q2, 2017

6. EEC Act expected to come into force
   - Q2, 2017

Cabinet approved Draft EEC Act.

Draft EEC Act.
5 High priority projects to start in 2017

- 3 million tourists
- MRO (Maintenance Repair & Overhaul center) First phase by Thai Airways and strategic alliances
- Start constructing 2nd runway
- Grant concession for new city airport

U-Tapao Airport

- Provide PPP for bidding 3rd phase

Laem Chabang Port

- Provide PPP for bidding to connect 3 airports

High Speed Rail

- Acquire lead investors for target industries

Target Industries

- Develop city planning and identify location

New Cities
#1 U-Tapao Airport city, first phase towards Aerotropolis

- New Runway
- New Free Trade zone 950 rai (1.52 million sq.m.)
- Maintenance Repair Overhaul (MRO) 570 rai (0.912 million sq.m.)
- Training Center 200 rai (0.32 million sq.m.)
- New High-Speed Rail connection
- New Commercial area 675 rai (1.08 million sq.m.)
- New Passenger Terminal 1,400 rai (2.24 million sq.m.)
- Existing Terminal
- Existing Runway
- To Cruise and Ferry Port in 10 Minutes
- To Pattaya in 30 Minutes
#2 Laem Chabang phase 3, towards World’s Top 10 ports

- Expansion to support growth
  - Double containers accommodation, from 7 to 18 million TEU/year
  - Triple car export accommodation, from 1 to 3 million units/year
- Logistics hub and Gateway for Indo-China
- Move into world’s Top 10 ports
#3 High-Speed and Double-track railways

Connect 3 International Airports within 1 hour with High-Speed Railway

Connect 2 International Ports with Industrial Clusters

**High-Speed Rail: Bangkok - Rayong**
- Connect 3 main airports: Donmuang, Suvarnabhumi, and U-Tapao in 1 hour
- Suvarnabhumi to U-Tapao in 45 minutes
- Accommodate 110 million passengers/year

**Double-track railway: Connect major ports with Industrial clusters**
- Upgrade to double-track from Laem Chabang to Map Ta Phut seaport
- New routes..
  - Laem Chabang – Pluak Daeng – Rayong in the pipeline
  - Map Ta Phut – Rayong – Chantraburi – Trat under study
#4 Target Industries in EEC: New technology and Innovation to create greater value

**Bioeconomy**
- Functional Food
- Bioplastic
- Cosmetic

**Auto, Auto parts, Electronics, and Robotics**
- Smart Automobiles
- Electronic parts
- Robotics for industrial and lifestyle use

**Aviation, Maintenance and Related Businesses**
- Aircraft parts and spare parts
- Maintenance, Repair and Overhaul (MRO)
- Air Cargo

**Medical Hub**
- Wellness Center
- Medical Center
- Medicines and Devices
#5 New Eco Cities … Inclusive growth, Green environment

- Enhanced urbanization, communities, quality of life and environment to international standards
- Leading universities and international schools
- Leading hospitals and medical centers
- Quality tourism spots
- Regional commercial centers

EEC Communities development funds
Special Privileges and Incentives for EEC

- Most favourable in Thailand, internationally competitive
- Focus on
  - Target industries with high technology
  - Infrastructures and logistics development
  - R&D and Technology support services
  - Tourism

BOI Special Privileges

EEC to become investment promotion zone

> BOI standard package plus 50% CIT reduction for another 5 years
> Potential 15 years CIT waiver plus grants for strategic projects in EEC
  (Thailand Competitive Fund)

On top of BOI privileges

Potential maximum 17% PIT for management, investor, expert of companies in target industries with HQ and facilities situated in EEC
  (Ministry of Finance)
Physical Infrastructure: Making investment feasible

- Private sector led investment
- Long-term land lease (50+49 years)
- Fast-track
  - Special PPP Process (3 months approval)
  - EIA Process

Social Infrastructure: Modern living standard

- Promoting city development
- International school
- International hospital / medical hub
- Clean and Green
- World class power/water/waste treatment

Incentives: EEC exclusives

- Tax-incentives CIT / PIT / Free trade zone
- Non-tax incentives VISA + work permit
- Financial incentives Holding foreign currency account
- One stop services

Community based Development: Inclusive process

- Special Fund for EEC communities
  - Health
  - Environment
  - Education
Mission EEC

- Chonburi
- Rayong
- Chachoengsao

Bioeconomy
Aviation industry
Modern automotive
Smart electronics
Logistics Hub
Food Processing
Agricultural Technology
Tourism
Robotics

FIRST S-CURVE
- Modern automotive
- Smart electronics
- Food Processing
- Agricultural
- Technology
- Tourism
- Bioeconomy
- Medical hub
- Digital

NEW S-CURVE
- Robotics
- Aviation
- Logistics
- Food Processing
- Agricultural Technology
- Tourism
- Bioeconomy
- Medical hub
- Digital
**EEC Collective driving force..Public-Private Partnership**

**EEC Policy Committee**  
Chairperson, Prime Minister General Prayut Chan-o-cha

**EEC Management Committee**  
Chairperson, Minister of Industry, Uttama Savanayana

**Eastern Economic Corridor Office**  
EEC Secretary- General, Kanit Sangsubhan

**Key Committee Members**
- Office of the Prime Minister
- Ministry of Defence
- Ministry of Transport
- Ministry of Finance
- Ministry of Industry
- Ministry of Interior
- Ministry of Education
- Ministry of Science and Technology
- Ministry of Digital Economy and Society
- Ministry of Tourism and Sports
- Royal Thai Armed Force
- Royal Thai Army
- Royal Thai Navy
- Royal Thai Air Force
- Royal Thai Police Department
- Office of the Attorney General
- Office of the Council of State
- NESDB
- Bureau of the Budget
- BOI

**Representatives from Private Sectors**

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