



# Strengthen Thailand Investment Opportunities in Strategic Industries

Dr. Ratchanee Wattanawisitporn  
Executive Director, Foreign Investment Marketing Division  
Thailand Board of Investment

24 August 2022

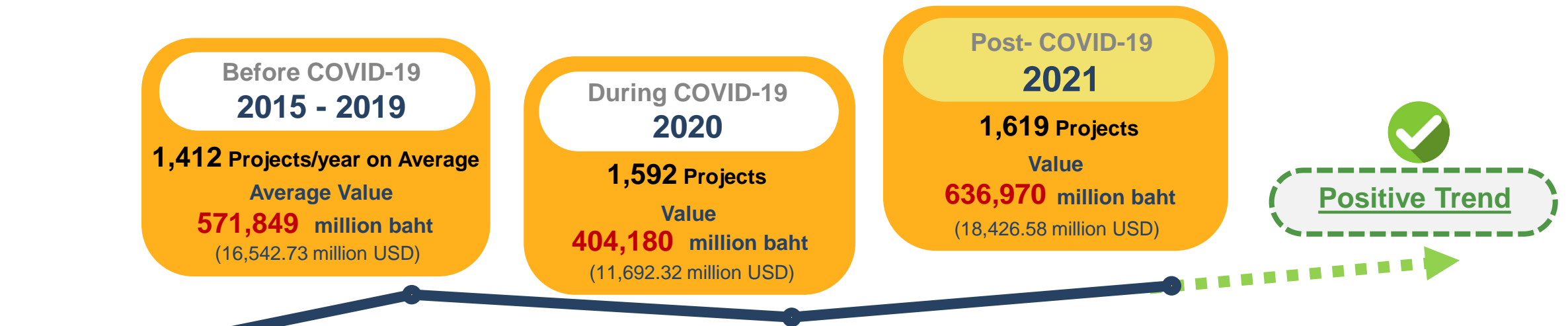


# Thailand's Investment Landscape

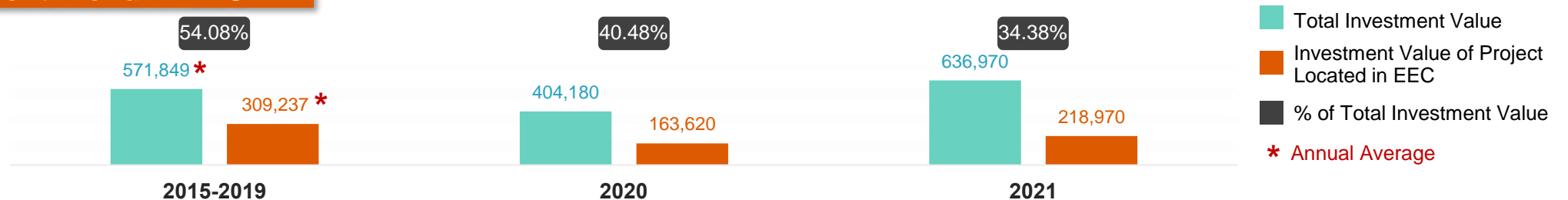
---



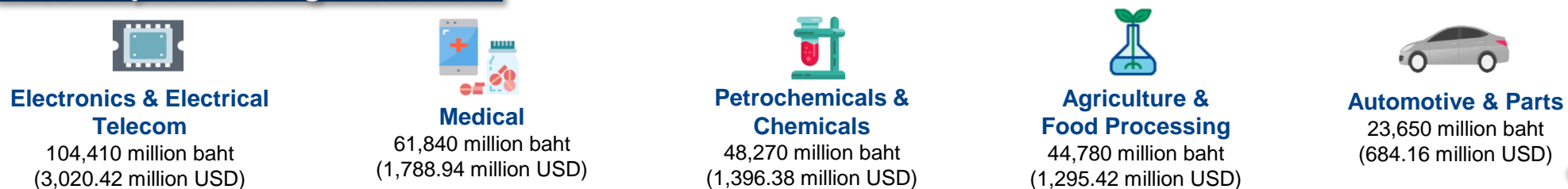
# Total Investment Applications



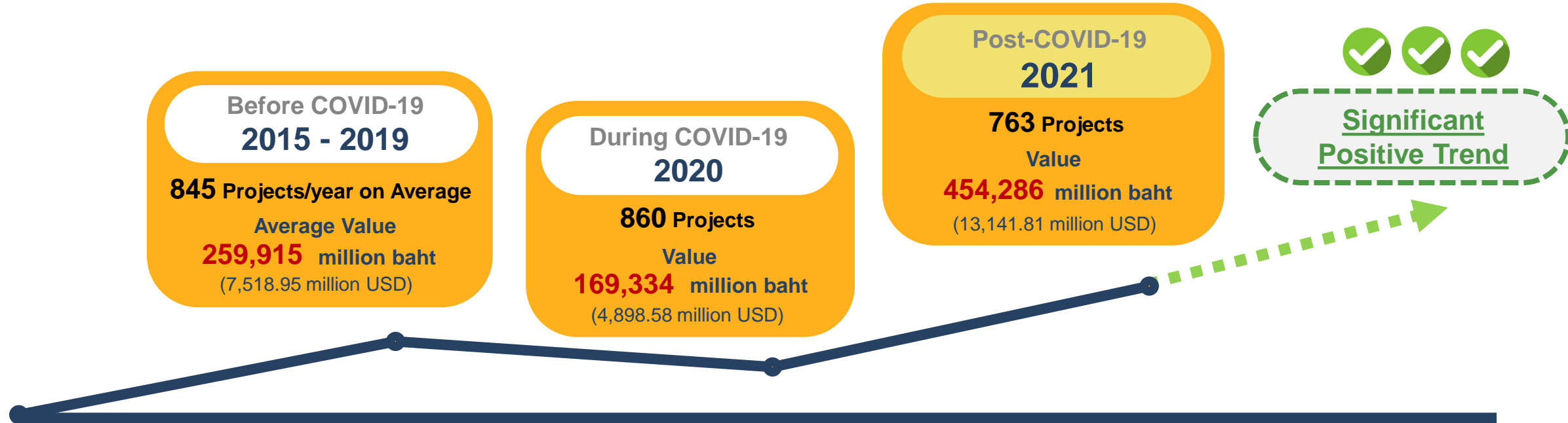
## Investment Trend in EEC



## 2021 Top 5 Investing Industries








# Foreign Direct Investment Applications



## 2021 Top 5 FDI Sources

1	Japan	80,648 million baht (2,333.02 million USD)
2	China	38,067 million baht (1,101.22 million USD)
3	Singapore	29,669 million baht (858.28 million USD)
4	USA	29,376 million baht (849.80 million USD)
5	Taiwan	21,799 million baht (630.61 million USD)

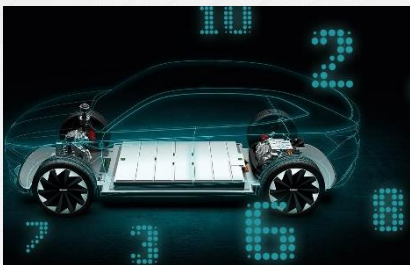
## 2021 Top 5 Investing Industries

 <b>Electronics &amp; Electrical Telecom</b> 95,300 million baht (2,756.88 million USD)	 <b>Petrochemicals &amp; Chemicals</b> 38,300 million baht (1,107.96 million USD)	 <b>Medical</b> 33,340 million baht (964.48 million USD)	 <b>Agriculture &amp; Food Processing</b> 26,870 million baht (777.31 million USD)	 <b>Automotive &amp; Parts</b> 21,180 million baht (612.71 million USD)
---	---	--	--	---



# Foreign application by industries

In 2022 (Q1-Q2)



## Automotives & Parts

42,101.86 million baht  
(1,217.94 million USD)



## Electrical & Electronics

21,383.16 million baht  
(618.58 million USD)



## Agriculture & Food Processing

17,939.02 million baht  
(518.95 million USD)



## Petrochemicals

9,788.04 million baht  
(283.15 million USD)



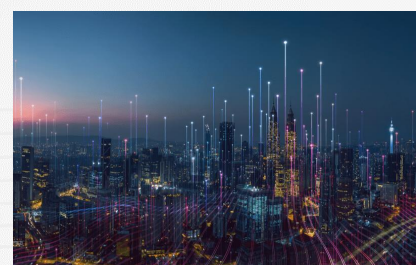
## Tourism

4,418.87 million baht  
(127.83 million USD)



## Biotechnology

3,329.03 million baht  
(96.30 million USD)



## Digital

930.10 million baht  
(26.91 million USD)



## Medical

676.86 million baht  
(19.58 million USD)



## Automation & Robotics

18.06 million baht  
(0.52 million USD)



## Aerospace

12.04 million baht  
(0.35 million USD)

Sources: Thailand Board of Investment

Note: Exchange Rate 1 USD = 34.568 THB (As of 10 May 2022, Bank of Thailand)



# Adopting **BCG** Model for Sustainable Development of Thailand

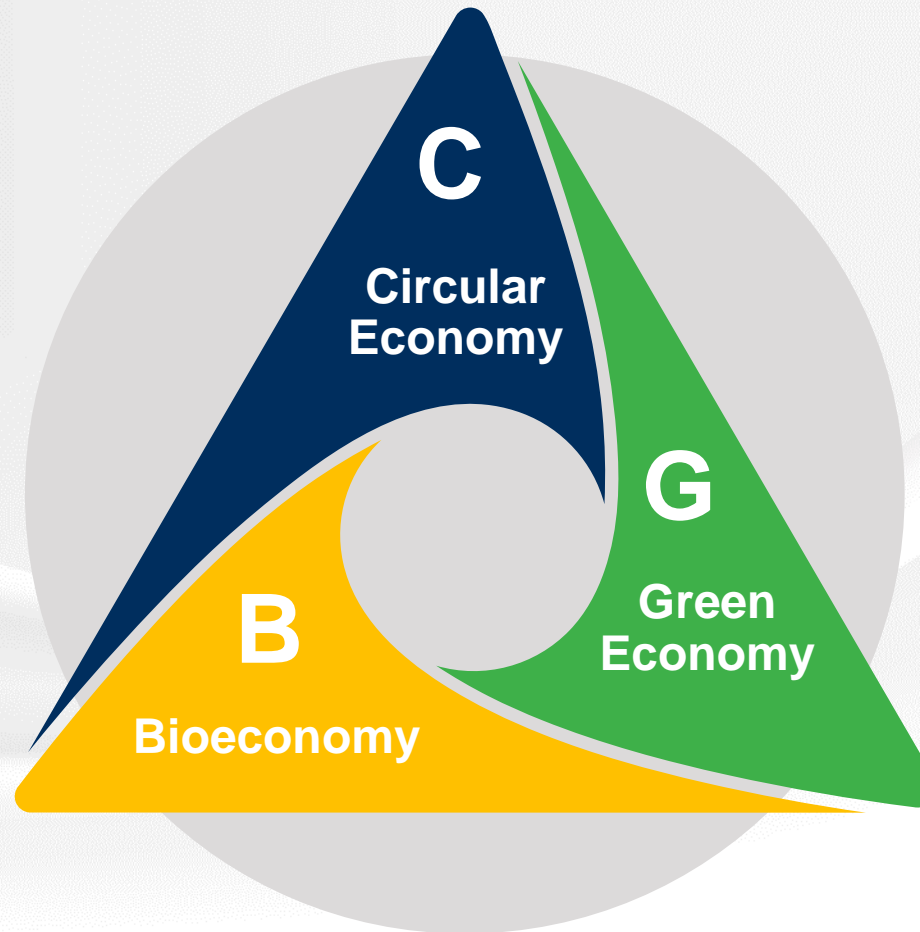
**BCG will be Thailand's main economic base, generating a value of 4.4 trillion baht (24% of GDP) over the next 6 years.**



**BCG  
Economy  
Model**

**Thailand's 20-Year  
National Strategy**

**Sustainable  
Development  
Goals**



## **Consistent with Thailand's Commitments and Goals**

- GHG Reduction by 20-25% by 2030
- Carbon Neutrality by 2050
- Net Zero Carbon Emissions by 2065

## **In line with**

- SDGs (Sustainability Development Goals)

## **Supporting**

- ESG (Environment, Social, Governance) Concept

# Unlimited Opportunities under BCG Economy

## Examples:

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**
- **Medical Tourism** (i.e. Long Stay Rehab Center)

Material & Energy



- **Biomass Power Plant**
- **Biorefinery**
- **Biodegradable/ Bioplastics**
- **Eco-friendly chemicals or polymers** (i.e. bioplastics)
- **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**



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

# Thailand has announced aggressive ZEV targets with a “30/30 vision”



## VISION

To become a world-class EV hub and preferred investment destination for EV ecosystem



## 2030 ZEV Targets (BEV + FCEV)

### Passenger car & Pickup

**50%** Of new car sales

**30%** Of productions

### Bus & Truck

**35%** Of new car sales

**50%** Of productions

### 2-Wheelers

**40%** Of new car sales

**30%** Of productions



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

**750k**  
units

of car production

**675k**  
units

of 2-Wheelers production  
(650k local + 25k export)

**40+**  
GWh

of domestic battery demand per year

**13k+**  
units

of public chargers needed across the country

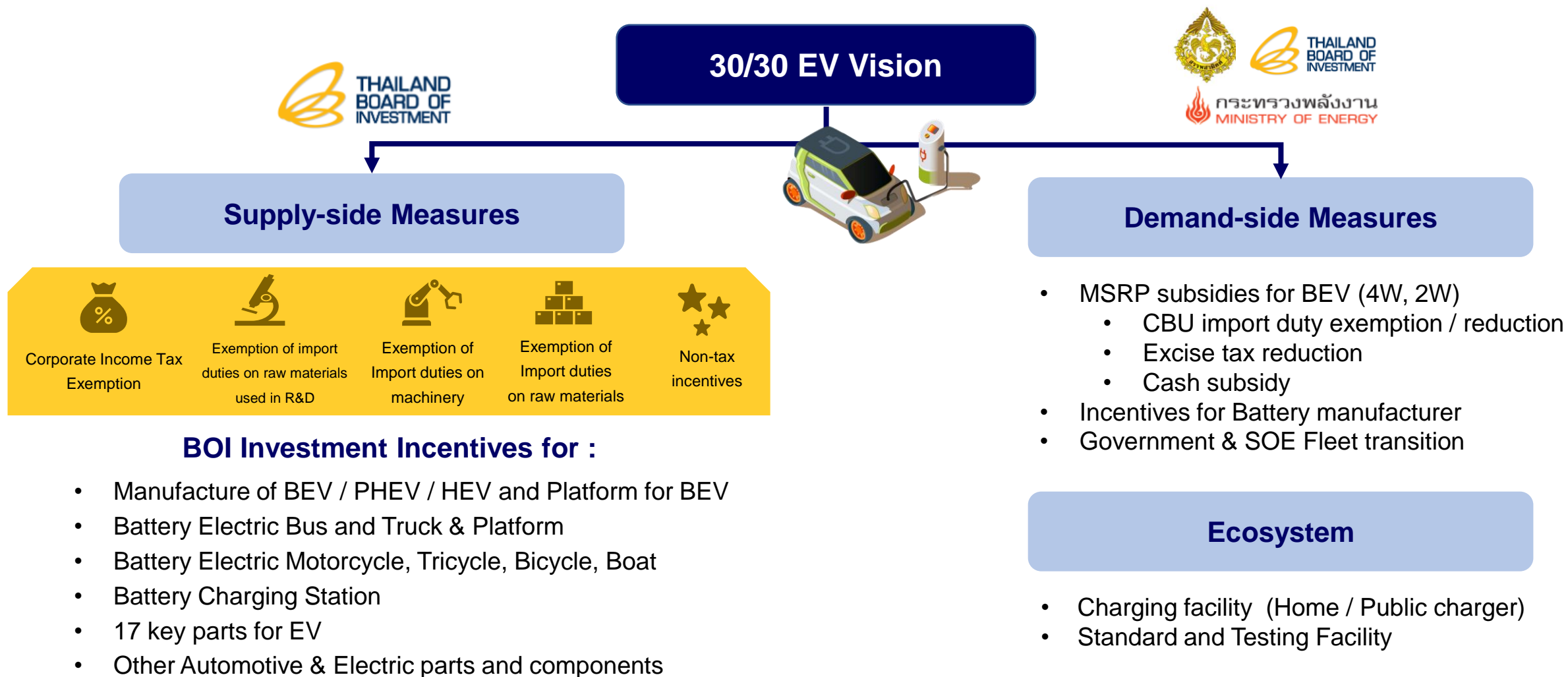
**5m**  
parc

driving demand of supporting ecosystem  
(2m cars + 3.3m 2W )





# ASEAN most comprehensive and progressive EV support policy





# Investment Promotion Policy

---



# Investment Promotion Policy Direction

Accelerate investment in targeted industry that Thai has potential: BCG



Promote Thailand as an International Business Centre (IBC) hub of ASEAN



Attract Talented Foreign expert; SMART Visa / LTR Visa



Develop Thai Human Resource to support investment in national targeted industry; STEM/ OSS /Training Grant



Reducing unnecessary or obsolete laws and regulations,



Enhancing Thailand's image as an investment destination



Improve facilitation and service ; BOI E-Service/ Customer Service Unit (CSU)/Linking data between government agencies for better service



Strengthening the Investment Ecosystem

Measures to Stimulate Investment

Support Sustainability & Innovation

Facilitation & Image Enhancement



Encourage Innovation & Startup



Promote Investment in Sustainability and Decarbonization



Promote investment in designated area; EEC, SEZ

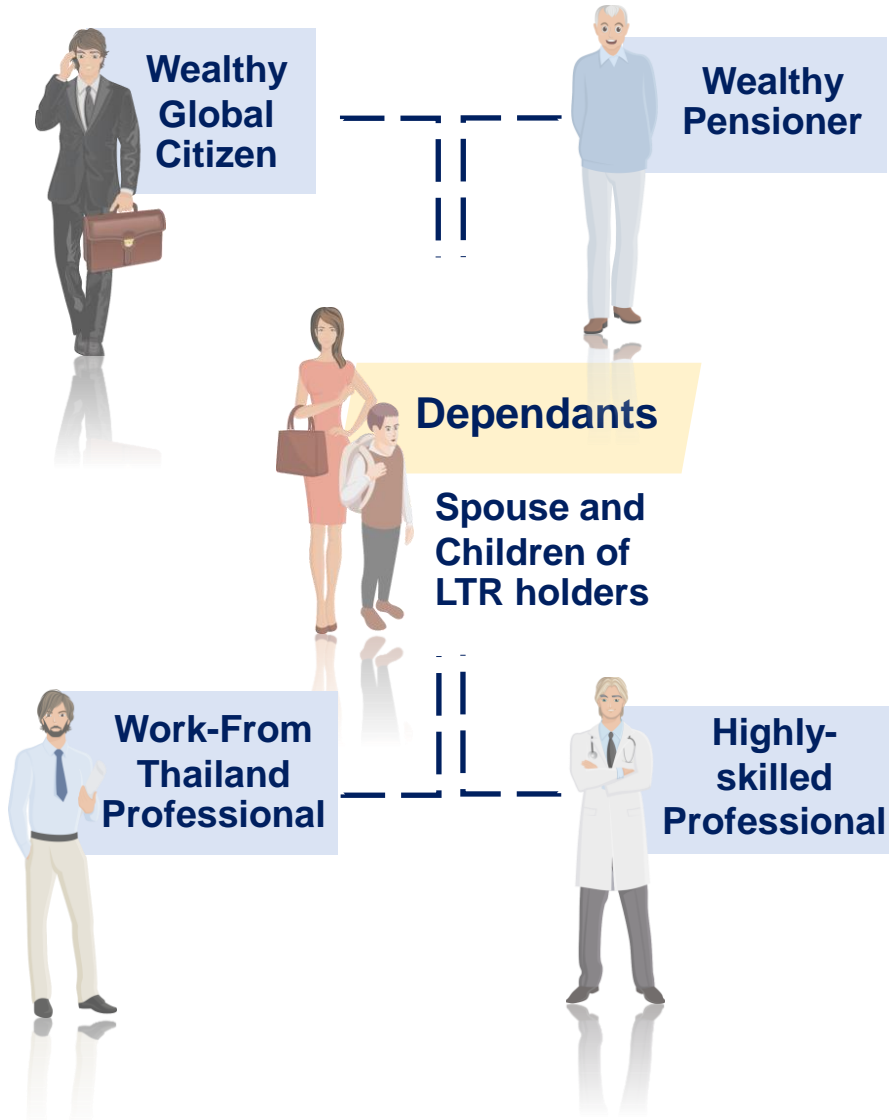


Support industry restructuring; automation, digitalization

# Long-Term Resident Visa (LTR): will be launched on September 1<sup>st</sup>

NEW

## Long – Term Resident Visa Privileges



10\* years renewable visa for applicant and maximum 4 dependants including spouse and children (under 20 years old)



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



Exemption from 4:1 employment ratio



Permission to work in Thailand  
(Digital Work permits will be granted to the visa holder and spouse)



Access to immigration and work permit services at One Stop Service Center for Visa and Work Permit



Other benefits i.e. 17% Personal income tax for High-skilled professionals



# High Skill Workforce Development Platform



## Impact:

- High performance manpower > 20,000 persons/year, Support investment > 70,000 million bath/year
- Increase productivity of workforce by 10% for higher education workforce. ( ~ 500,000 persons/year)






# Training Grants

## Condition

- Must be the skills development courses for Thai employees
- Training courses are
  - Advanced Technology Skills Development Courses which approved by MHESI (*Ministry of Higher Education, Science, Research and Innovation*)
  - The proposed HRD Expenses are not supported by other agencies/ measures under the same project

## - Financial Support -

-  1
-  2 Vocational qualification or higher
-  3 The training participants must not be less than 10% of the total number of employees or at least 30 employees.

### Type of Training: **External**



≤ 50%

of Training expenses costed by external training providers\*

### Type of Training: **In-house**



≤ 50%

of Training Expenses\*

- Training must be completed within 2 years
- ≤ 100,000 baht/ employee
- ≤ 5 million baht/company

Remarks: \*Lists of expenses & criteria stated by BOI

## Targeted Industries

Digital Economy



Next-Gen Automotive



Biofuels & Biochem



Med & Wellness Tourism



Aviation & Logistics



HRD



Smart Electronics



Auto & Robotics



Agro & Biotech



Medical Hub



Food for the Future



Circular Economy



Defense

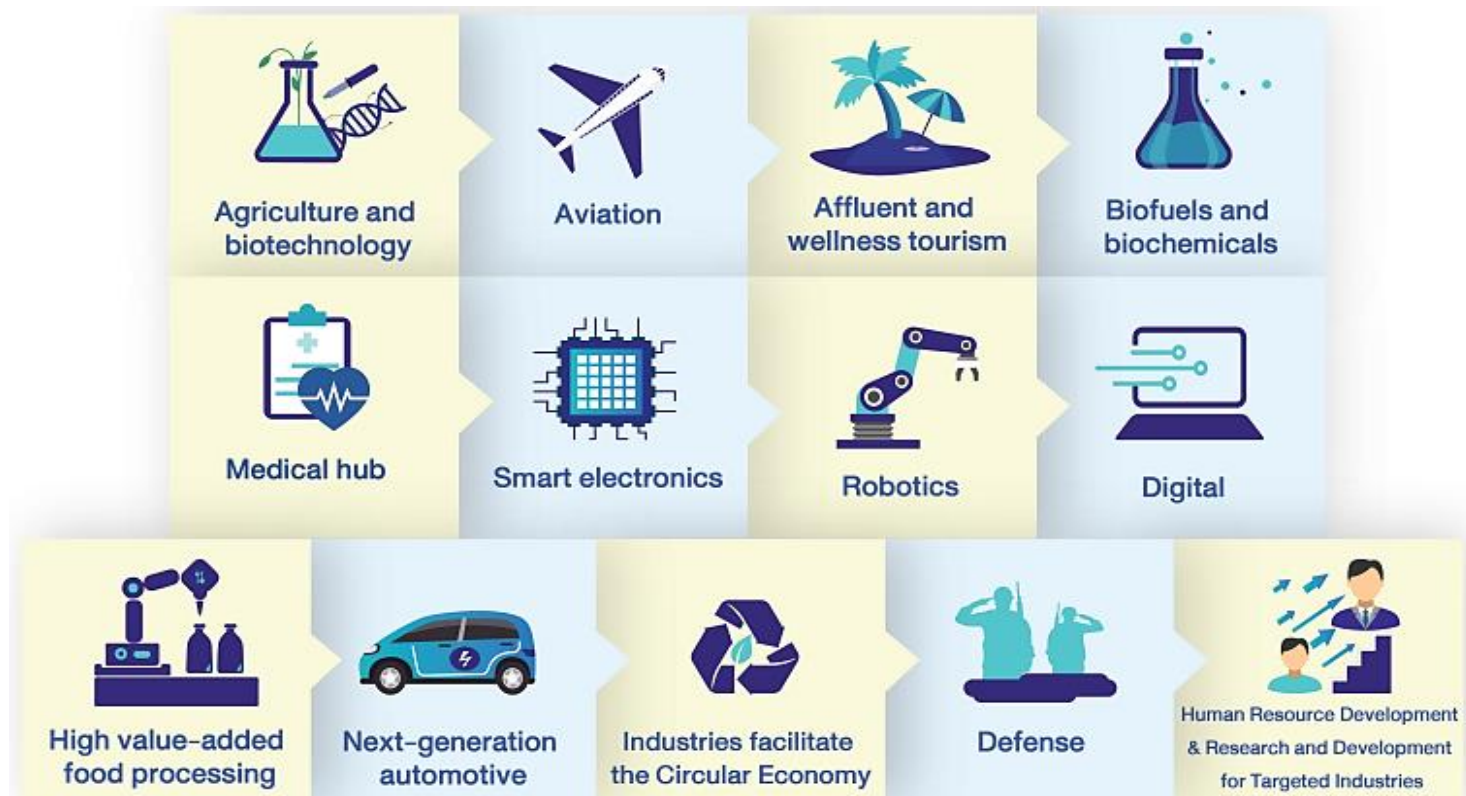






# Measure to Support **STARTUP**

(Under BOI Competitive Enhancement Act)



- Juristic person established under the law of Thailand for no more than 5 years
- Has raised funds from VC and/or CVC  $\geq 5$  million baht
- The project submitted for this measure has not received any personnel wages support from other agencies

## Incentives

1

**Financial support for the wages of technology and management personnel**

**$\leq 5$  million baht**

- $\leq 50\%$  of the wages of personnel specialized in technology and management
- Expenses used for calculation  $\leq 100,000$  baht/person/month
- Period  $\leq 2$  years

2

**Permit to bring in foreign skilled workers under BOI Investment Promotion Act**



THERE ARE COUNTLESS REASONS TO

# INVEST IN THAILAND

## Thailand (Head Office)

555 Vibhavadi-Rangsit Road.,  
Chatuchak, Bangkok 10900, Thailand

Tel. +66 2553 8111

Email. [head@boi.go.th](mailto:head@boi.go.th)

<https://www.boi.go.th>

