



Think Thailand for your Business and Investment Expansion

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Thailand Board of Investment

27 June 2023

AGENDA

An aerial photograph of a city skyline, likely Bangkok, Thailand. The foreground is dominated by a lush green park with many trees. In the middle ground, there are several modern high-rise buildings, including a prominent one with a golden spire. The background shows more skyscrapers under a clear blue sky with a few clouds.

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Thailand Economic Overview

02

Introduction to Thailand Board of Investment (BOI)

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BOI Investment Promotion Snapshot

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Investment Promotion Strategy and Policy Updates

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Sectoral Opportunities and Highlight

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BOI Services

Thailand at a glance

International Ranking



World Competitiveness Ranking

30

2023
(total 64 countries)

14

FTAs with 18 countries

Economic Snapshot

66.09

million population

2.6

% GDP growth in 2022



2.7-3.7

% GDP growth Forecasted in 2023

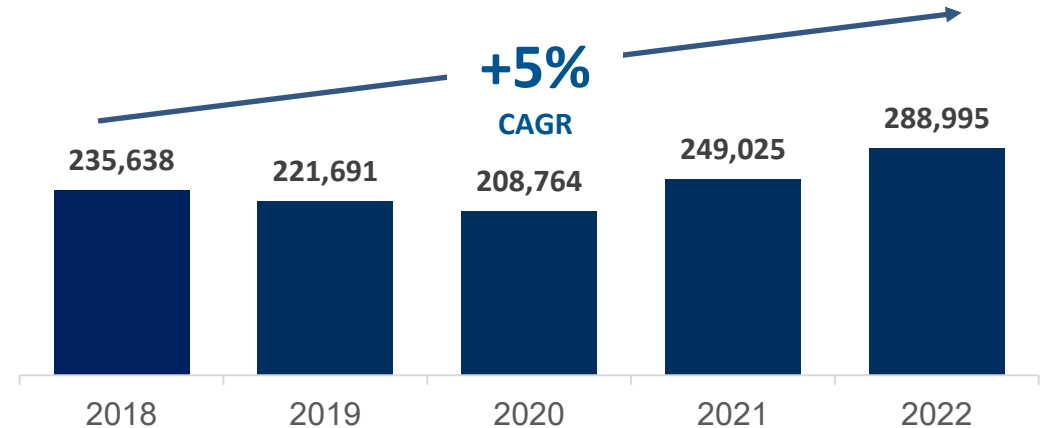
5.1

Real Private Investment growth

2nd

Largest Economy in Southeast Asia

Export Value (USD Million)



Top 5 Highest Exports & Trade Partners

Unit: USD



Automotive
28.5 billion



Computer
20.7 billion



Jewelry
15.0 billion



Rubber products
13.9 billion



Plastics
10.7 billion



China
107.1 billion



USA
66.3 billion



Japan
60.1 billion



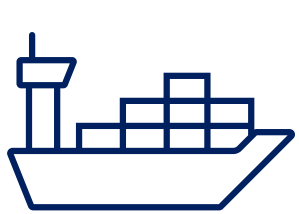
Malaysia
27.5 billion



Vietnam
21.4 billion

Other Indicators representing Thailand strength

Thailand recognizes as an attractive location for manufacturing base and offshore services. Various indexes support Thailand's strength in the area.



8th

Agility Emerging
Markets Index
2022



10th

Kearney Global
Services
Location Index
(GSLI) 2021



5th

Global Expat
Index (Bangkok)
2022

Expat Destination
by Expat Insider
2022

8th



11th

Regional Group Rank
Global Talent
Competitiveness Index
2022
(75th Global Rank)

Regional and International Cooperation



	Thailand	ASEAN	RCEP (ASEAN + 5 = 15)
GDP Value	495.2 Billion USD	3.35 Trillion USD	38.8 Trillion USD
GDP Share	0.5% of World GDP	3.5% of world GDP	30% of World GDP
Total Population	66.09 Million	663.9 Million	2.3 billion
Population Share	0.8% of World Population	8.4% of World Population	30% of World Population

Source:

Thailand: Office of the National Economic and Social Development Council (2022), https://www.nesdc.go.th/nesdb_en/article_attach/article_file_20230217092855.pdf, Department of Provincial Administration (2022), https://www.dopa.go.th/main/web_index

ASEAN: ASEAN selected based indicator (2021), <https://data.aseanstats.org/>

RCEP: New Zealand Foreign Affairs and Trade, <https://www.mfat.govt.nz/ru/trade/free-trade-agreements/free-trade-agreements-in-force/regional-comprehensive-economic-partnership-rcep/rcep-overview/>

World: IMF's World Economic Outlook database <https://www.imf.org/en/Publications/WEO/weo-database/2023/April>

United Nations State of World Population <https://www.un-ilibrary.org/content/periodicals/15648567>

Note:

ASEAN consists of 10 members: Brunei Darussalam, Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Thailand and Vietnam

RCEP consists of 15 members: ASEAN + Australia, China, Japan, New Zealand and South Korea

Factors to Influence Decisions on Investment Locations in the Future

Decision Factors for Investment Location Selection

- ✓ Market Opportunities
- ✓ Infrastructure and Logistics
- ✓ Readiness of Human Resource
- ✓ Regulation supports
- ✓ Supporting Industrial Base
- ✓ Optimal Cost
- ✓ Government Incentives



- ✓ Trade Wars
- ✓ International Conflicts
- ✓ Supply Chain Resilience
- ✓ Crisis Management Capability to Prevent Impact on Business Sectors
- ✓ Capability to Provide Renewable Energy



Thailand's Competitive Strength in Attracting Foreign Direct Investment



Strategic Location



Excellent infrastructure especially in the EEC area



Strong Supply Chain & Supporting Industries



High quality workforce & Business-friendly Environment



High Potential Domestic Market and Moderate Cost



Competitive incentives



Competence in providing renewable energy to the business



Good relationship with all countries

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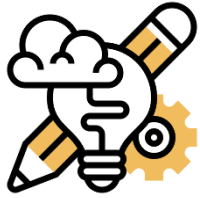
Sectoral Opportunities and Highlight

06

BOI Services

Introduction to Thailand Board of Investment (BOI)

About BOI



Information and advice on establishing operations in Thailand

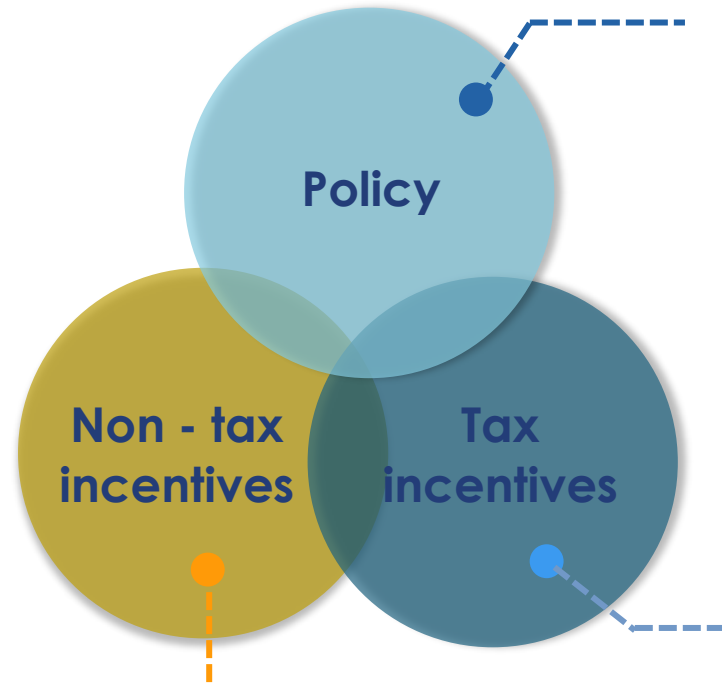


Coordinate between the foreign business community and other public agencies



Business Support Services for Investor: incentives, sourcing, and SME's competitiveness development

BOI Investment Promotion Measures



- Land ownership
- Work permit & visa facilitation

- 100% foreign ownership
- No local content requirements
- No export requirement
- No restriction on foreign currency

- Exemption of import duties on machinery
- Exemption of import duties on raw or essential material imported for export
- Exemption of import duties on goods import for R&D
- Corporate income tax (CIT) exemption
- 50% CIT reduction

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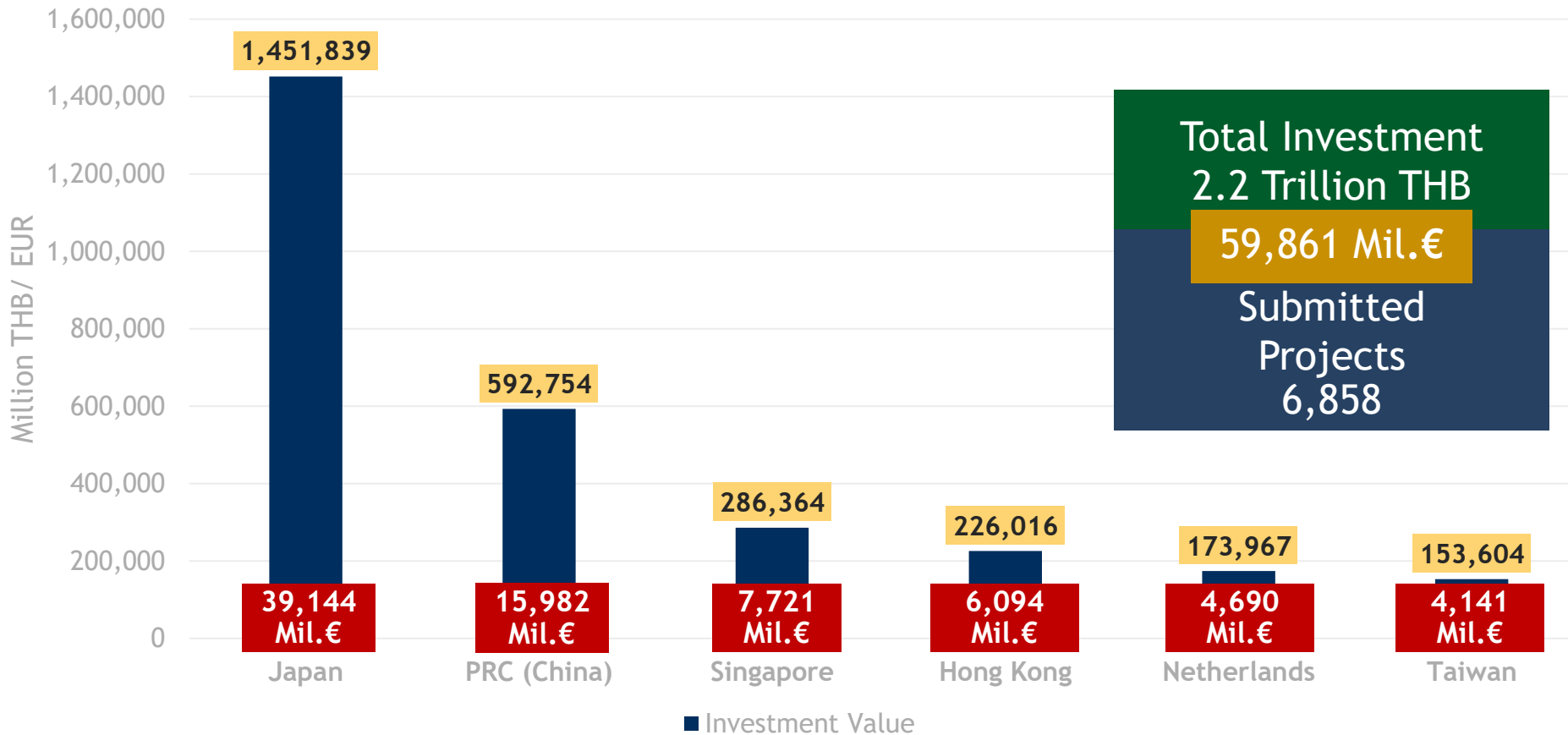
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Sectoral Opportunities and Highlight

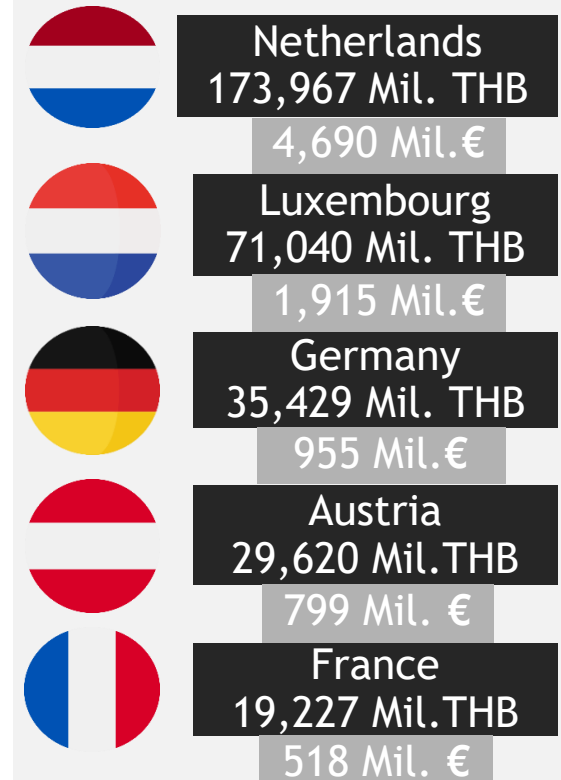
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BOI Services

Investment Promotion Application of Foreign Direct Investment 2012-2022



Top 5 EU Investment

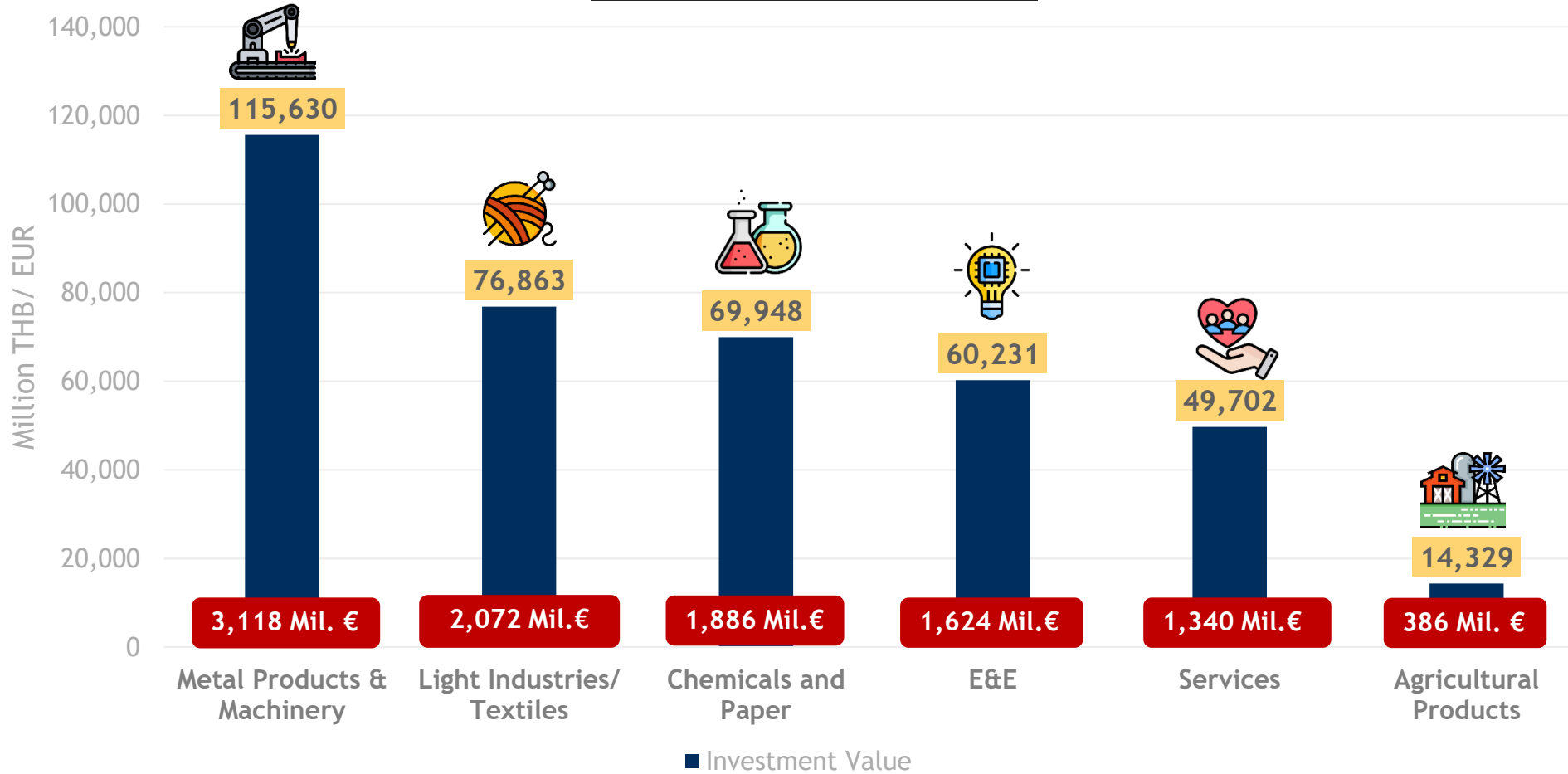


Source: BOI

Exchange Rate: 37.09 THB/ 1 Euro [As of 1 June 2023]

EU Investment Promotion Application [2012-2022]

FDI Snapshot by sectors



Total Investment Value
393,023 Mil. THB

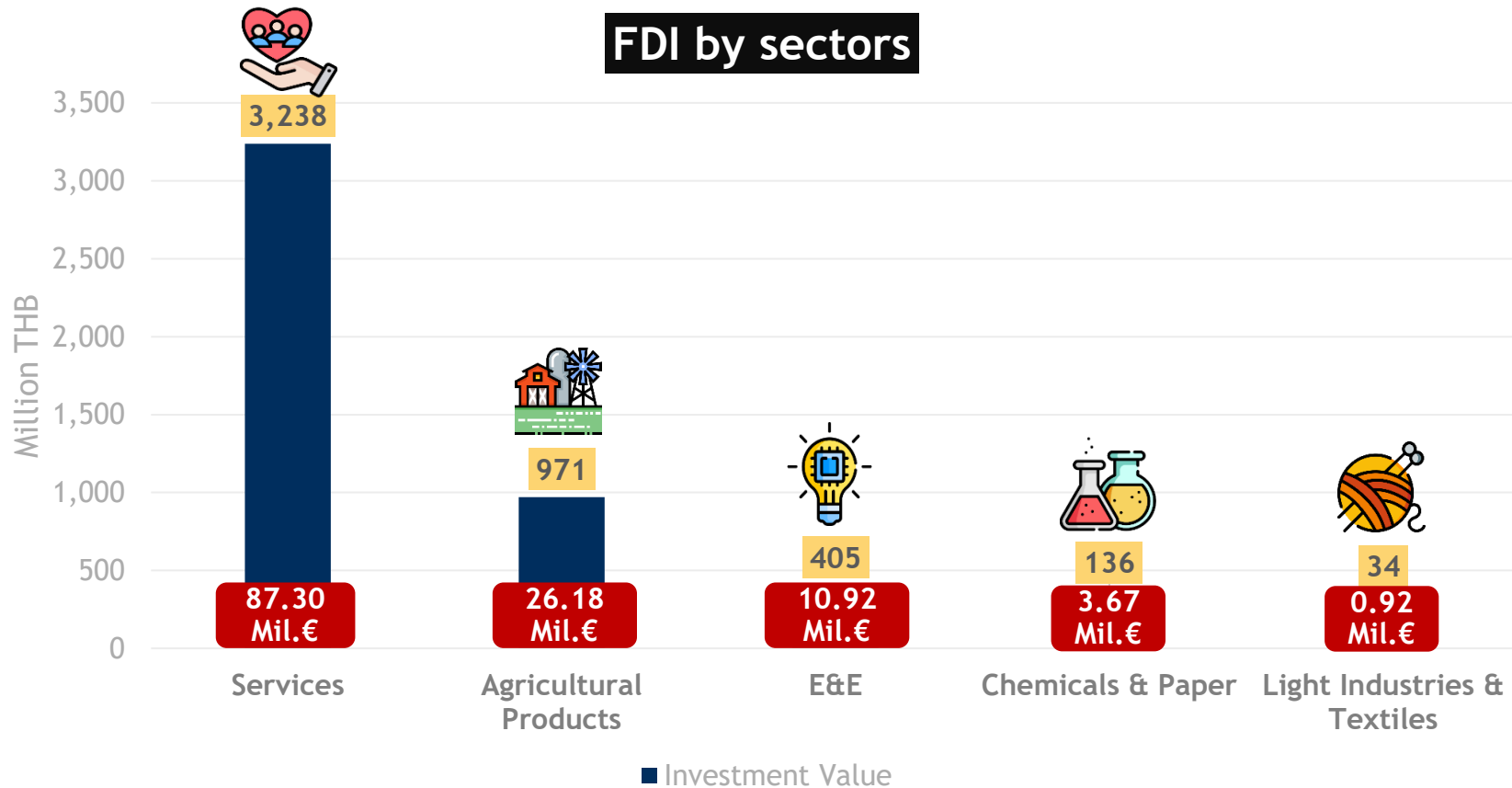
10,596 Mil. €

Submitted Projects
1,406

EEC Projects
375

Source: BOI
Exchange Rate: 37.09 EUR - 1 THB [As of 1 June 2023]

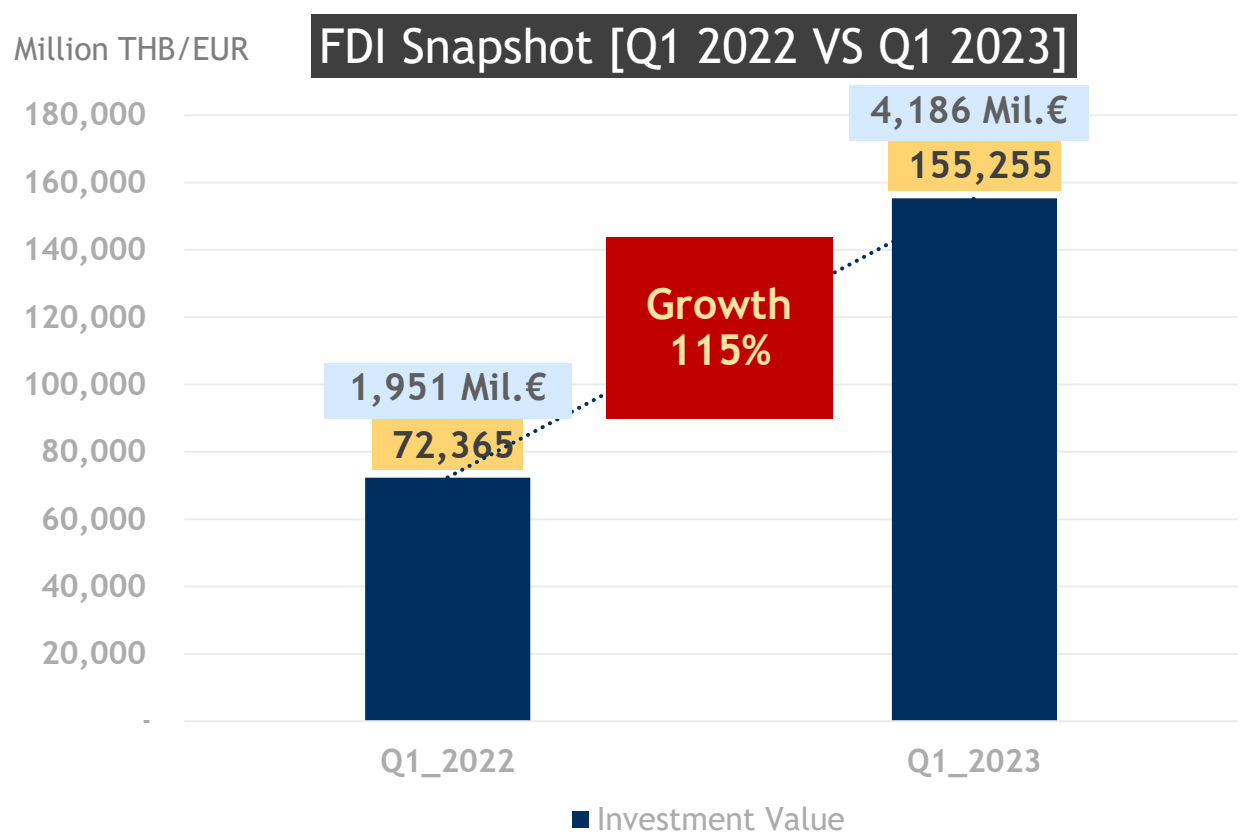
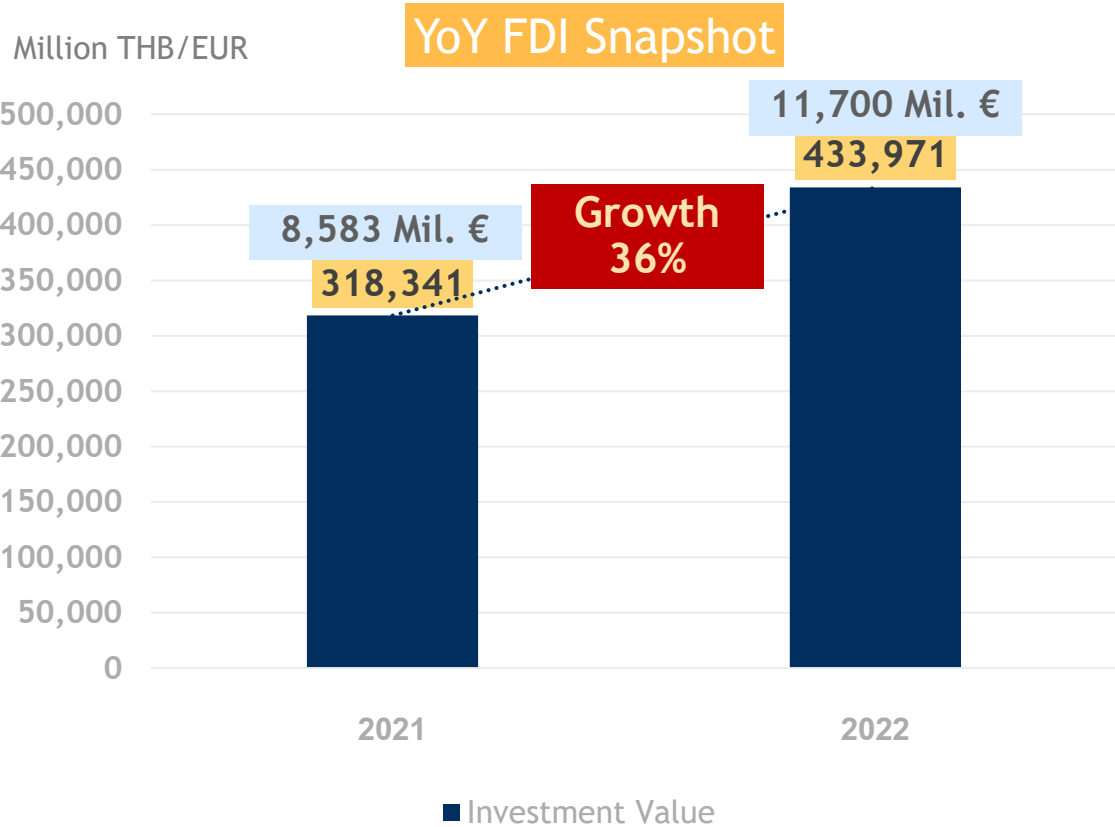
Spanish Investment Promotion Application [2012-2022]



Total Investment
4,784 Mil. THB
129 Mil.€
Submitted Project
33

Source: BOI Central Database
Exchange Rate: 37.09 THB/ 1 EUR [As of 1 June 2023]

Investment Promotion Application of Foreign Direct Investment



Key Industry Growth 2021-2022 [YoY]



+276%
Metal Products
& Machinery



+58%
Minerals &
Ceramics



+33%
Electronic &
Electrical Products

Key Industry Growth Q12022 VS. Q12023



+12,975%
Medical



+1,338%
Public
Utility



+1104%
Chemicals
and Paper

Source: BOI
Exchange Rate:
37.09 THB/ 1 Euro
[As of 1 June 2023]

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Thailand: Regional Hub

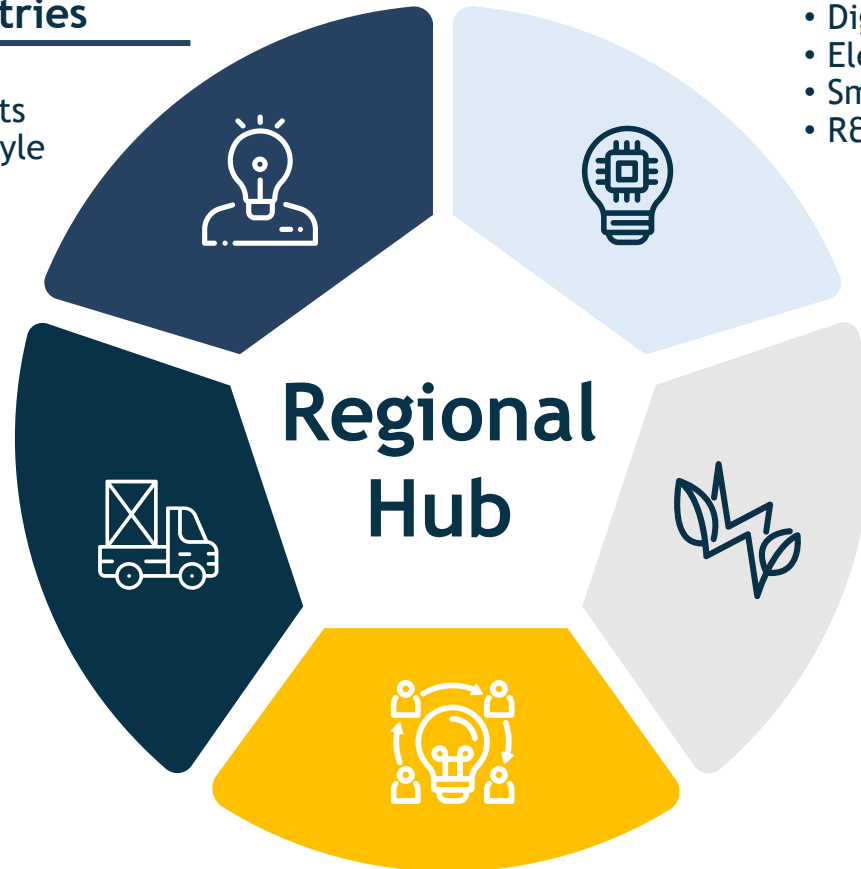


Creative Hub: creative industries

- Soft Power
- Design
- Film Production
- Digital Content
- Games & e-Sports
- Fashion & Lifestyle

Logistics & Business Hub

- Regional Connectivity
- Regional Headquarters
- Intl Business Process Outsourcing



Tech Hub: center of technology and innovation

- Digital
- Electric Vehicles (EV)
- Smart Electronics
- R&D Center

BCG Hub: based on Bio-Circular-Green Economic model

- Food Security
- Renewable Energy
- Bio-based Industries
- Healthcare & Medical
- Tourism

Talent Hub: where talents from all over the world can work and live

- Highly-skilled Professionals
- Remote Workers
- High Net Worth

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

Investment Promotion Strategy for the New Economy (2023-2027)

End-to-End Services for both Pre- and Post- Investment

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

** Effective on January 3, 2023 onwards

Seven Pillars of “Investment Promotion Strategy for the New Economy”

1

Restructure the industries by upgrading the “Conventional Industries in which Thailand excels”, Developing new industries in which Thailand has potential, and strengthening the supply chains

Upgrade Conventional Industries

- **Agriculture** → Smart Farming / Plant Factory
- **Food** → High value food, e.g. alternative protein
- **Tourism** → Affluent, Long-term, Medical/Wellness
- **Automobile** → Electric Vehicles (EV)
- **Electronics** → Upstream & Smart Electronics
- **Petrochemicals/Chemicals** → Bio-based, Specialty, CCUS
- **Energy** → Renewable Energy, Hydrogen
- **Textiles and Fashion** → Functional Textile, ODM/OBM

Build New Industries

- Healthcare & Medical Industry
- Digital Industry
- Automation and Robotics Industry
- Aerospace Industry
- Defense Industry
- Creative & Soft Power Industry

Core Tech

Bio Tech

Nano Tech

Material Tech

Digital Tech

Energy Tech

Priority Industries
for the Next 3 Years



BCG



EV



Smart
Electronics



Digital



Creative Industry

10 Sections of Activities Eligible for Promotion

Section 1

Agricultural, Food and Biotechnology Industries



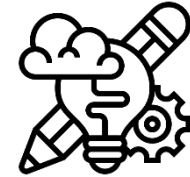
Section 5

Metal and Material Industry



Section 9

Creative Industry



Section 2

Medical Industry



Section 6

Chemical and Petrochemical Industry



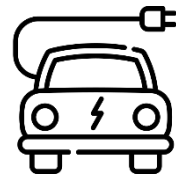
Section 10

High Value Service



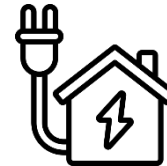
Section 3

Machinery and Vehicles Industry



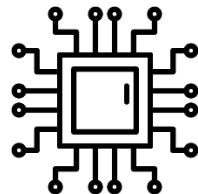
Section 7

Public Utilities



Section 4

Electrical Appliances and Electronics industry

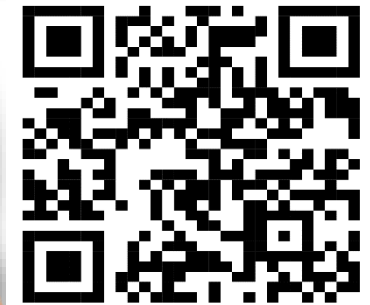


Section 8

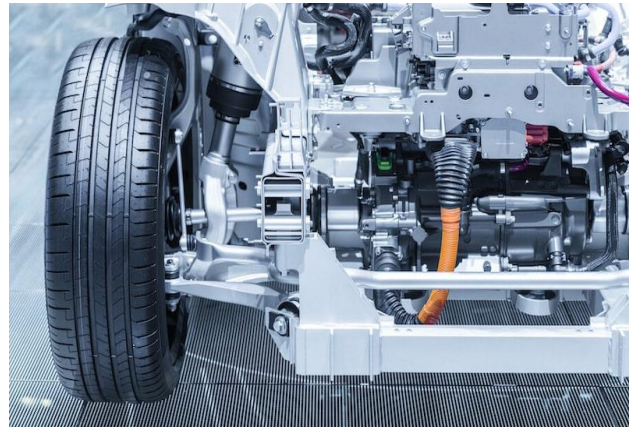
Digital Industry



400 +
Eligible activities



Examples of New Activities Eligible for Investment Promotion



Electric Vehicles

- Manufacture of Fuel Cell Electric Vehicles (FCEV)
- Manufacture of parts and components for the fuel cell system
- Battery swapping station services



New Energies

- Hydrogen production from water using renewable energy, including related products such as green ammonia
- production of hydrogen from hydrocarbon or fossil fuels
- hydrogen-based electricity/steam generation



Future Food

- manufacture of novel food organic food and food with health claims



Aerospace

- 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
- Space launching services or manufacture of launch mission control system

BOI Investment Incentive Scheme

Additional Incentives

Basic Incentives

Activity-Based

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

≤ 13 years CIT exemption



Merit-Based

- 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

Investment Promotion measures for Targeted Industries

13 years

CIT exemption

0 year

			Exemption CIT	Exemption Import duties on machinery	Exemption of import duties on raw materials used in R&D	Exemption of Import duties on raw materials used in production for export	Non-tax incentives
A1+	Upstream high Technology and Innovation Development includes targeted core technology development	13+ additional incentive *	✓	✓	✓	✓	
A1	Knowledge-based activities focusing on R&D and design to enhance the country's competitiveness	8 + additional incentive *	✓	✓	✓	✓	
A2	Infrastructure activities for the country's development, activities using technology to create value-added, with no or very existing investments in Thailand	8 + additional incentive	✓	✓	✓	✓	
A3	High technology activities which are important to the development of the country, with a few investments already existing in Thailand	5 + additional incentive	✓	✓	✓	✓	
A4	Activities with lower technology than A1-A3 but which add value to domestic resources and strengthen the supply chain	3 + additional incentive	✓	✓	✓	✓	
B	Supporting industry that does not use high technology, but is still important to the value chain	- + additional incentive	✓ **	-	✓	✓	

Incentives are based on several key factors including level of technology, role in supply chain, and location.

*No maximum exemptible CIT ** Depends on Activities
Source: Thailand Board of Investment

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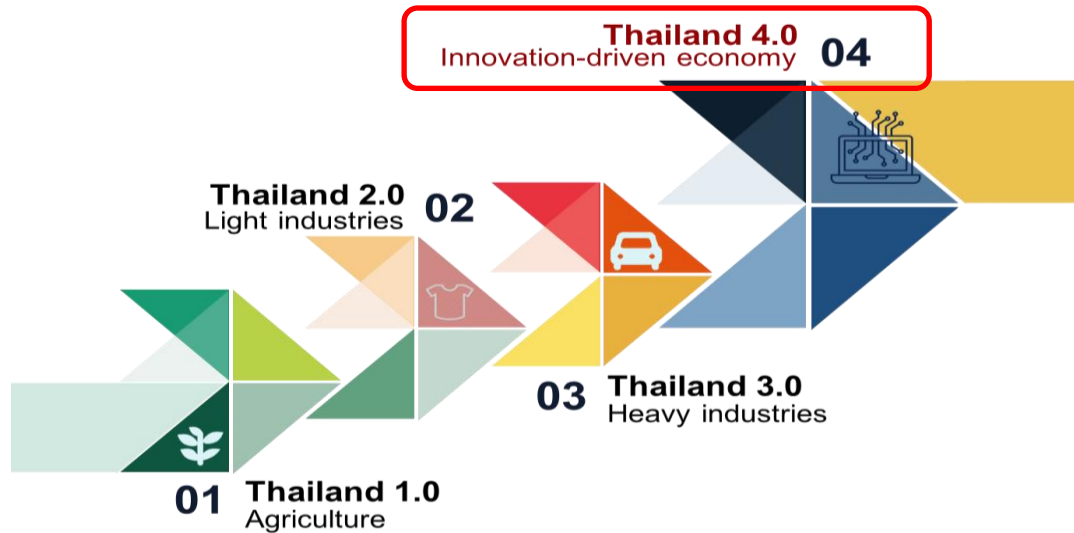


Opportunities In BCG



Business Opportunities from Thailand Policy

Thailand 4.0



Promote and support **innovation, creativity, research and development, higher technologies and green technologies.**

Business Opportunities

Change to Smart Farm / Smart City / Smart Manufacturing and Services that need

- **Robotic and Automation Machinery**
- **More electronic components i.e. Smart Electronic**

BCG Economy Model



Solving world climate change problems

To employ Science, technology and innovation to create economic value from the country **bio-diversification (B)**, utilize a good balance of **natural resources (C)**, reduce environmental impact (G).

To achieve Thailand's commitments and goals

- **GHG Reduction by 30-40% by 2030**
- **Carbon Neutrality by 2050**
- **Net Zero Carbon Emissions by 2065**

Business Opportunities

- **Green Mobility (EV)**
- **Green Energy**
- **Biotechnology**

Investment Incentives for Bioeconomy

8 years CIT Exemption
(with no cap) for:



Biotechnology R&D

- Research and development activity and/or manufacturing, using biotechnology
- Manufacturing of raw materials and/or essential materials for molecular biological research and development
- Biological substance analysis and/or synthesis services and/or quality control services and/or product validation services



Plant and seed

- Economic forest plantation (except for Eucalyptus)

8 years CIT Exemption for:



Bioenergy & Biofuels

- Production of electricity or electricity and steam from renewable energy such as wind energy, solar energy, and biomass
- Fuel from Agricultural Product



Agricultural

- Active Ingredients from natural raw materials
- Medical Food or dietary supplement
- High-Tech natural extract
- Rubber Product

5 years CIT Exemption for:



Bioenergy & Biofuels

- Manufacturing of biomass briquettes and pellets



Agricultural

- Manufacture of biological fertilizers, organic fertilizers, nano-coated organo chemical fertilizer and bio-pesticides
- Animal breeding or livestock
- Manufacture or preservation of food, beverages, food additives or food ingredients using modern technology
- Trading Center for agricultural goods



Plant & seed

- Plant Factory
- Breeding of Plants or animals

Investment Incentives for Circular Economy

8 years CIT Exemption (with no cap) for:

 **Circular energy & fuels**

- Manufacturing of electricity or electricity and steam from garbage or refuse derived fuel

8 years CIT Exemption for:

 **Circular energy & fuels**

- Manufacturing of fuel from agricultural scrap or garbage or waste

 **Waste & recycling**

- Waste treatment or disposal

5 years CIT Exemption for:

 **Waste & recycling management**

- Industrial zone for environment protection

 **Waste & recycling**

- Recycling and reuse of unwanted materials

3 years CIT Exemption for:

 **Products from circular process**

- Agricultural by-products or waste products
- Recycled plastic pellets
- Manufacture of recycled fiber

Investment Incentives for Green Economy

8 years CIT Exemption
(with no cap) for:



Circular energy & fuels

- Energy Service Company (ESCO)



Product from saving energy

- Manufacture of Fuel Cell

8 years CIT Exemption for:



Green Energy

- Production of electricity or electricity and steam from renewable energy such as wind energy, solar energy, and biomass



Product from saving energy

- Energy-saving parts for automobiles
- Solar cells and/or raw materials for solar cells



Eco-friendly chemicals/polymers

- Eco-friendly chemicals or polymers or products from eco-friendly polymers

5 years CIT Exemption for:



Eco-friendly Product

- Manufacture of bioplastic or products from bioplastic





3 years CIT Exemption for:



Product from saving energy

- Energy-saving home appliances

Supporting Organizations

Organization	Specialized / Offering
 <p>The National Center for Genetic Engineering and Biotechnology (BIOTECH)</p>	<ul style="list-style-type: none"> • Research and development regarding to bioplastic industry
 <p>สถาบันพลาสติก Plastics Institute of Thailand</p>	<ul style="list-style-type: none"> • Knowledge sharing and collaborate with other agencies driving the Thai plastic industry • Offer consulting in productivity maximization and cost minimization • Testing and certified center
 <p>Center of Excellence for Innovation in Chemistry (PERCH-CIC) Mahidol University</p>	<ul style="list-style-type: none"> • Research and development • Training and human resource development
 <p>Advanced Materials Cluster, Chulalongkorn University</p>	<ul style="list-style-type: none"> • Support Research and development including nano, bioplastic, and biopolymer
 <p>Thai Bioplastics Industry Association</p>	<ul style="list-style-type: none"> • Data center of news and information of the bioplastic market • Escalate domestic standard to International standard
 <p>Thailand Institute of Scientific and Technological Research</p>	<ul style="list-style-type: none"> • Testing Services
 <p>Certifying Bioplastic Institute</p>	<ul style="list-style-type: none"> • Australasian Bioplastic Association (ABA) • Din Certco, Germany • TUV Austria • Biodegradable product institute (US)

Supporting Organizations

Public Research and Counseling Center



Testing and Certifying Organization





Opportunities In Healthcare Industry

Key Drivers and Supporting Factors for Medical Sector in Thailand



Aging Society



High Growth in Health Goods and Medical Services



Investment in New Hospitals



Increase in Non-communicable diseases



Government Policy and Facilities Support



The Growth in Demand for Healthcare Sector After Covid-19



Related and Supporting Industries



Increase in Foreign Patients

Thailand Medical Landscape at a Glance



Source: Ministry of Public Health, Medical Intelligence Unit and World Travel & Tourism Council
Note: Exchange Rate 1 USD/ 0.91 EUR [As of 22 June 2023]

Thailand medical tourism still strong after COVID-19



25-28 million

Forecasted number of total foreign tourists in 2023



7-10 million

Forecasted number of Chinese tourists in 2023



Supporting policy

Extended non-immigrant visa for long stay tourist policy

New Medical hub

In 2022, the revenue from medical tourism has recovered to **80%** of its pre-COVID levels. Despite a decrease in the number of tourists by half, it is expected that the revenue will reach the **same amount** in 2023.

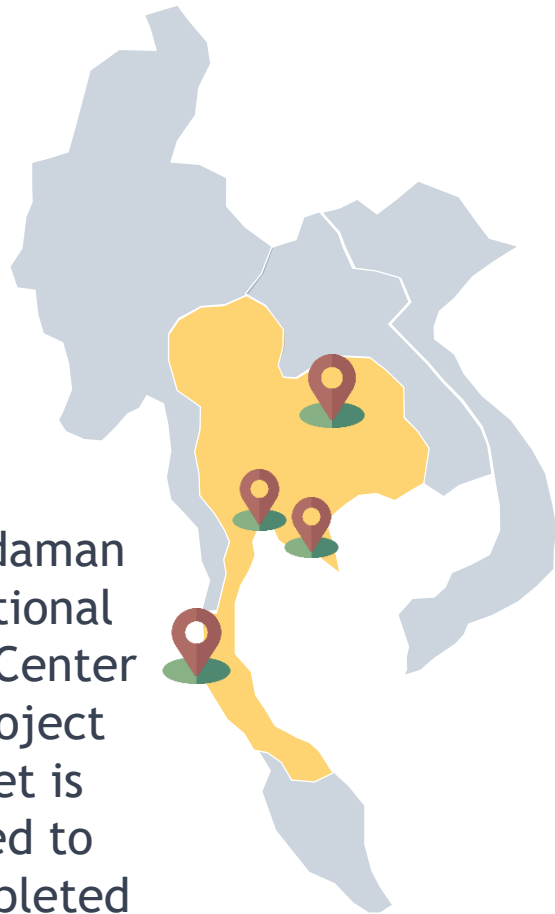


Expected private hospital income growth at **8-10%** in 2023

Expected growth for medical device market **5-7%** in 2023

Thailand: A New Medical Hub for Wellness, Services, Academics, and Products

Thailand is targeting the development of medical tourism as a new key driver of economic growth through four concepts,



The Andaman International Health Center pilot project in Phuket is expected to be completed by 2027.



Wellness Hub

- Standard health corporations e.g., massage



Academic Hub

- Undergraduate and higher education
- Education development and international conference



Medical Service Hub

- Medical services
- Thai traditional medicine and alternative medicine
- International standard labs



Product Hub

- Development in modern and traditional medicine, supplementary food and medical tools and devices

A comprehensive ecosystem of medical sector in Thailand

Manufacturing



Targeted
Medicine (A2)

Conventional
Medicine (A3)

APIs
(A2)



Medical Devices or parts (A1,A2, A3, A4)



Medical Foods
or Food Supplements (A2)

Cosmetics
(Specialty Zone)



Non-woven Fabric or Hygienic Product
from Non-woven Fabric (A3)

Services



Specialty Medical Center (A2)

Hospital (A4)



Traditional or Applied Thai Medical (A3)



Senior Hospital / Senior Nursery (A3, A4)



Health Rehabilitation Center
(Supporting Tourism) (B)

Supporting for Medical Industry



R&D
Scientific Laboratories
(A1)



Biotechnology
(A1)



High-Potential
Academies &
Institutions
(A1)



Product
Sterilization
Services
(A2)

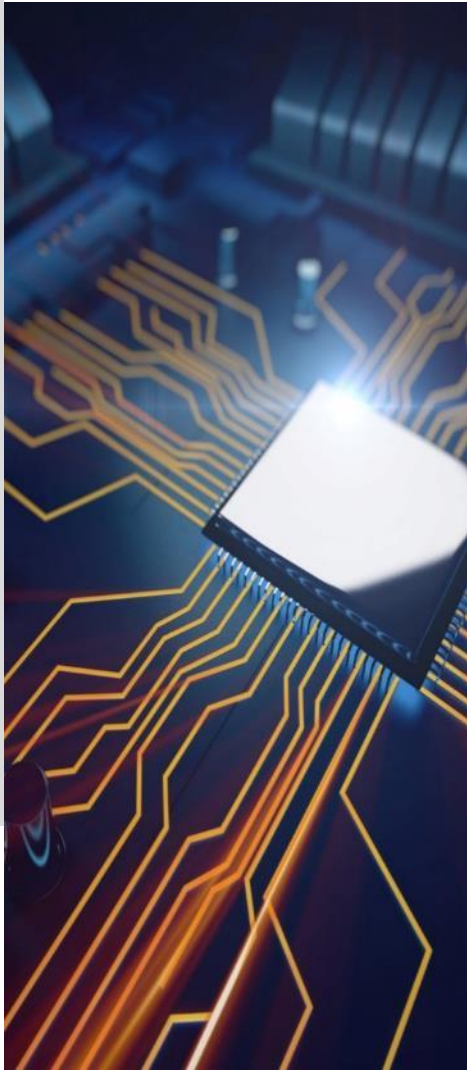


Clinical Research
(A1)



Opportunities In Smart Electronics Industry

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.



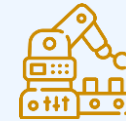
The Rising of Consumer Awareness of Environmental Sustainability



Logistics



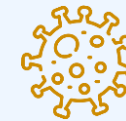
Internet of Things, 5G and Cloud Storage



Electronics Manufacturing Services (EMS)



Rapid Urbanization and Increasing Number of Megacities Globally



Pandemic (Covid-19)



Big data, Digital Transformation and Global Connectivity

Securing a Resilient Supply Chain

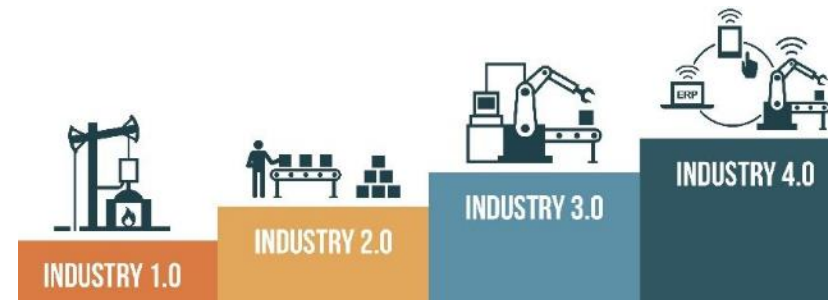
Smart Electronics Demand Driving Forces



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**



BOI provides incentives throughout **smart E&E** value chain

Group1: Upstream

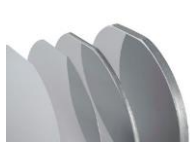
Semiconductor Front End

A1/A1+

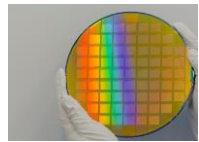
CIT Exemption: 8-13 years



Electronics Design



Silicon Wafers



Wafer FAB

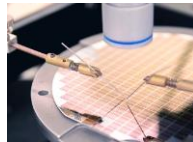
- Silicon Craft Technology
- ROHM LSI Technology
- Nisshinbo Micro Devices

Sources: BOI

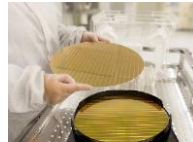
Semiconductor Back End

A2/A3

CIT Exemption: 5-8 years



Wafer SORT



Die Blank



Assembly



IC Test

- Microchip Technology
- NXP Semiconductors
- Infineon Technologies
- Maxim Integrated Products
- Sony Device Technology
- Toshiba Semiconductor
- Rohm Integrated
- Nisshinbo Micro Devices
- UTAC
- HANA Semiconductor
- Stars Microelectronics
- Asian Stanley International
- Lite-on Electronics
- KEC (Thailand)
- FAGOR Electronics

Group2: Midstream

A2/A3/B

CIT Exemption: 0-8 years



PCB FAB



FA LAB

- KCE
- APEX Circuit
- Fujikura
- CMK
- Draco PCB
- APCB
- SHYE FENG
- Elec & Eltek
- Amallion Enterprise
- Circuit Industries
- Seika YKC
- Mektec Manufacturing

A3/A4

CIT Exemption: 3-5 years



SMT



PTH



PCBA Test

- Benchmark Electronics
- Celestica
- SVI
- Sanmina-SCI systems
- Cal-Comp Electronics
- GPV ASIA
- Fabrinet Technology
- THAI SIIX
- SMT Industrials
- KAGA Electronics
- Katolec
- Hansol

Group3: Downstream

A2/A3/A4/B

CIT Exemption: 0-8 years



Box Build



Product Testing

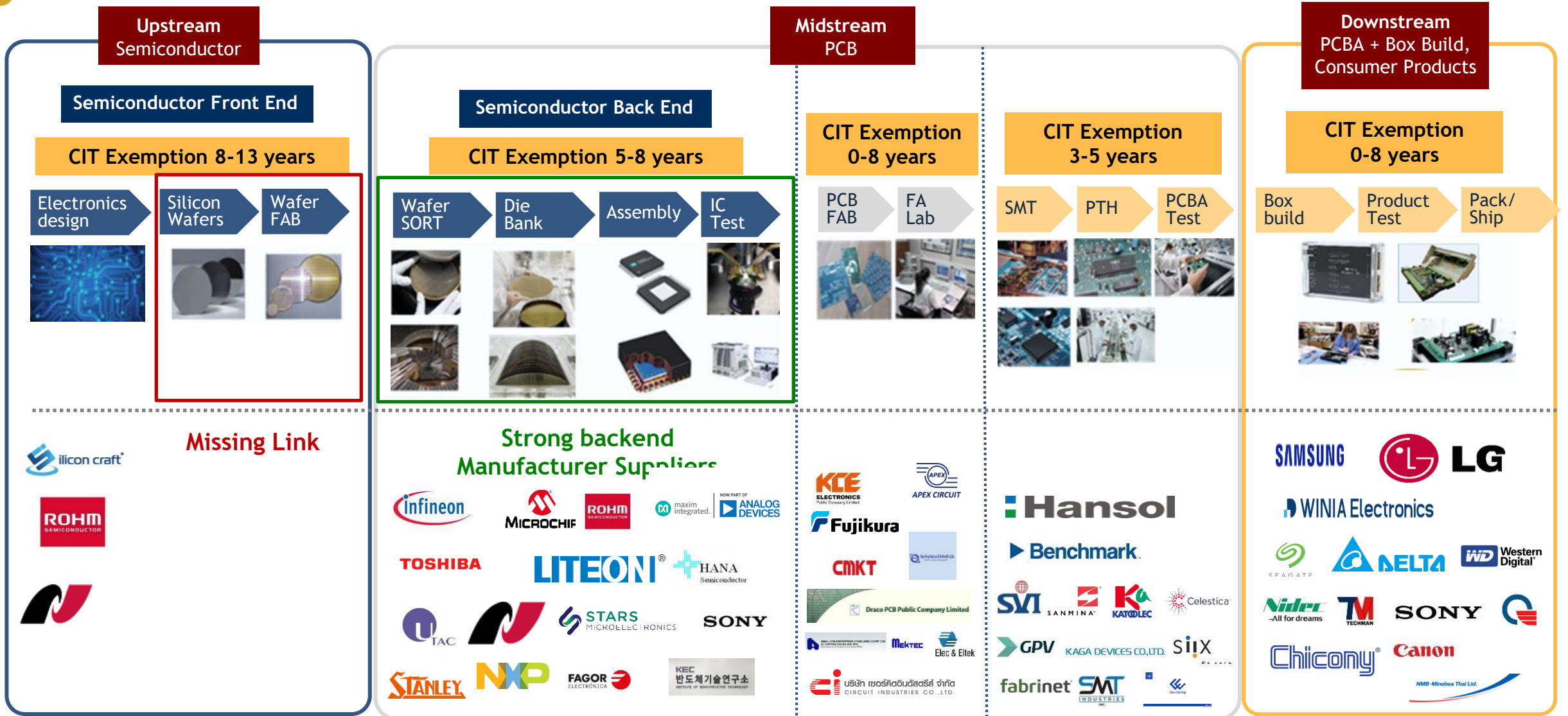


Pack/Ship

- Thai Samsung Electronics
- LG Electronics
- Sony Technology
- Seagate Technology
- Western Digital
- Nidec Shibaura Electronics
- NMB-Minebea
- Canon Hi-Tech
- Delta Electronics
- Chicony Electronics
- QMB
- Techman

Additional years of CIT exemption are available if requirements are met.

Comprehensive semiconductor supply chain in Thailand



Supporting Industries

Mold

Metal part and component

Plastic part and component

Supporting Ecosystems of Thailand's E&E industry



Smart Electrical Courses

Included by many institutes in Thailand to provide high skilled labor to the market



IDA Platform

Industrial IoT and Data Analytics Platform that helps many firms digitize their manufacturing processes to be more efficient and smarter



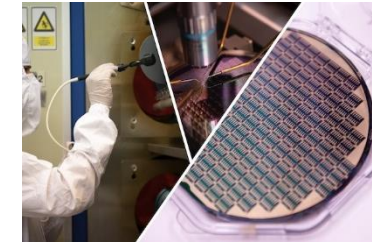
NETPIE

The IoT cloud-based platform-as-a-service that helps connect the IoT devices together



Thailand Digital Valley (formerly IoT Institute)

To facilitate and incubate all domestic and international startups and partnering with multinational corporations



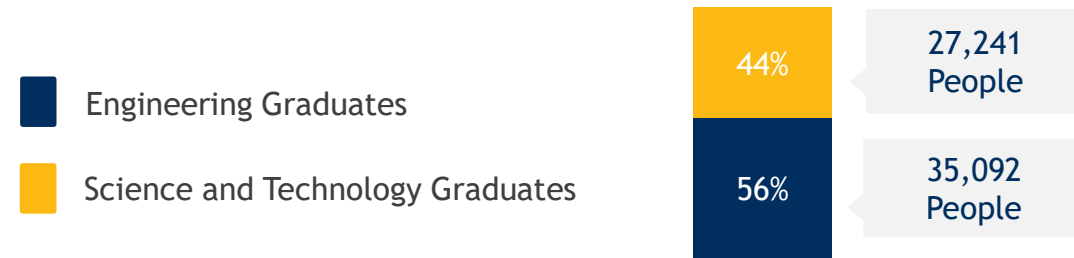
Thai Microelectronics Center (TMEC)

The organization provides manufacturing and strong design support services with a cost-effective and dedicated team to speed up the lead time

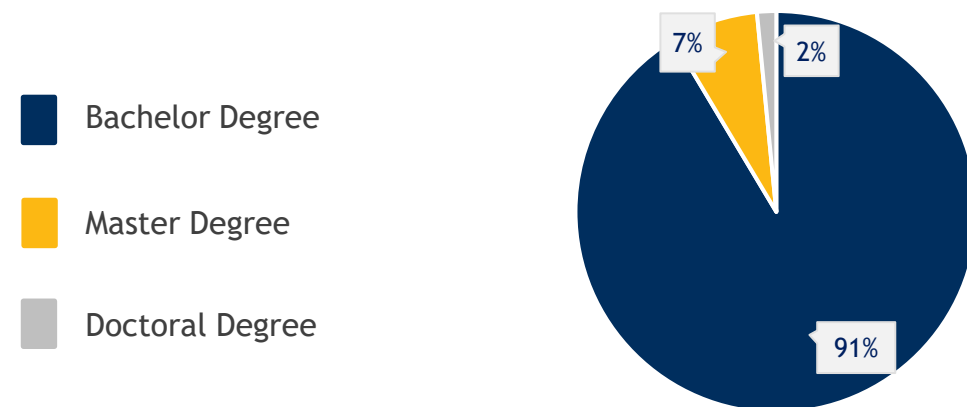
Thailand's education system supplies a high-skilled workforce to E&E industry

There was total 62,333 graduates from science, technology, and engineering field in 2021

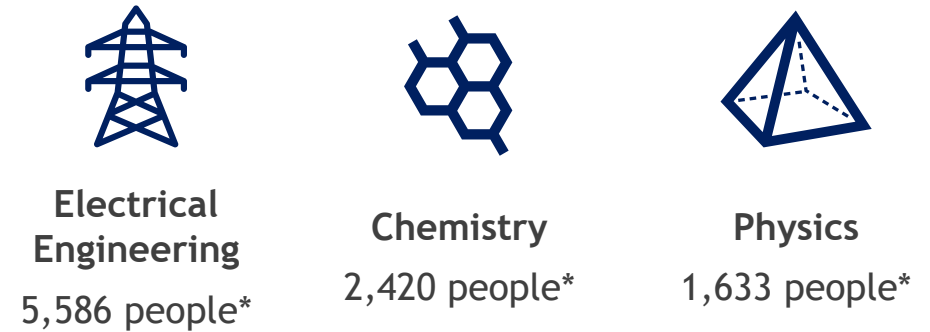
By Faculty



By Degree



Top graduates operating in **Product development** of Semiconductor by field of study in 2021



Top graduates operating in **Process improvement** of Semiconductor by field of study in 2021



Noted : * The number included Bachelor degree, Master Degree, and Doctoral degree
Source : Office of National Higher Education Science Research and Innovation Policy Council

More than **230,000** STEM workforce will be supplied to the market

Forecast graduate with a Bachelor of **Science** during 2023 and 2026

86,173

1st



Agricultural Science

15,245 people

2nd



Food Science and Technology

12,250 people

3rd



Mathematics

7,816 people

Forecast graduate with a Bachelor of **Engineering** during 2023 and 2026

146,912

1st



Industrial Engineering

23,567 people

2nd



Computer Engineering

22,783 people

3rd



Civil Engineering

19,712 people

AGENDA



01

Thailand Economic Overview

02

Introduction to Thailand Board of Investment (BOI)

03

BOI Investment Promotion Snapshot

04

Investment Promotion Strategy and Policy Updates

05

Sectoral Opportunities and Highlight

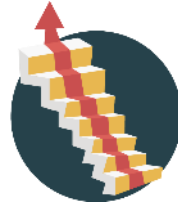
06

BOI Services

One Start One Stop Investment Center (OSOS)



Consolidating staff from numerous investment-related agencies



Easing & speeding procedures for new investors



Provides comprehensive information and advice on establishing operation in Thailand



Provides useful contacts with key public and private organizations



One-Stop for visas & work permits in 3 hours



Assist investors with various applications

*More Convenience
Less Time
More Efficiency*



18th Floor, Chamchuri Square Building, 319 Phayathai Road, Pathumwan Bangkok 10330, Thailand

Tel: 66(0)2 209 1100
Fax: 66(0)2 209 1199
Email: osos@boi.go.th



BOI (BUILD) : Industrial and Investment Linkage

BUILD Supports

- Online Database/Website BUILD Platform
- Free Sourcing Services
- Customized Business Matching
- Local Sourcing Events
 - Vendors Meet Customers Sourcing Events
 - Sourcing Market Place Center
 - Knowledge Enhancement for Local Vendors through Competitiveness Development Seminar
- International Sourcing: Exhibit Thai Vendors Potential at International Exhibitions
- SUBCON THAILAND - biggest Subcontract Exhibition in ASEAN

Sample of Companies joining BUILD



ASEAN'S MOST IMPORTANT INDUSTRIAL SUBCONTRACTING AND BUSINESS MATCHING EVENT

SUBCON THAILAND

Wed.-Sat.

10-13 BITEC,
Bangkok, Thailand
MAY 2023

**THE GLOBAL'S
SOURCING EXCELLENCE**

Co-Organised by:



Supported by:



ASEAN'S MOST IMPORTANT INDUSTRIAL SUBCONTRACTING AND BUSINESS MATCHING EXHIBITION

- Manufacturer of industrial parts for automotive, electrical etc.
- Business matching opportunities with buyers from abroad that has been invited by the BOI.
- Combine buyers of industrial parts from leading domestic and international companies invited by the BOI.
- Industry seminars of the future with the new S-curve industry innovation exhibition.



Long-Term Resident Visa

4 Types of Long-Term resident Visa



Wealthy Global Citizen



Wealthy Pensioner



Work-From Thailand Professional



Highly Skilled Professionals

Targeted industries for the **High-Skilled professional** category are as follows :

Existing Targeted Industries

- Automotive Industry
- Electronics Industry
- Affluent Tourism Industry
- Agricultural, Food and Biotechnology Industry
- Automation and Robotics Industry
- Aviation, Aerospace and Space Industry
- Biofuels and Biochemicals Industry
- Digital Industry
- Medical Industry
- Defense Industry
- Circular Economy



Transportation and Logistics Industry

NEW



Petrochemical and Chemical Industry

NEW



International Business Center (IBC)

NEW



High-skilled professionals with specialized skills in a specific area who work in other industries operated by foreigners

NEW

Long - Term Resident Visa Privileges



10-year visa & Permission to work in Thailand



Fast Track Service at International Airport



90-day report extended to 1-year report and exemption of re-entry permit



Permission to Work in Thailand (Digital Work Permit)



17% Personal Tax Exemption for Highly-skilled Professionals



Facilitation Services at One Stop Service Center



Exemption from 4 Thais : 1 foreigner employment requirement ratio

Remarks: The LTR visa will be granted for 5 years at a time and can be renewed every 5 years if qualifications are still met.

LTR VISA Status:

Total LTR Application : 4,056 (1 Sep 2022 ~ 13 June 2023)

TOP 3



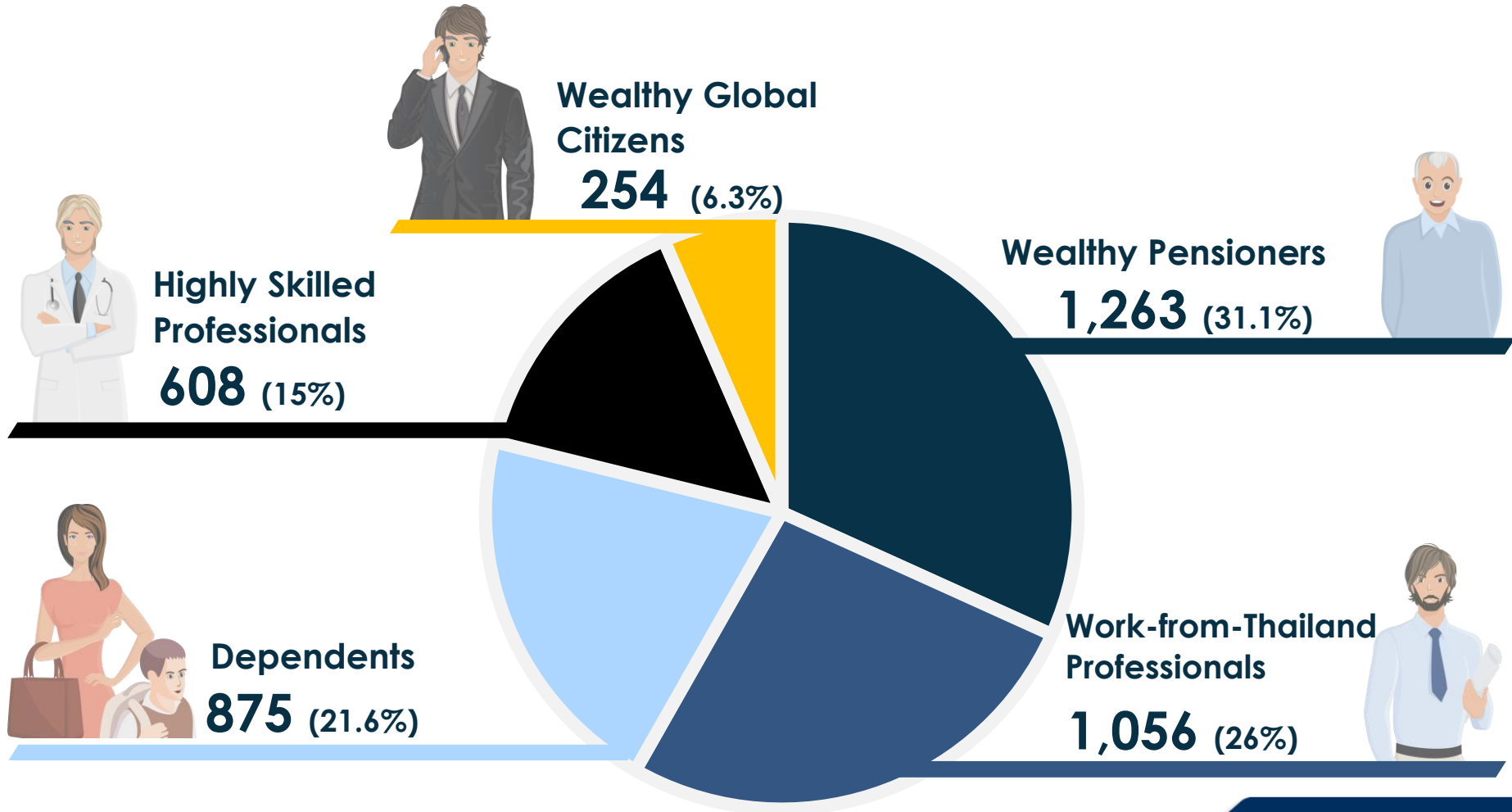
Europe 1,811



US 682



China 442



HQ Biz Portal

Thailand's HQ Biz Portal

HQ BIZ PORTAL

Enhancing Thailand's position as a
REGIONAL HEADQUARTERS DESTINATION

Why HQ in Thailand? HQ Journeys in Thailand HQ Incentives & Licenses FAQs

SUBMIT APPLICATIONS

ONE-STOP CONSULTATION with
• Thailand Board of Investment (BOI)
• Revenue Department (RD)
• Department of Business Development (DBD)
• Bank of Thailand (BOT)

online & onsite
BOOK A SESSION

HQ BIZ PORTAL is set up in collaboration of Thailand's key government agencies.



Objectives

- To support the approval and submission processes
- To reduce process and time for obtaining license of regional office operation

Available Services

Information Center

Consultation Service



BOI 16 Overseas Offices



Thank you



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