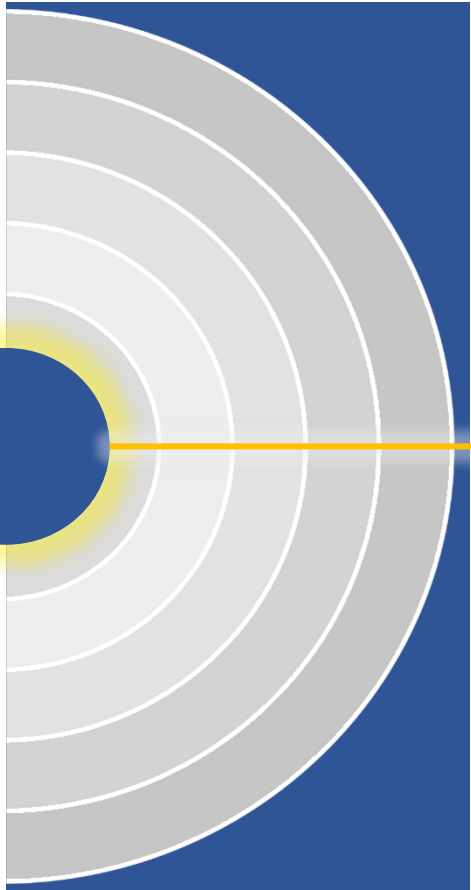


Business and Investment Opportunities in Thailand

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16 June 2021



THAILAND TODAY

**WHAT COMES
TO MIND WHEN YOU
THINK OF THAILAND?**

Do you miss Thailand ?



And...

Overview of Thailand's Today



Thailand Market

- Population: 66.5 Million
- Middle Class Consumers: 52 Million
- 13 FTAs/RTAs with 18 nations have already entered into force i.e.
 - ASEAN Free Trade Area,
 - Thailand-India Free Trade Area,
 - ASEAN-China Free Trade



Thailand In Various Market

Automotive

- Thailand as an Automotive producer hub
- 1st Automotive Producer in ASEAN
- 11th Automotive Producer in the World (2019)

Agriculture

- ASEAN leader agricultures, agricultural production base as *“kitchen of the world”*



Thailand In Various Market

Electronics and Electrical Products

- Thailand is a manufacturer and exporter of hard disk drives (HDDs)
- Which accounted 30% of the world market

Health Service

- Thailand as a Medical Hub
- World's 5th Biggest Medical Tourism Market
- Top 5 ASEAN Medical Device Trade Value (2020)

Travel

- Thailand is one of travel destination
- Tourism income is the main income of the Thai economy

Why Thailand

Future Cooperation with RCEP

Proximity distance to China and India

Aerial, Land, & Maritime Connectivity

Border Special Economic Zones

Thailand has concluded 17 Free Trade Agreements (FTAs)

6th Largest Economy Globally
(USD 2.7 Trillion)

2nd Largest Economy Globally
(USD 13.4 Trillion)

Special Investment Opportunity

Thailand's Eastern Economic Corridor

- Chachoengsao
- Chonburi
- Rayong

DOING BUSINESS 2020

27th
2019



21st
3rd in ASEAN¹

20% Corporate Income Tax

Low-Cost of Living

Low-Cost Office Space

Well-Equipped Industrial Estates

Well-developed Infrastructure

The Thai Market

- Population: 69.79 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



Why Thailand

Strong Supporting Industries

- Metal Parts
- Rubber / Plastics Parts
- Metal fabrication
- Electronics Manufacturing Services

Agriculture

- Biodiversity's Tropical/ Highland Weather

Strategic Logistic Location

Green Energy Promotion

- To promote carbon neutral business in Thailand

Open Societies Dynamic Economy

- People welcome foreigner as guest - Investors, Expats , workers
- Workers adopt to investors' working culture
- Adopt to services from new technology

Less Risk from Big Natural Disaster

Stable business related policy

Stable Financial System

- Strong foundation
 - High Foreign currency reserve
 - Low Public debt
- Stable policy

Thailand's Covid-19 Situation

199,264
confirmed cases

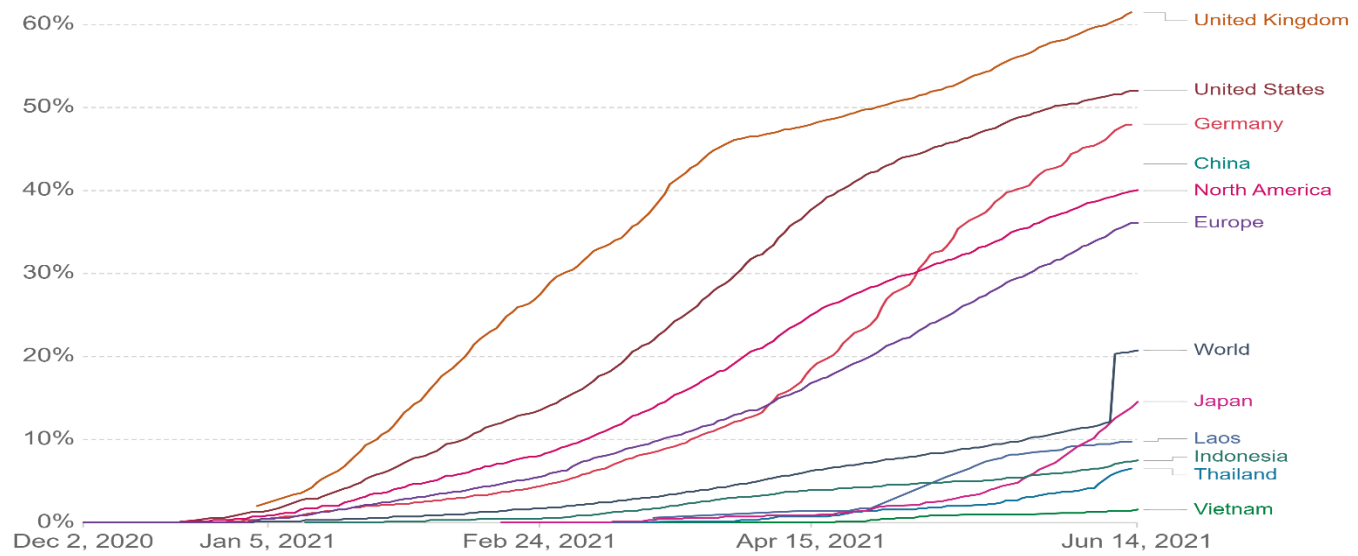


1,466
deaths



Source: World Health Organization

Share of people who received at least one dose of COVID-19 vaccine
Share of the total population that received at least one vaccine dose. This may not equal the share that are fully vaccinated if the vaccine requires two doses.



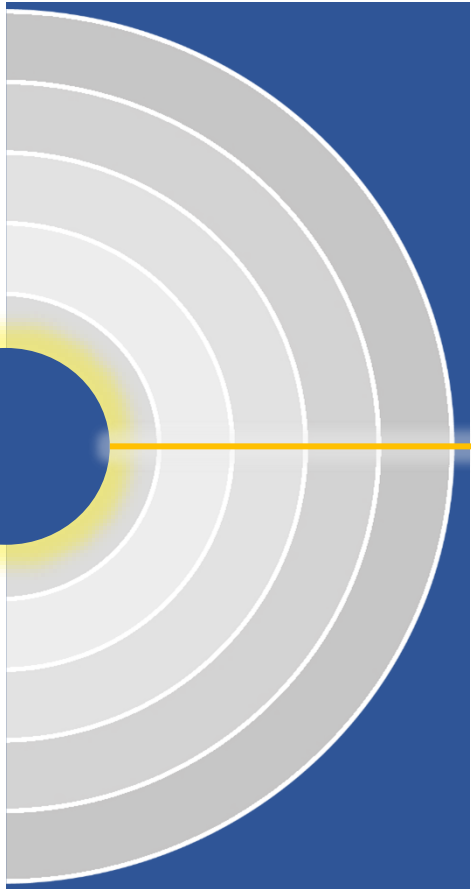
Source: Official data collated by Our World in Data

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**Thailand Covid 19
Vaccination Plan
70% of total
population**

**1st Dose by October 2021
2nd Dose by December 2021**

**Phuket will have covid 19
vaccination 70% of total people by
June 2021 Then Will Open Phuket
for International Flight for tourist
from July 1, 2021**



THAILAND Challenges

Thailand's Challenge Today



Climate change

Global Climate Risk Index Report (2020), indicating that in the past 20 years (1998-2018), Myanmar, the Philippines, Vietnam and Thailand are the top 10 countries most affected by climate change in the world.

**Geopolitical
: Trade war**



Aging Society

According to the United Nations World Population Aging, Thailand is undergoing a transition into complete aging society. It is predicted that in 2021, Thailand will enter a complete aging society. with people over 60 years old, more than 20% of the total population



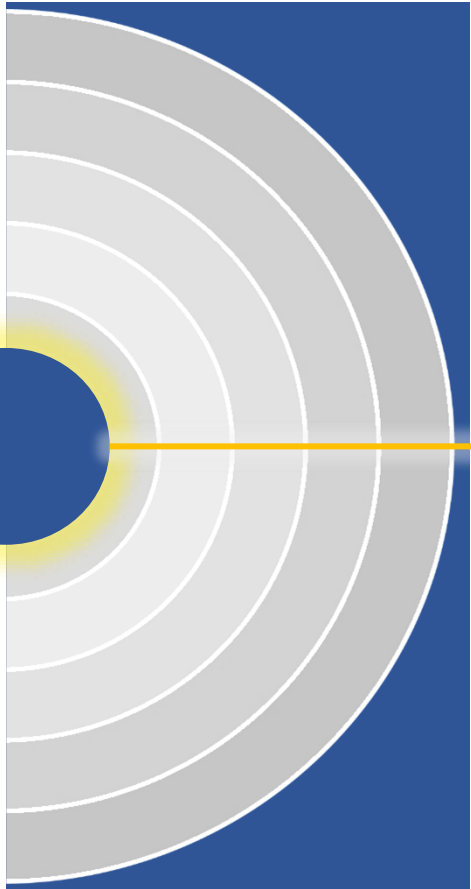
Digital Age

According to Digital Economy Promotion Agency, Thailand has begun to seriously develop into the digital economy.



Covid-19 Pandemic

According to Krungsri Research (2020), Covid 19 is affect Thailand's GDP figures are - 5%. First affected business group and the heaviest is tourism business.



Business Opportunities

Thailand's Business Opportunities from Crisis

Climate change : Environment Impact Awareness

- BCG: Bio Circular Green Economy
 - Biodiversity :Rich of Natural resources >>Biotechnology
 - Recycle Upcycle
 - Smart City: Green and Smart Energy / Green Mobility
 - Micro Electronics : Semiconductors / PCB-PCBA



Aging Society

- Health cares : Elderly care , Preventive Medical, Medical Device
- more Automation for Business : Services / Factory / Farm



Digital Age

- Digital Economy >>> Digital Transformation
 - Digital Organization
 - 5G :Smart Farming / Smart Factory / Smart city



Covid-19 Pandemic

- Accelerate Digital Transformation



Targeted Industries of Investment Promotion

THAILAND 4.0



New Economic Policy for
Creativity + Innovation Smart Thailand

New S-curve



Digital
Economy



Medical Hub



Biofuels
&
Biochemicals



Automation
&
Robotics



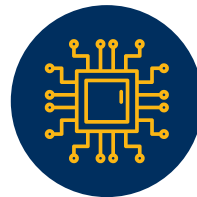
Aviation
&
Logistics



Circular
Economy



Agricultural
&
Biotechnology



Smart
Electronics



Next-Gen
Automotive
i.e., EV



Affluent
Medical
& Wellness
Tourism



Food for
the Future



Human
Resource
Development
& Education

First S-curve

Ample Opportunities under BCG Economy

BCG will be Thailand's main economic base, generating a value of 4.3 trillion baht (25% of GDP) over the next five years.

Food and Agriculture

- Smart Farming
- Plant Factory
- Precision Agriculture/ aquaculture
- Healthy food and high-value bio-ingredients i.e. prebiotics, probiotics, nutraceuticals, active ingredients
- Alternative protein: plant-based, insect-based & cell-based

Waste management & recycling

- recycling from plastic waste to food-grade plastic



Energy, Material and Biochemical

- Biomass Power Plant
- Biorefinery Power Plant
- Hydrogen Power Plant
- Eco-friendly chemicals or polymers
- Biodegradable
- Bioplastics

Medical and Wellness

- Gene Therapy
- Vaccine and Biosimilar
- Medical Equipment
- Clinical Research
- Tele-Medicine
- Biomaterial drugs and medical products, including Thai herbs



Thailand At a Glance



Country's Engine of Growth

Agricultural & Biotechnology as one of **key growth engines** in-line with the **"Thailand 4.0"** economic model.

As of 2020 GDP of Agricultural sector account **-3.3% before turning to 1.3-2.3% in 2021.**

Future Agriculture & Biotechnology



Smart Agriculture



Smart Farmers



Superfood



Smart Farm

Thailand Automotive

Automotive is one of the industry that Thailand is holding potential for several years as an **automotive producer hub**



10th Motor Vehicle production volume worldwide (2020)



Next Generation Automotive & Smart City

For the next step of Thailand, the government is leading Smart City and **Electric Vehicle** for the future Automotive Industry



EV



Ecosystem



Smart City



Thailand At a Glance

Thailand has adopted the digital as in normal life today including medical industry

Country's Engine of Growth



Medical as one of key growth engines in-line with the “**Thailand 4.0**” economic model.

Next Future of Medical

Thailand adopted digital as one of the part to improving the treatment system

Adjust digital treatment as new normal during covid-19

Thailand as a Medical Hub

- Clinical Research
- Contract Research Organization (CRO)
- Clinical Research Center(CRC)
- Senior Hospital Services
- Senior/Dependent Care Centers
- International Procurement Office: IPO



Due to Covid-19 Thailand as one of the country affected by the pandemic. Which will lead new trend of medical industry.
(Mobile, Electronics, AI Technology)

Summary of Business Opportunities in Thailand

Investment


- **Biotechnology Related**
 - Smart farming Technology
 - Farm to Food Technology
 - Plant based Protein(meat)/Protein from insects
- **Infrastructure**
 - Water management Technology
 - Water Transportation System
 - Rail Transportation System
 - Air Transportation System
- **Green Technology**
 - Green Energy / Green Mobility BEV
- **Automation Technology**
- **Microelectronics / Smart electronics**
- **Medical Device**


Sourcing


- **Industrial Parts and Products**
 - **Metal Parts**
 - **Rubber / Plastics Parts**
 - **Metal fabrication**
 - **Electronics Manufacturing Services**
 - **outsourcing manufacturing**
- **Agricultural and Food Products**
- **Jewelry**

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