



Policy of Target Industries : Progress and Future Implementation

Present by

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10 Target Industries

New S –Curve



Biofuels and
biochemistry



Digital
economy



Medical
hub



Automation
and robotics



Aviation and
logistics

First S –Curve



Agricultural and
biotechnology



Smart
electronics



Affluent medical
and wellness tourism



Next-generation
automobiles



Food Processing
Industry

NEW S–Curve :

Develop Future Industries
to Achieve the Leap
Growth of Thai Economy.

First S–Curve :

Enhance Potential Industries
to Increase Efficiency and
Progress.

Next-Generation Automotive



Thailand xEV Production Promotion Measures Endorsed by Cabinet on March 28, 2017

Target : xEV Production Proportion will be

50% in 2030

85% in 2035

100% in 2040

Measures :

Investment promotion

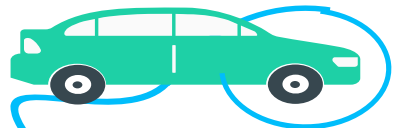
Domestic Market Stimulation

Infrastructure Preparation

Standardization

Used battery Management

Other Measures



Progress :

- ✔ There are 42 Projects (HEV/PHEV/BEV) to be Promoted by BOI Valued Approximately 90,088 Million Baht.
- ✔ Thai Industrial Standards Institute Determines the Standards of EV in Government Gazette with 30 Standards out of 63.
- ✔ Ministry of Energy Constructs 557 EV Charger Station.
- ✔ Tyre Testing Service Subject to UN R117 by Automotive and Tyre Testing, Research and Innovation Center (ATTRIC)

Next step :

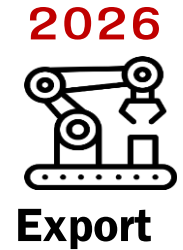
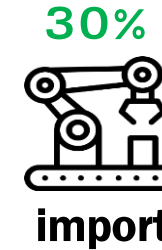
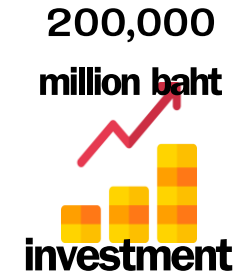
- ➔ Establish Battery Testing Center under ATTRIC. This Center is Expected to be Operational by 2021.
- ➔ BOI is Considering the Increase of Promotional Privileges in EV .
- ➔ To Gather any EV Problems to Propose to National New Generation Vehicle Committee in the 4th Quarter of 2020.



Robotics and Automation



“Robotics and Automation Promotion Measures Endorsed by Cabinet on August 29, 2017”



Measures :

Stimulate Driven

(Automation Buyers)

Enhance Manufacturer's Capability

Automation Service Provider
(System Integrator : SI)

Personnel and Technology Development

Center of Robotic
Excellence (CoRE)

Progress :

- ✔ Entrepreneurs in Each Industry Invest in Robotic and Automation Valued 167,000 Million Baht.
- ✔ CoRE Develops 185 Robotic Prototypes and 1,395 SI within 2019 – 2020.
- ✔ Robotic and Automation Technology Knowledge Transfer with Leading Countries such as Japan and Germany.
- ✔ 48 Standards of Robotics and Automation are Accredited by Thai Industrial Standards Institute and Plan to Increase 52 standards in 2021.

Next step :

- ➔ Encourage the Increased use of Robotic and Automation in Factories by Developing **Simplified Automation System** with SMEs.
- ➔ Create Digital Platform to Manage Robotics and Automation Supply Chain.
- ➔ Support Manufacturing Industry by Commercializing Research Prototypes.
- ➔ Elevate CORE' s Network for Sustainable Operation.





Bioeconomy



Target : To Promote Thailand as Bio Hub of ASEAN by 2027 A Focus on Three Target Products Comprising Bioplastics, Biochemicals, and Biopharmaceuticals

The Development of Bio Industry in Thailand 2018–2027 Measures

Endorsed by Cabinet on March 28, 2017

Measures :

- Eliminate Investment Barriers and Create Supporting Factors
- Accelerate Domestic Investment
- Stimulate Demand
- Create Networks in the form of The Center of Bio Excellence (CoBE)

Progress :

Office of Industrial Economics Issues Criteria and Accreditation Procedure of Degradable Plastic Products (29 June 2020) in order to Support Tax Measure of Ministry of Finance. This Measure Exempts 25 % of Juristic Person’s Income Tax from the Purchase of 11 types of Degradable Plastic Products. At present, 4 Entrepreneurs Request This Tax Measure.



Next step :

- A part of CoBE by Office of Industrial Economics and Plastic Institute of Thailand Implemented as follows:
- CoBE and National Science and Technology Development Agency to Implement Products Based on Research Papers
 - Accelerate Bio Companies to Develop Bio-plastic Products via Transformation to Bio-plastic Industry Project in order to Enhance Entrepreneurs’ potential and Improve Bio – plastic products.

Food Processing Industry

“Action Plan to Develop Food Processing Industry Endorsed by Cabinet on April 28, 2020”



Target : 2027 Thailand is Center of Food for the Future in ASEAN and Among the Top 10 food exporters.

Measures :

Create New Food Warriors

Create Future Food Innovation.

Create New Marketing Platform.

Create Fundamental Factors to Accelerate the Development of the Industry

Progress :

- ✓ Ministry of Industry and Related Agencies Create 31,957 New Food Warriors both in Food Industry and Smart Farmers.
- ✓ Ministry of Higher Education, Science, Research and Innovation Carry out SMEs via Food Innopolis in order to Develop 15 Projects.
- ✓ OIE Studies and supports Modern Packaging Innovation to Decrease Waste in 3 Agricultural Goods.
- ✓ BOI Gives Incentives for Plant Producing Factories.



Next step :

- Accelerate The Creation of New Food Warriors.
- Drive The Mission of Food for The Future by Cooperating with Other Agencies to Set up The Development of Target products such as Organic Food, Gluten free food, Vegan etc.
- Drive Flagship Projects in 2022 : Elevate Agricultural products to Agriculture Industry.

