



NEW Investment Promotion Measures and Services

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16 May, 2023

Agenda

01

Thailand Overview

02

BOI's Next Move

03

Sectoral Opportunities

04

Our Supporting Services

Thailand's Strategic Location As Gateway to Asia

Strategic Location as Gateway to Asia & Market Access



The Thai Market

- Population: 69.8 Million¹
- Middle Class Consumers: 52 Million²

CLMVT

- 242 Million Consumers³
- Within 1,000 KM

ASEAN Economic Community

- 645 Million Consumers⁴
- 5th Largest Economy Globally (USD 3.2 Trillion)
- ASEAN FTA / ASEAN Connectivity

Greater Asia Region

- 4.6 Billion Consumers⁵
- Within 5,000 KM

Market Access: Regional Comprehensive Economic Partnership (RCEP)

RCEP Market snapshot

GDP

\$26.2

Trillion US

(35,104 Trillion KRW)

30 %

of the world's GDP

Population

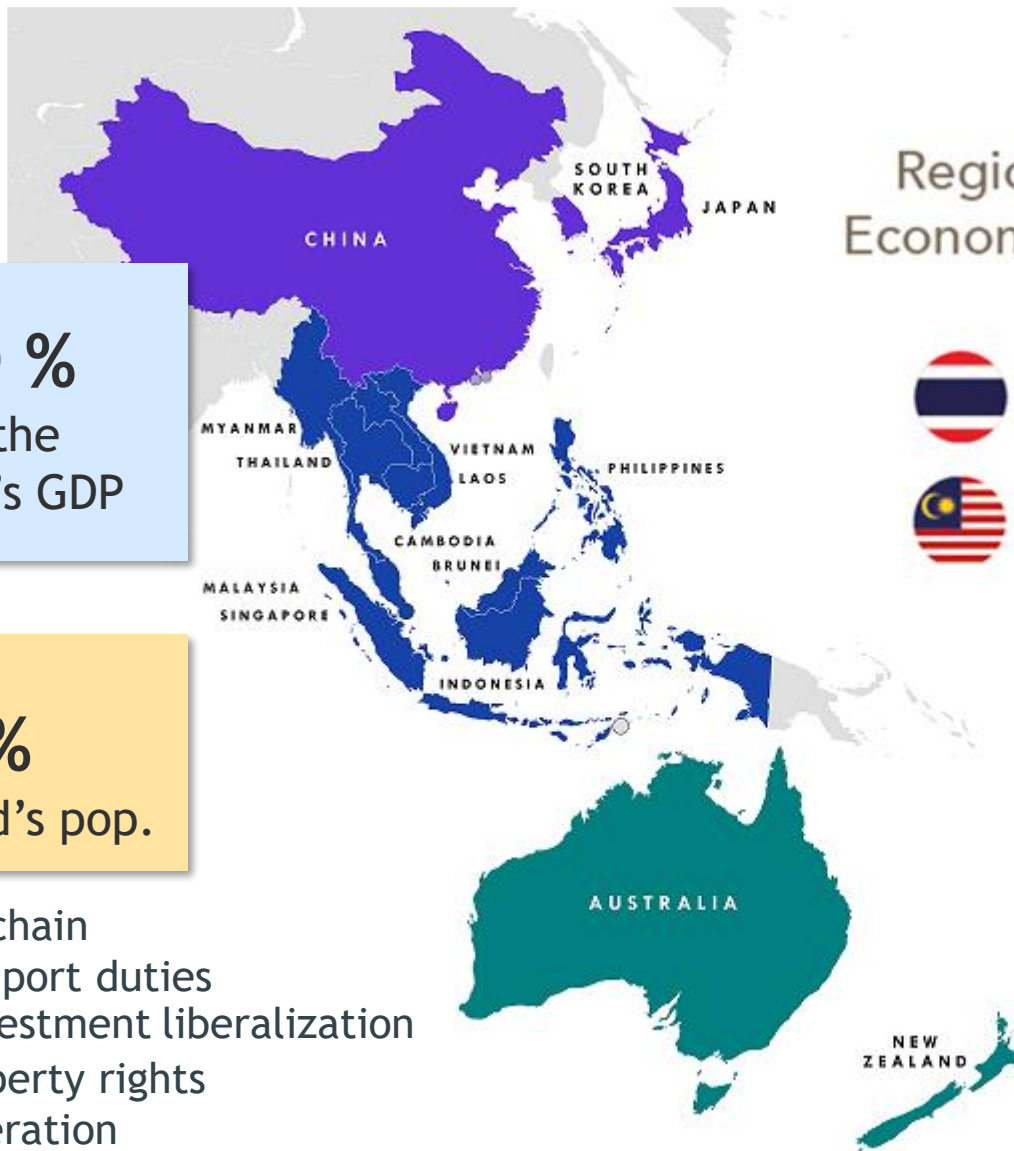
2.2

Billion people

30 %

of the world's pop.

- Strengthening regional value chain
- Elimination or reduction of import duties
- Promotion and facilitation investment liberalization
- Protection of intellectual property rights
- Economic and technical cooperation



Regional Comprehensive Economic Partnership (RCEP)

ASEAN



+5



Source: South China Morning Post, Nikkei Asian Review
 Note: Exchange Rate as of 28 April 2023, 1 USD = 1,339.87 KRW

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Sectoral Opportunities

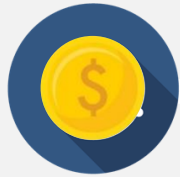
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Our Supporting Services

BOI's Role: To Drive the Investment to the New Economy

About BOI

BOI is a government agency under the Office of the Prime Minister



Promoter

drives and promotes investment in private sector in alignment with the country's development strategy & the changing world context



Integrator

integrates Government support tools such as tax, finance, and non-tax incentives in a whole package



Facilitator

coordinates with agencies to develop the ecosystem & facilitate ease of investment & eliminates problems/obstacles



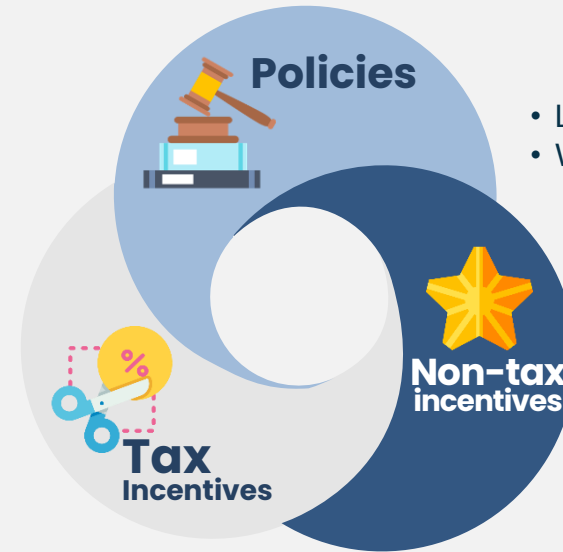
Connector

links large-scale with small-scale enterprises, Thais with foreigners, across industries & locations to expand business opportunities

Overseas Offices



BOI's Investment Promotion Measures



- Land ownership
- Work permit & visa facilitation
- 100% foreign ownership
- No local content requirements
- No export requirements
- No restrictions on foreign currencies

- Corporate income tax exemption up to 13 years
- 50% Corporate income tax reduction for 5 years
- Exemption of import duties on machinery
- Exemption of import duties on raw or essential materials imported for exports
- Exemption of import duties on goods imported for R&D
- Double deduction for the cost of transportation, electricity and water
- 25% deduction for the cost of installation or construction of facilities

7 Pillars of Investment Promotion Strategy for the New Economy

- 01** Restructure industries and strengthen supply chains
- 02** Accelerate transitions to smart & sustainable industries
- 03** Promote Thailand as an "Intl Business Hub" and a "Regional Trade and Investment Gateway"
- 04** Strengthen Competitiveness of SMEs and Startups and connect them to the World
- 05** Promote investment based on the potential of each area to generate inclusive growth.
- 06** Promote Development of Community and Society
- 07** Promote Thai Overseas Investment to Expand Business Opportunities

Whole Package Incentives
(Tax + Non-tax + Financial Incentives)



Ecosystem & Ease of Investment

Promote Investment that transform the Thai Economy into the "New Economy"

Innovative

An economy driven by technology, innovation, and creativity.

Competitive

An economy that is highly competitive, resilient and producing high growth

Inclusive

An economy that signifies environmental and social sustainability, opportunity creation, & economic disparity reduction

5 Targeted Industry



** Effective on January 3, 2023 onwards

9 measures for

Investment Promotion under the New Strategies

Competitive Enhancement Measure Upgrade

- **Additional incentives** for competitiveness enhancement
e.g. R&D, HRD and local supplier development
- **Special incentives** for establishment of high-skill development institutions in Thailand

Relocation Program NEW

Special incentives to stimulate companies relocating their manufacturing plants, regional headquarters and R&D centers to Thailand.

Submission of applications within the last working day of the year 2023

Smart & Sustainable Industrial Upgrade Programs Upgrade

Supporting business towards Smart and Sustainable Industries, both through New Investment and Upgrade of the Existing Businesses in many ways such as:

- Using Automation
- Industry 4.0
- Utilizing Digital Technology
- Reducing environmental impacts

Area-based Promotion Measures Upgrade NEW

Adding New investment promotion measure for Special Economic Corridors in four regions of Thailand to stimulate investment in targeted areas.

Promotion of Targeted Industries Major Upgrades

- **New 10 business categories** to get investment promotion
- **Adding Group "A1+"** for upstream and innovative business activities and target core technology development with 10-13 years CIT exemption without a cap
- **New investment promoted activities**

Retention & Expansion Program NEW

Special incentives for long standing investors having new or expanded investment in Thailand

Submission of applications within the last working day of the year 2023

Investment Stimulation Measures for Economic Recovery Upgrade

- Stimulating the investment of business activities in **Group A1 to A4** (Eligible for 3-8 years of CIT exemption)
- Actual investments of **no less than 1 billion baht** within 12 months from the issuance of investment promotion certificate
- Submission of applications **within the last working day of the year 2023**

Investment Promotion Measures for SMEs Extension

Incentives packages for Promote Competitive SMEs

- The minimum capital investment requirement of each project is **500,000 Baht**
- Receiving 200% CIT Exemption cap.

Social and Local Development Investment Programs Major Upgrades

Special incentives to encourage businesses to support local communities

- The minimum capital investment requirement of each supporting project is **not less than 5 million Baht**
- Supporting of each local organization is **not less than 500,000 Baht**
- Providing additional 200% CIT Exemption cap for supporting values.

** Effective on January 3, 2023 onwards

7 categories of Promoted Industries

(Active since 1993)

1. Agriculture and Agricultural Products
2. Minerals, Ceramics, and Basic Metals
3. Light Industries
4. Metal Products, Machinery, and Transportation Equipment
5. Electrical Appliances and Electronics
6. Chemicals, Plastics, and Paper
7. Services and Public Utilities

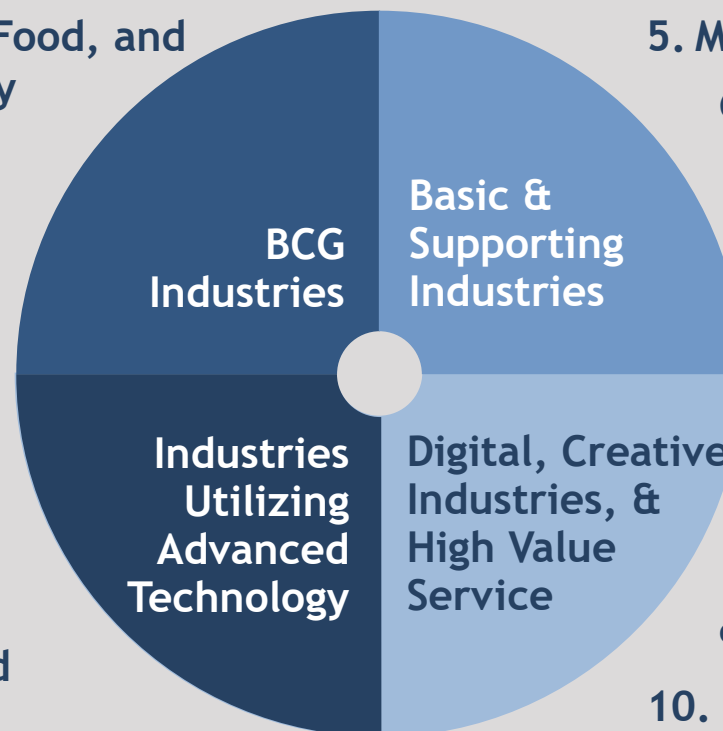
10 New Categories of Promoted Industries

1. Agriculture, Food, and Biotechnology

2. Medical

3. Machinery and Vehicles

4. Electrical and Electronics



5. Metals and Materials

6. Chemicals and Petrochemicals

7. Public Utilities

8. Digital

9. Creative Industries

10. High-Value Services

BOI

Investment Incentive Scheme

Basic Incentives

Activity-Based

- Agriculture, Food & Biotechnology
- Medical
- Machinery and Vehicles
- Electrical and Electronics
- Metal and Materials
- Chemicals and Petrochemicals
- Public Utilities
- Digital Industries
- Creative Industries
- High-Value Services

Incentive

≤ **13 years** CIT exemption



Additional Incentives

Competitiveness Enhancement

- Research & Development (R&D)
- Support academic/ research institutes, or technology and human resource development fund
- IP licensing fee
- Advanced technology training
- Development of local suppliers
- Product and packaging design

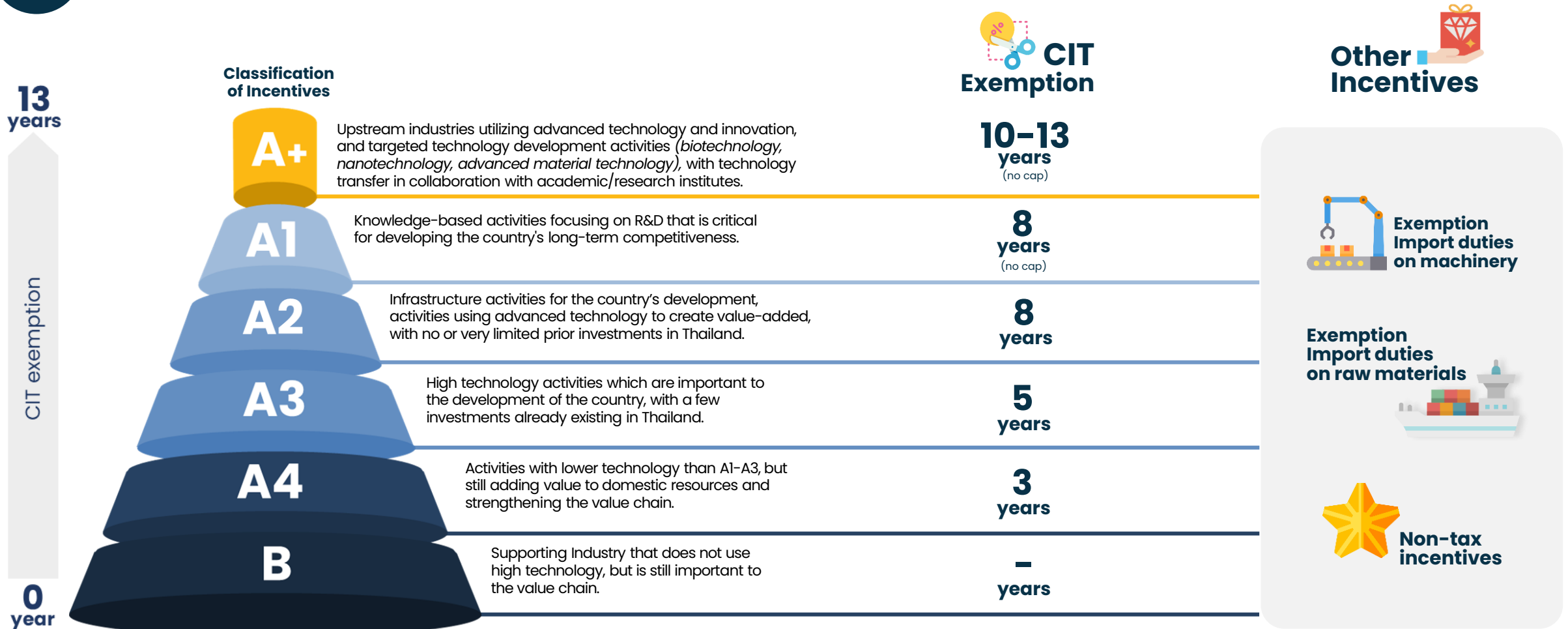
Area-Based

- EEC 3 provinces
- SEZ 10 provinces
- 4 Special Economic Corridors
- Southern border provinces
- 20 provinces with lowest income
- Industrial Estates/Zones
- Science and Technology Parks (TSP, Food Innopolis, Space Krenovation Park)
- Yothee Medical Innovation District

Agenda-based

- Investment Stimulation Measure for Economic Recovery
- Smart and Sustainable Industry Measure
- Social and Communal Development Measure
- Comprehensive Relocation Measure
- Retention and Expansion Measure
- Measure to Support the Establishment of Highly-skilled Professional Development Institutes

01 Investment Promotion measures for Targeted Industries



New Eligible Investment Promotion Activities

EV Related Activities
 such as manufacture of Fuel Cell Electric Vehicles (FCEV), manufacture of parts and components for the fuel cell system, battery swapping station services.

Activities Related to New Energies
 such as hydrogen production from water using circular renewable energy, including related products such as green ammonia, production of hydrogen from hydrocarbon or fossil fuels, and hydrogen-based electricity/steam generation.

Activities related to future foods
 such as manufacture of novel food, organic food and food with health claims.

Aerospace-related activities :
 such as manufacture of maintenance equipment and ground support equipment, manufacture of mechanical or electronic parts for satellites, design and development of systems for satellites and ground stations and launching or launching control system

02 Measures for Competitiveness Enhancement

+ Additional Incentives **NEW**

2.1 Provide extra incentives to encourage the implementation of competitiveness-enhancing initiatives

Eligible Investment/Expenditures for the computation

1. Technology and Innovation

- Research and Development (R&D)
- Licensing fees for using domestically developed technology
- Product and package design
- Support for S&T organizations such as academic institutions, specialized training centers, research institutes, and public agencies, including various funding such as technology and innovation, personnel development as approved by the BOI

2. Human Resource Development

- Advanced technology training
- Organizing training or accepting student internships for work training and skill development during their S&T education

3. Development of Business Operators' Potentials

- Local supplier development

Investments/
Expenditures to Sales
in the first 3 years

Additional Periods
for CIT Exemption

≥ 1% / ≥200 MB

1 year

≥ 2% / ≥400 MB

2 years

≥ 3% / ≥600 MB

3 years

≥ 4% / ≥800 MB

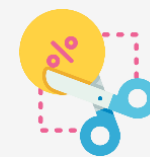
4 years

≥ 5% / ≥1,000 MB

5 years

+ Additional CIT Exemption Limit

200% of Investments/Expenditures



In the case of investments/
Expenditures on R&D ≥ 1%

CIT Exemption

(with no Cap)

Extension of CIT Exemption to

a Maximum Period of **13** years

2.2 Promote establishment of Institutes for advanced skill personnel development

Promote private enterprises to establish academic/training institutes for advanced technology by providing incentives to their parent company



Retention & Expansion Program

Objective To incentivize the existing companies to continue their manufacturing bases and investment in Thailand.

Incentives for Expansion Projects

(In Addition to the Standard Benefits)

Group A1+

(basic incentives of CIT exemption for 10-13 years)



+ Additional CIT exemption for **3** years
(not more than 13 years in total)

Group A1, A2

(basic incentives of CIT exemption for 10-13 years)



50% reduction for CIT exemption for **5** years

Group A3, A4, B

(basic incentives of CIT exemption for 10-13 years)



+ Additional CIT exemption for **3** years
(not exceed 8-year exemption period)

Conditions

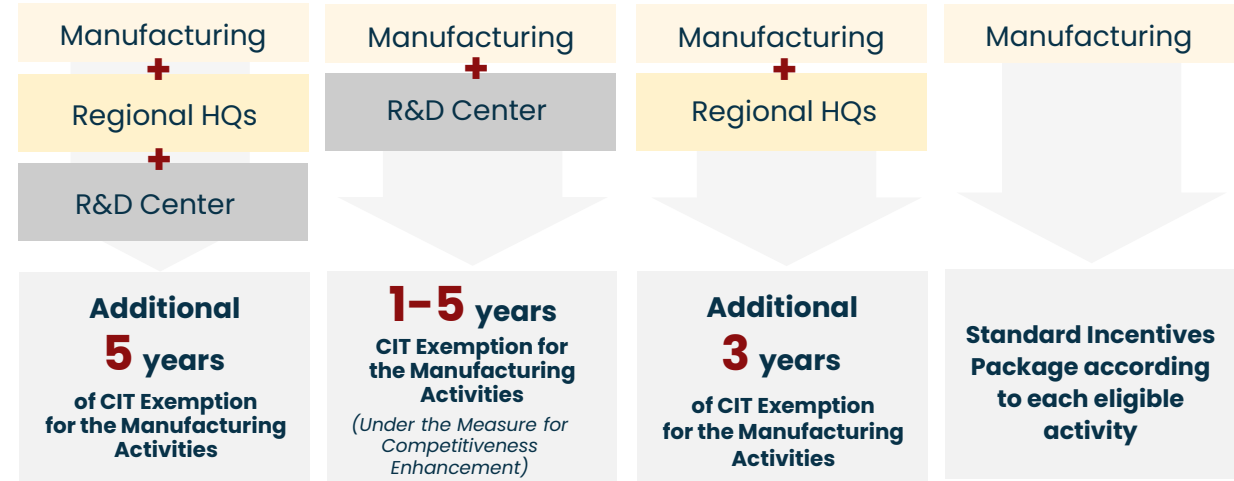
- Being a BOI-promoted companies for over the past 15 years (2008–2022) of with at least **3 projects**, with a combined investment value (excluding cost of land and working capital) of **not less than 10,000 million baht**.
- Expansion projects with total investment value (excluding cost of land and working capital) of **at least 500 million baht**.
 - **For all activities, unless specified directly otherwise by the BOI.**
 - **Promoted projects are not eligible for additional incentives under the Measure to Stimulate Investment**
 - **Applications must be submitted by 2023**

Note: Board of Investment Announcement No. 8/2565 and No. 12/2565

Relocation Program

Objective

To stimulate comprehensive relocations of business operations including manufacturing facilities, regional headquarters and R&D centers to Thailand.



Note: the total period of corporate income tax exemption shall not exceed 8 years.

Conditions

- A company can apply by adding a new Regional Headquarters (IBC) and/or the R&D center to its existing manufacturing activities or apply for a promotion on manufacturing activities together with its IBC, and/or the R&D center as one project.
- The IBC/ R&D Center must start their servicing operations within 3 years after the date of investment promotion certificate issuance or the submission date of applications for project amendments and must not exceed the CIT exemption period
- The Regional Headquarters/ R&D Center must operate their essential functions as approved by the BOI.

➤ **Applications must be submitted by 2023**

Note: Board of Investment Announcement No. 8/2565 and No. 13/2565

05 Investment Stimulation Measures for Economic Recovery

Applications must be submitted by 2023

Condition

1. **A target industry (A1-A4)** [except for activities without specific location, as no investment promotion zones can be identified for the incentives]
2. **A real investment value** (excluding cost of land and working capital) **of no less than 1,000 million baht within 12 months after the date of investment promotion certificate issuance.**
3. Projects entitled **for CIT exemption** under various measures of **no more than 8 years in total**
4. **Extensions of deadlines are not allowed for acceptance of investment promotion or investment promotion certificate.** However, deadline extensions for machinery importation and commencement of full operation may be considered as appropriate.
5. The project must submit evidence of real investment for additional incentives **within 18 months from the date of investment promotion certificate issuance.**

Objective

To stimulate large-scale projects to start their investments in the next 1-2 years

Incentive

5 years
Exemption
CIT



Additional to the Standard Incentives



06 Smart & Sustainable Industrial Upgrade Programs

Smart

Sustainable



Automation and Robotics



Digital Technology



Industry 4.0



Energy Conservation, Alternative Energy, Environmental Impact Reduction



International Standards of Sustainability such as GAP, FSC, PEFCs, ISO 22000

Efficiency Improvement for Existing Projects

3 years
Exemption CIT

50%* or 100%

**depending on the conditions of the investment value in efficiency enhancement.*

New Investment of Group B with upgraded Operations

3 years
Exemption CIT

50%* or 100%

**depending on the conditions of the investment in automation and robotics systems or Industry 4.0 manufacturing standards.*

07 Investment Promotion Measures for SMEs

01 Activities for Industrial Linkages

Encourage Thai manufacturers of parts and components to **enhance** their standards to join the global supply chain.

BUILD



- Organize buyer-meet-seller activities and central marketing platforms for parts trading
- Lead SMEs to trade events to meet with foreign buyers
- Host the annual event of SUBCON Thailand
- Provide services through the platform for industrial linkages at "www.BUILD.go.th"

Match-making Activities for High-skilled Personnel

02

Facilitate employment and training in collaboration with the coordinating center for advanced skill development platform (**STEM One-Stop Service: STEM OSS**)



Co-Creation of workforce



Job Matching Services

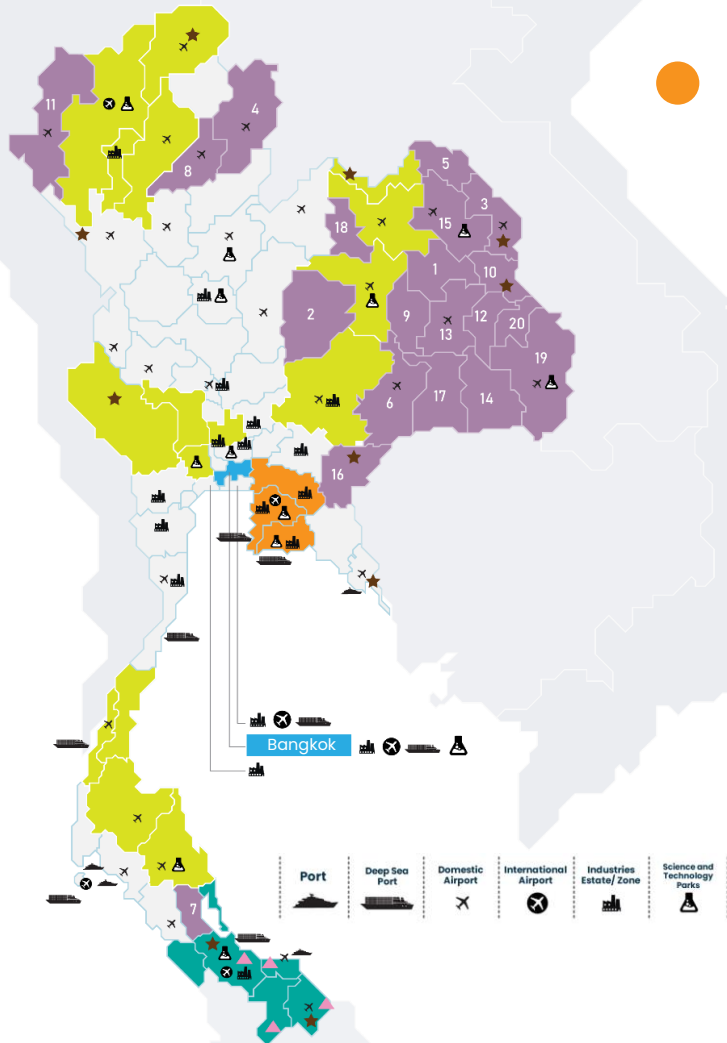


Workforce Development Up-skilling/ Re-skilling programs



Establishment of Industrial Training Center (ITC)

08 Area-based Promotion Measures



● **The Eastern Special Development Zone (Eastern Economic Corridor : EEC)**
covering 3 provinces

● **Special Economic Corridors in 4 Regions (NEC, NeEC, CWEC, SEC)**
covering 16 provinces



★ **Special Economic Zones (SEZ)** covering 10 provinces

● **Areas with low per capita incomes including 20 provinces**

● **Southern Border Area**
including 4 provinces and 4 districts of Songkhla

▲ **Model City Project in the Southern Board Provinces**
(Nong Chik, Pattani/ Betong, Yala/ Jana, Songkhla/ Su-ngai Kolok, Narathiwat)

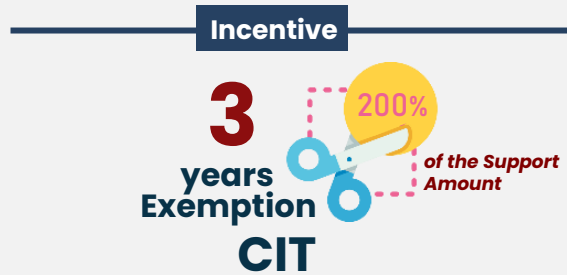
🔬 **Science and Technology Parks**

- **Science Parks** (at Pathumthani, Chiangmai, Khonkaen, and Songkhla)
- **Food Innopolis** (13 sites across the country)
- **Space Krenovation Park** by GISTDA
- **Innovation Platform** at EECi
- **Thailand Institute of Scientific and Technological Research (TISTR)**
- **Asian Institute of Technology (AIT)**
- **Yothi Medical Innovation District** by NIA

09 Social and Local Development Investment Programs

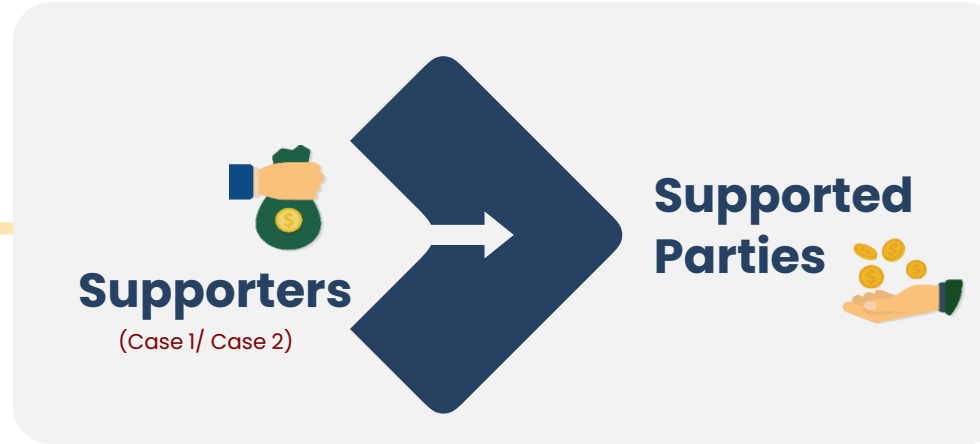
Case 1: Non-BOI Promoted Projects

- Operating in the eligible activities for the promotion
- Having never been promoted or promoted, but with no CIT incentives; or the incentives have been expired



Case 2: BOI Promoted Projects

- CIT incentives have not been expired or a new project entitled for CIT exemption



Supported Parties

- Co-operatives
- Community Enterprises
- Social Enterprises
- Local Administrative Organizations
- Government Agencies



Agriculture and Water Systems



Local Products/OTOP



Local Tourism



Education, Public Health, and Environment

TOTAL PROJECT INVESTMENT

≥5 Million Baht and >500,000 Baht per supported party

Types of Support Expenses

- Cost of Machinery and Equipment
- Cost of Plant Construction
- Cost of Training
- Other Expenses Approved by BOI

Projects must be completed within 3 years from the date of investment promotion certificate issuance or of application for project amendments, and must not exceed the CIT exemption period.

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Opportunities In EV Industry



Thailand continuously accelerates its next-generation automotive industry as an Automotive Hub in ASEAN



1st

Automotive Producer in ASEAN



10th

Automotive Producer in the World



World Ranking



5th

Light Commercial Car Producer



15th

Heavy Commercial Car Producer



18th

Passenger Car Producer



20th

Heavy bus Producer

Complete Supply Chain of the Automotive Industry

1,700 Companies

Supporting Industries

Thailand has strong supporting industries ranging from plastic, rubber and metal parts, tires, interior parts, seat, electric parts, electronics parts, safety system etc. which help complete the country's automotive supply chain.

720 Tier-1 Operators
> 1,100 Tier-2 and Tier-3 Operators

Auto Parts Industry

1st

Exporter of all types of auto parts in ASEAN

5th

Exporter of Tires Globally

12th

Exporter of Engines Globally

14th

Exporter of Automobile Parts Globally

23 Automobile Companies
12 Motorcycle Companies

Automotive Production and Assembly

10th

Automotive Producer Globally

Current Product Champion



One-ton Pickup



Eco-car

Next-generation Product



Electric Vehicle



Thailand as a Preferred Investment Destination for EV Ecosystem



Thailand has announced aggressive ZEV targets with **30@30 vision**

In 2030, 30% of car production in Thailand is ZEV (BEV+FCEV)

Passenger car & LCV | **50%** of new car sales
30% of productions

2-Wheelers | **40%** of new car sales
30% of productions

This translates into demand across ecosystem. Opportunities to be captured by 2030

725k units of car production
(440k local + 285k export)




675k units of 2-Wheeler production
(650k local + 25k export)




40+ GWh of domestic battery demand per year



13k+ units of public chargers needed across the country



5m parc Driving demand of supporting ecosystem
(2m cars + 3.3m 2W)



ASEAN most comprehensive and progressive EV support policy



30/30 EV Vision



Supply-side Measures

BOI Investment Incentives for ;

- Manufacture of BEV / PHEV / HEV and Platform for BEV
- Battery Electric Bus and Truck & Platform
- Battery Electric Motorcycle, Tricycle, Bicycle, Boat
- Battery Charging Station
- Key parts for EV
- Other Automotive & Electric parts and components

Demand Stimulation Measures

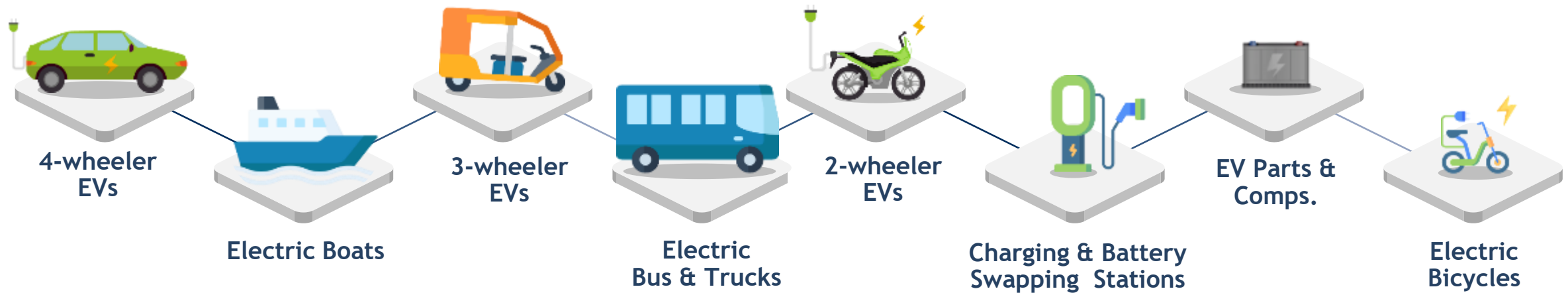
- MSRP subsidies for BEV (4W, 2W)
 - CBU import duty exemption / reduction
 - Excise tax reduction
 - Cash subsidy
- Government & SOE Fleet transition

Ecosystem

- Charging facility (Home / Public charger)
- Standard and Testing Facility

BOI Promotion on Battery Electric Vehicles (BEV)

BOI promotes every various types of **battery electric vehicles (BEV)**, including **BEV platforms** and Development of **Software & Digital Platform** with an aim of developing the country as Asia's manufacture hub of EVs.



INCENTIVES



Exemption
Import duties on
raw materials
Used in R&D



Exemption
Import duties on
machinery



Exemption
Import duties on
raw materials



CIT Exemption:
3 - 13 years

Promoted Projects on Electric Vehicles

(Source: BOI Information Database (BIS) as of 29th March 2023)

	86,854.1 MB. * (3,412.60 Trillion KRW)	26 Projects **	860,195 Cars	Promoted Projects ** 26	Certificate Issuance (Projects) 17	Commercialized Distribution (Brands) 11
HEV (38,623.9 MB.) (1,517.58 Trillion KRW)		7 Projects (7 Entities)	440,955			
PHEV (11,619.7 MB.) (456.55 Trillion KRW)		8 Projects (8 Entities)	137,600			
BEV (34,436.7 MB.) (1,353.06 Trillion KRW)		15 Projects (14 Entities)	277,640			
Battery Electric Bus (2,173.8 MB.) (85.41 Trillion KRW)		2 Projects (2 Entities)	4,000			

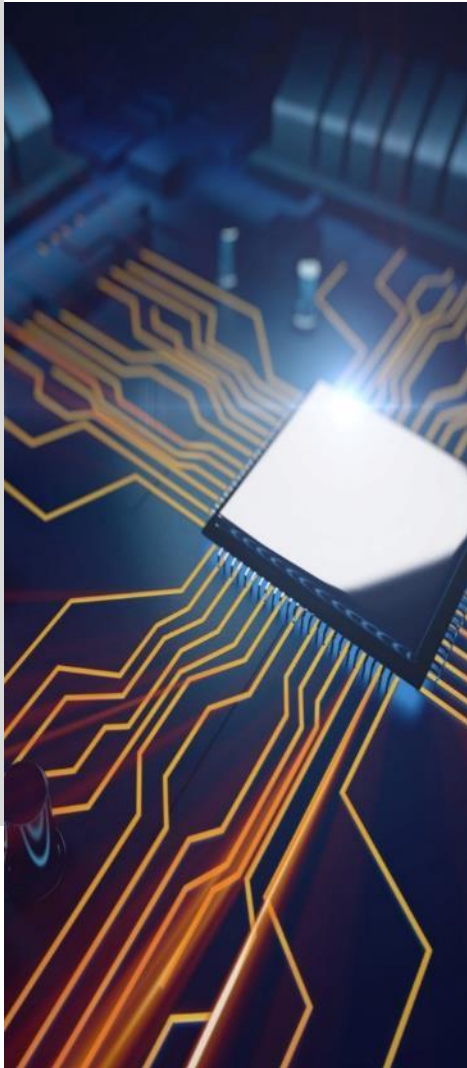
Remarks: * Investment Values excluding Cost of Land and Working Capital

** 17 Promoted Entities. 1 entity can be promoted more than 1 project. 1 project can be manufactured more than 1 type of the EVs.

Note: Exchange Rate as of 28 April 2023, 1 THB = 39.29 KRW



Global Trends Electronics Industry



Increase in Demand for Automobile and Electronics



The Growth in Medical Device technology



Development of Smart Cities Worldwide



Strategic Partnerships of electronics manufacturers.



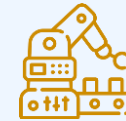
The Rising of Consumer Awareness of Environmental Sustainability



Logistics



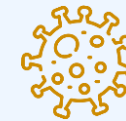
Internet of Things, 5G and Cloud Storage



Electronics Manufacturing Services (EMS)



Rapid Urbanization and Increasing Number of Megacities Globally



Pandemic Shortages (Covid-19)



Big data, Digital Transformation and Global Connectivity

Securing a Resilient Supply Chain

Smart Electronics Demand Driving Forces



Transformation to Industry 4.0



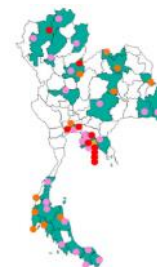
Additional incentive for **Automation, IOT, and Digital Technology** adoption to accelerate **Industry Revolution**



Expansion of Smart City Projects across Thailand

Core pillars of the ambitious Thailand 4.0: **Smart City, Smart Home, Smart Living**

As of October 2021, Thailand consists of **15 Smart Cities** & **38 Smart City Promotional Zones**



Conversion to Electric Vehicles

EV-linked Demand from Zero Emission Vehicles (ZEVs) **“30/30 Vision”**

725k units of EV production

675k units of Electric 2-Wheelers production

40+ GWh of domestic battery demand per year

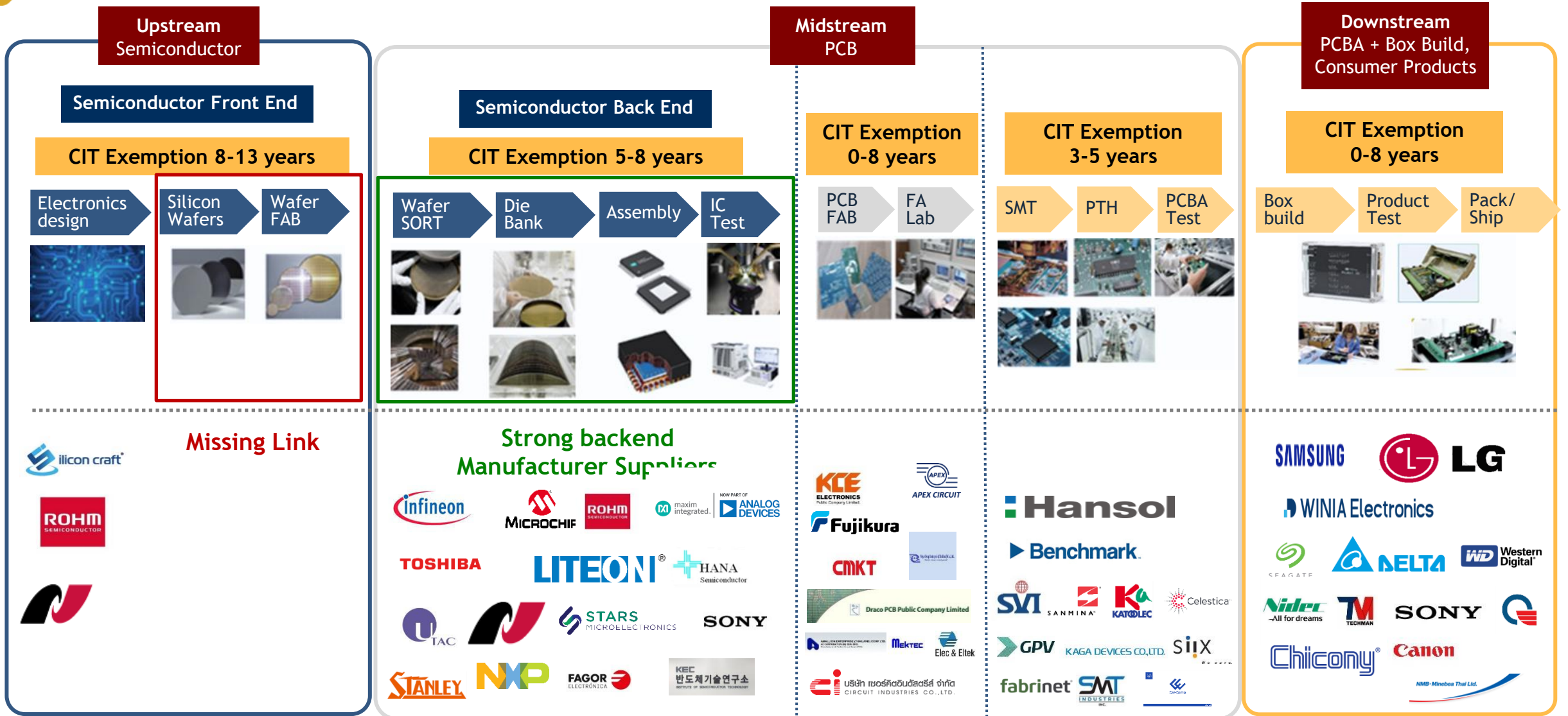


Demand across Supporting Ecosystem:

- **Connected Cars**
- **Onboard Sensors**
- **Mobility as-a-service**
- **Autonomous Driving**



Comprehensive semiconductor supply chain in Thailand



Supporting Industries



Mold

Metal part and component

Plastic part and component

Key Players in Smart Appliances and Electronics

With a reputation as one of the largest electrical and electronics appliance producers in Asia, a number of leading global electrical appliance manufacturers have established their production plants in Thailand. A diverse range of electrical and electronics products are produced with the employment of advanced technology in the production including smart refrigerator, smart washing machine and smart air conditioner

Key players in the market

SONY

Fisher&Paykel



SEAGATE

SAMSUNG

WINIA Electronics



Western Digital®



Quanta Computer

Panasonic



TATUNG

Haier

HITACHI
Inspire the Next



Electrolux



DELTA

TOSHIBA



LG



Cal-Comp

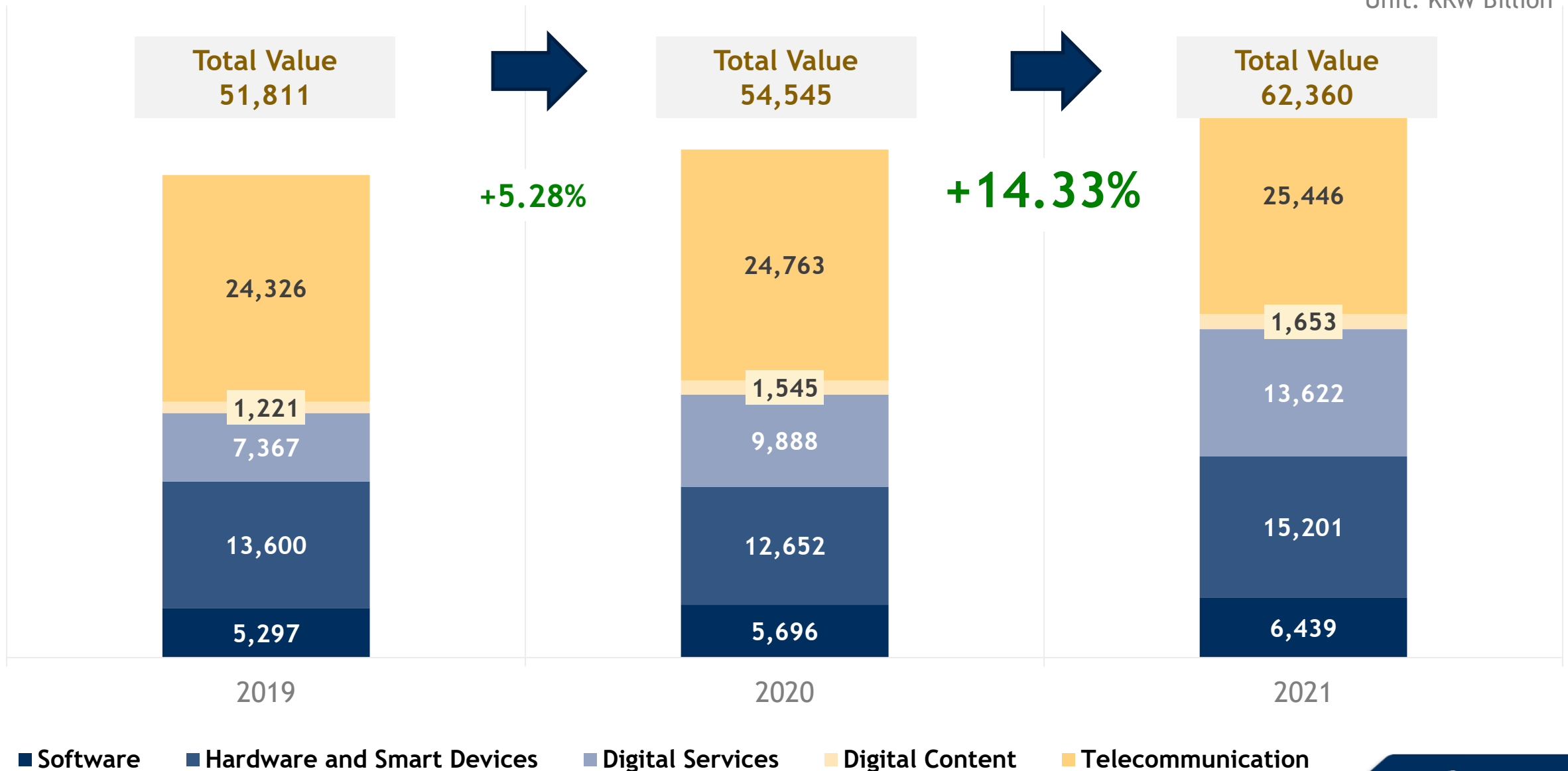
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Opportunities In Digital Industry

Thailand Digital Industry Value

Unit: KRW Billion



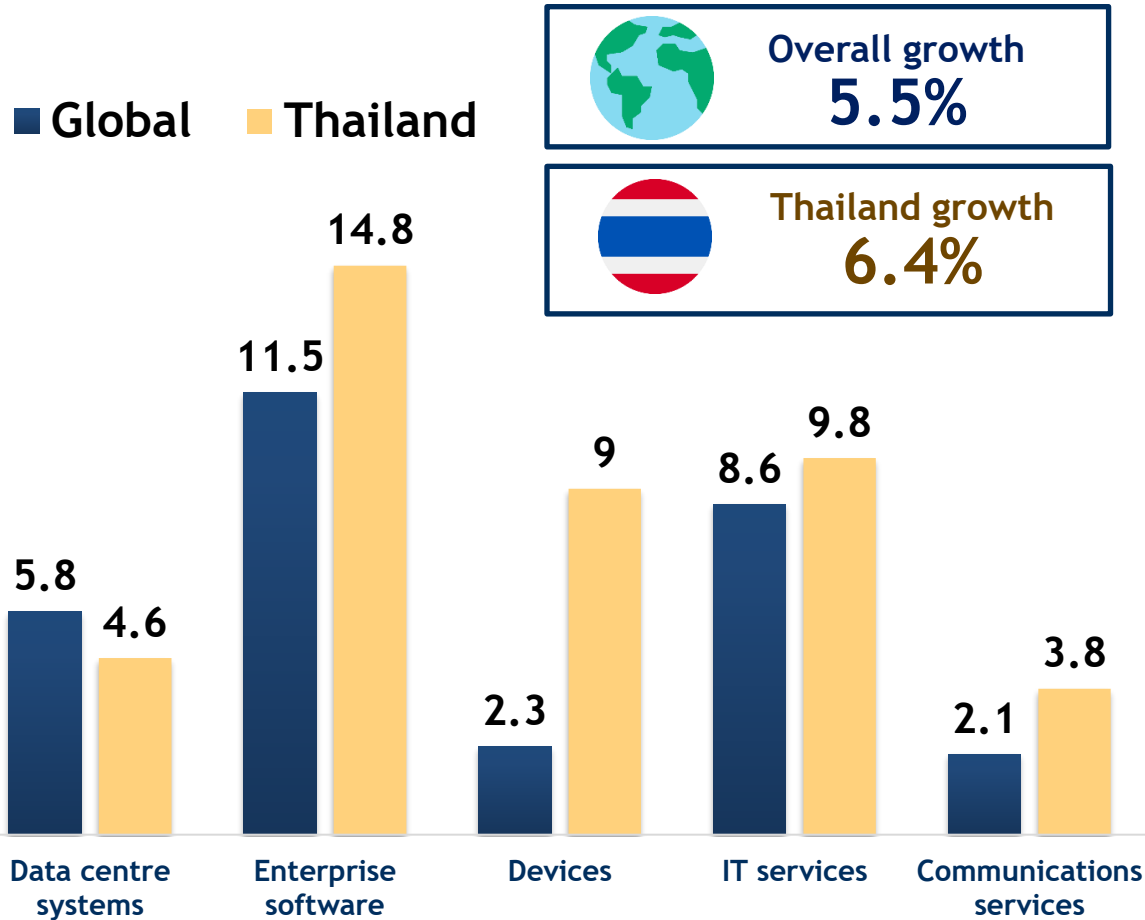
■ Software
 ■ Hardware and Smart Devices
 ■ Digital Services
 ■ Digital Content
 ■ Telecommunication

Note: Exchange Rate as of 28 April 2023, 1 THB = 39.29 KRW

Source: Digital Economy Promotion Agency

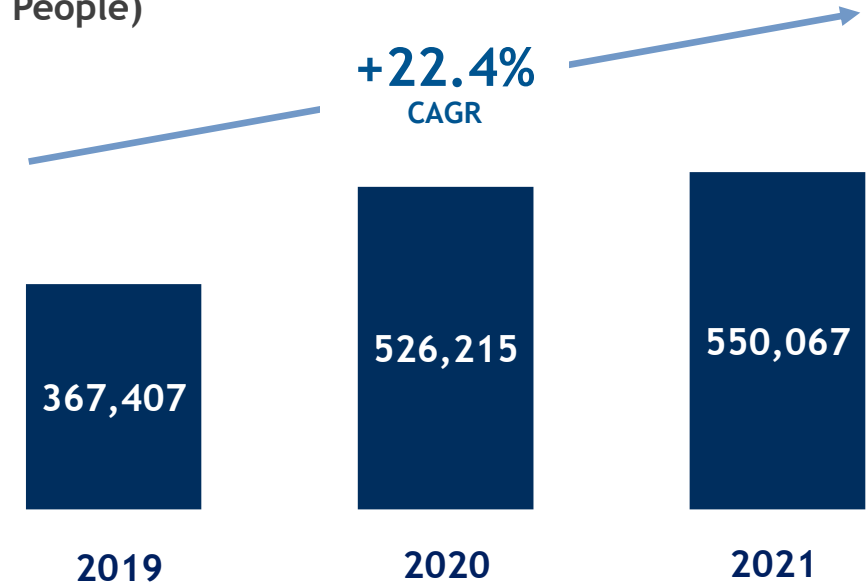
Thailand IT Spending and Labor Force in Digital Industry

IT Spending Forecast Growth by Segment (%)



Total Number of Labor in digital industry

(Unit : People)



- Upward trend in total number of labor in Thailand with CAGR **22.4 %**
- Hardware and smart services sector represented **57%** of total number of labor
- Digital services sector demonstrated the highest growth in total number of labor at **26.5%**

Covid-19 Accelerate Digital Transformation Across Thailand



Online Communication

Internet Stat of 2022:

- No. of SNS Media User: **57 Million** ↑
- Time Spent using the internet: **8H 6M**



e-Meeting/e-Learning

- Google Meet's user increase of **3000%** (**100 million users/day**)
- WebEx (Cisco)'s users increase **766%**
- Time spent on Video Con. platform: **3,000 million minutes**



Automation

- High Wage makes enterprise invested in Automation system. machinery cost will be decreased by 5% a year in the contrary, production efficiency will be increase of 22% by 2025
- No. of SMEs register machine to DIW increase by 25% (2018)
- Value of imported Industrial Robot (2020): **102 Million Baht. (+14.7%)** ↑



Security

- Data Protection Law
- Cyber attack increase by 18%
- Enterprise invested in security technology. Included Cyber Security, IoT Solution



e-Payment/Marketplace

- No. of e-payment transaction proceed in 2020: **13 million** ↑
- Value of Consumer Goods via Internet: **224.16 Billion THB** ↑
(No. of e-payment transaction increase due to government e-service)



Digital Infrastructure

- 10 International Submarine Cables
- Rank 8th in Fix Broadband Global Speed
- 5G
- 21 Co-Locations



Improvements in digital infrastructure boost digital readiness

Hard infrastructure

5G Adoption

with investments from Thai firms and MNEs

74,987 villages

nationwide to be equipped with internet access

Government aims to increase network bandwidth, as well as upgrade existing networks, and construct new submarine cable systems

Soft infrastructure

Digital Law

e.g. Data protection law, Cybersecurity Act

Government e-service

e.g. digital service tax earn, Promptpay

Government is focusing on launching several flagship projects to accelerate digital transformations, e.g. Data Center Modernization, Government Data Analytics Centre

Digital Industry Investment Promotion



Corporate Income
Tax Exemption



Exemption of import
duties on raw materials
used in R&D



Exemption of
Import duties on
machinery



Exemption of
Import duties
on raw materials



Non-tax
incentives

Software:

- Application
- Software Development

Digital Platform:

- Platform Service
- E-marketplace
- FinTech
- MedTech

Digital Content:

- Game
- Animation
- AR/VR

Digital Infrastructure:

- Submarine Cable
- Data Center
- Cloud Services

Digital Ecosystem:

- Innovation Park
- Maker Space or
Fabrication Laboratory
- Co-working Space

Smart City Development

- Smart City Area Development
- Smart city system development



Opportunities In Creative Industry

Opportunities under Creative Industry

Movie Industry



- Thai Motion Picture Production
- Motion picture support services
- Industrial Zone for motion picture (Movie town)

Invention Industry



- Creative product design and development
- Sports equipment or parts
- Musical Instrument
- Furniture or parts
- Printed Matter
- Toys

Fashion Industry



- Textile products or parts
 - Technical Fiber
 - Functional Fiber
 - Functional Yarn
 - Functional Fabric
 - Recycled Fiber
 - Other Fiber or Yarn or Fabric
 - Bleaching, Dyeing and Finishing, or Printing and Finishing, or Printing
 - Garments and Household Textiles
- Bags / Shoes
 - or Products made of Leather or Artificial Leathers
- Gems and Jewelry or parts including raw materials and prototype



Corporate Income Tax Exemption



Exemption of import duties on raw materials used in R&D



Exemption of Import duties on machinery



Exemption of Import duties on raw materials



Non-tax incentives



Opportunities In BCG

Economic Model

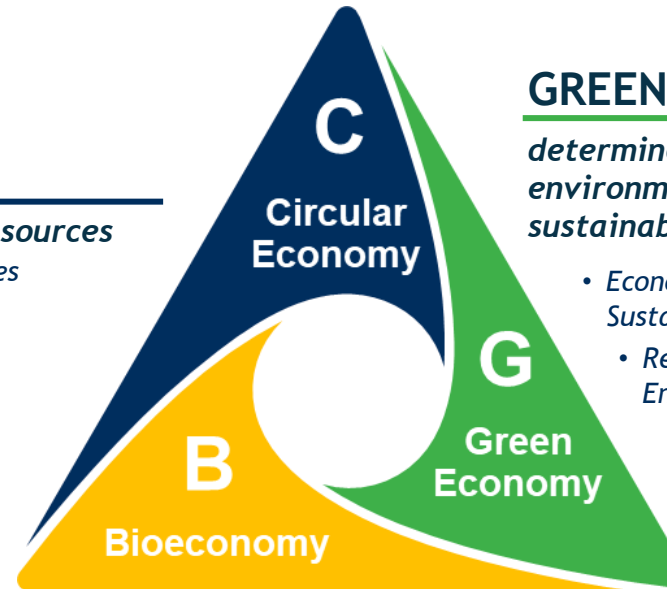
Goal of Carbon Neutrality by 2050



CIRCULAR ECONOMY

aims at reusing and recycling resources

- Reduce the use of Limited Resources
- Recycle and Reduce Waste



GREEN ECONOMY

determines to keep economy, society and the environment, in balance, leading to sustainable development i.e.

- Economic, Social and Environmental Sustainability
- Reduce the use of Natural Resources and Environment Impact

BIO ECONOMY

involves the production of renewable biological resources and the conversion of these resources into value added products

- Increasing Productivity and Resource Efficiency
- Adapting to Bio-base Production
- Value added Creation

examples

Unlimited Opportunities under BCG Economy

Food & Agriculture

- Smart Farming
- Breed/Seed Improvement
- Plant Factory
- Precision Agriculture/ aquaculture
- Healthy food and high-value bio-ingredients (i.e. prebiotics, probiotics, nutraceuticals, active ingredients, F.O.S)
- Novel food
- Alternative protein: plant-based, insect-based & cell-based

Health & Medicine

- Biomaterial drugs
- Gene Therapy
- Vaccine and Biosimilar
- Medical Equipment
- Herbal drugs and products
- Clinical Research
- Tele-Medicine

Material & Energy

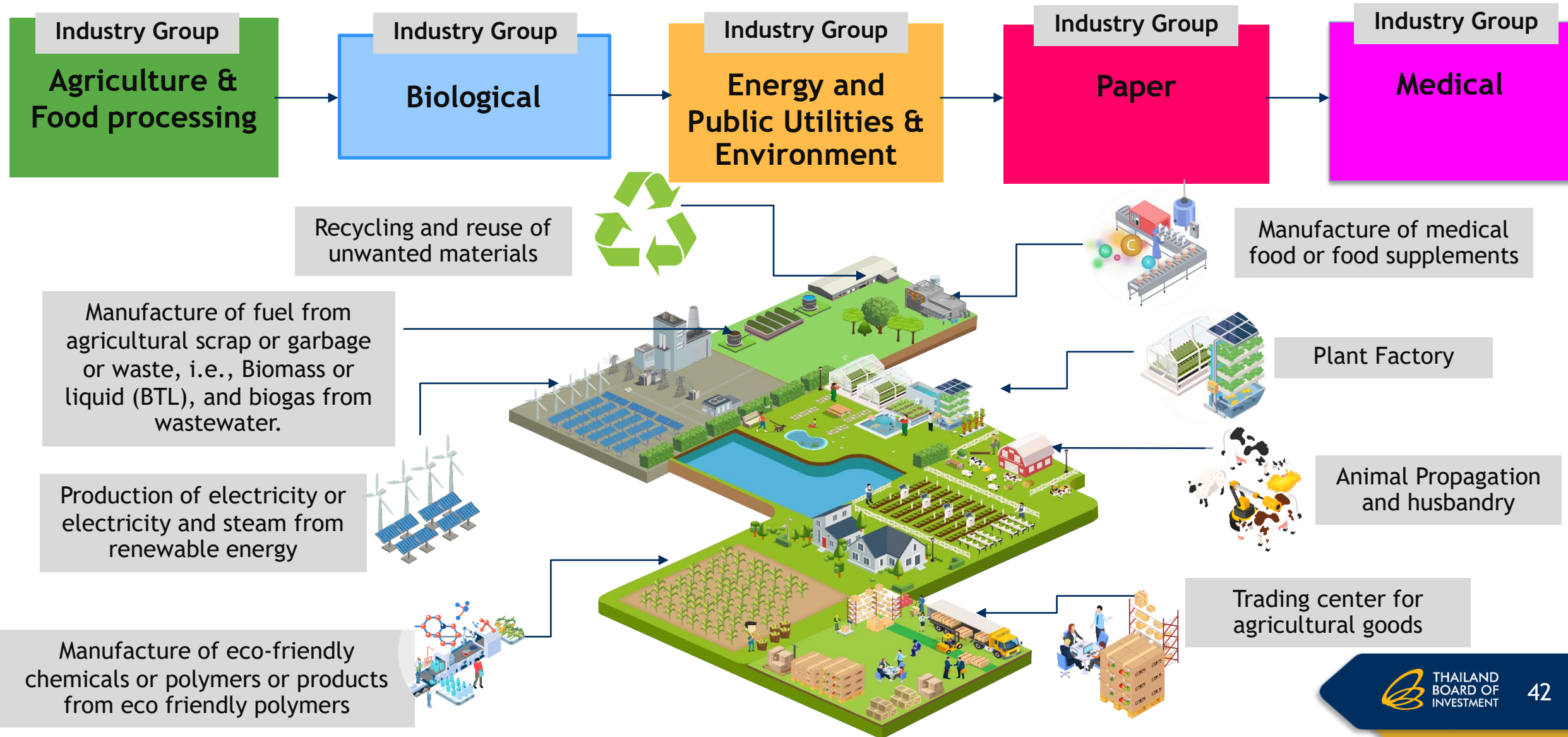
- Biomass Power Plant
- Biorefinery
- Biodegradable/ Bioplastics
- Eco-friendly chemicals or polymers
- Functional fiber from brewed protein
- Eco-packaging, packaging from agri-waste

Waste management & recycling

- Waste to energy
- Recycling from plastic waste to food-grade plastic

Samples of BOI-promoted projects under the concept of BCG

5 activities as BCG concept that can apply to BOI





Opportunities In Healthcare Industry

Thailand Medical Landscape at a Glance



Agenda

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BOI's Next Move

02

Investment Outlook &
Sweden's FDI

03

Sectoral Opportunities

04

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Thank you



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