

# BOI go Green

Under the concept of

“

*BCG Economy is the development of strength from internal potential with biodiversity*

*by further developing knowledge, technology, and innovation*

*to create added value for existing resources.*

”

# B

## Bioeconomy

focuses on the cost-effective use of biological resources.

# C

## Circular Economy

considers the recycling of various materials as much as possible.

# G

## Green Economy

focuses on solving pollution problems to mitigate the impact on the world sustainably.

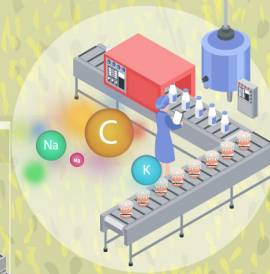
## Samples of BOI-promoted projects under the concept of BCG

Recycling and reuse of unwanted materials



Manufacture of fuel from agricultural scrap or garbage or waste, i.e. Biomass to Liquid (BTL), and biogas from wastewater

Manufacture of medical food or food supplements



Plant Factory



Production of electricity or electricity and steam from renewable energy



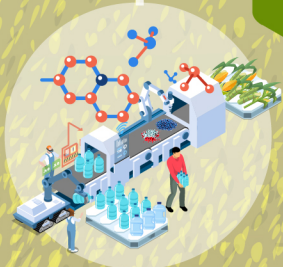
Animal propagation and husbandry



Trading Center for agricultural goods



Manufacture of eco-friendly chemicals or polymers or products from eco-friendly polymers







## 55 eligible activities under the concept of BCG economy

### Agriculture and Agricultural Products



Activities	CIT Exemption
Manufacture of biological fertilizers, organic fertilizers, nano-coated organo chemical fertilizer and bio-pesticides	5
Plant or animal breeding (only those that are not eligible for biotechnology activity)	5
Economic forest plantation (except for Eucalyptus)	8 (No Cap)
Crop drying and silo facilities	-
Animal propagation or animal husbandry	
• Livestock and aquatic animal propagation	3
• Livestock husbandry or aquaculture (except for shrimp)	3
Slaughtering	3
Deep sea fishery	5
Grading, packaging and storage of plants, vegetables, fruits or flowers	5-8



Activities	CIT Exemption
Manufacture of modified starch or starch made from plants that have special properties	5
Manufacture of oil or fat from plants or animals (except for soybean oil)	5
Manufacture of Natural extracts or products from natural extracts (except for medicines, soap, shampoo, toothpaste and cosmetics)	
• Manufacture of Natural extracts using advanced technology, or products produced from natural extracts using advanced technology in a continuous manner within the same project	8
• Manufacture of Natural extracts, or products from natural extracts in a continuous manner within the same project	5
• Manufacture of products from natural extracts in core projects exclude the extraction process	-
Manufacture of active ingredients from natural raw materials	8
Tanneries or leather finishing	5



Activities	CIT Exemption
Manufacture of natural rubber products (except for rubber bands, rubber balloons and rubber rings)	
• Manufacture of primary processed rubber	3
• Manufacture of natural rubber products	8



Activities	CIT Exemption
Manufacture of products from agricultural by-products or agricultural waste (except for those with uncomplicated production processes, e.g. drying, dehydration)	3



Activities	CIT Exemption
Manufacture or preservation of food, beverages, food additives or food ingredients using modern technology (except for drinking water, ice cream, candy, chocolate, gum, sugar, carbonated soft drinks, alcoholic beverages, caffeinated beverages and flour or starch made from plants, bakery products, instant noodles, essence of chicken and bird's nest)	5



Activities	CIT Exemption
Cold storage, or cold storage and cold storage transportation	-



Activities	CIT Exemption
Trading Center for agricultural goods	5



Activities	CIT Exemption
Manufacture of animal feed production and animal food ingredients.	-



Activities	CIT Exemption
Manufacture of modern agricultural products or services related to modern agriculture e.g. detection or tracking systems, resources regulation systems (such as water, fertilizers, medicines) and smart greenhouse systems	5 (No Cap)



Activities	CIT Exemption
Plant Factory	5





## 55 eligible activities under the concept of BCG economy

### BIO-Based Industry



#### Activities

#### CIT Exemption

Manufacture of fuel from agricultural products, including agricultural scrap or garbage or waste

- Manufacture of fuel from agricultural products **8**
- Manufacture of fuel from agricultural scrap or garbage or waste, e.g. biomass to liquid (BTL), biogas from wastewater **8**
- Manufacture of biomass briquettes and pellets **5**



#### Activities

#### CIT Exemption

Manufacture of eco-friendly chemicals or polymers or products from ecofriendly polymers

- Manufacture of eco-friendly chemicals or polymers or manufacture of products from eco-friendly chemicals or polymers that is incorporated within the same project as the manufacture of eco-friendly chemicals or polymers **8**
- Manufacture of products from eco-friendly polymers **5**



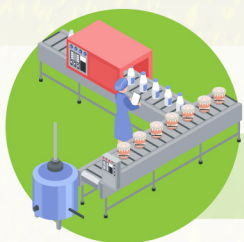
#### Activities

#### CIT Exemption

Biotechnology

- Research and development (R&D) activity and/or manufacturing of seed industry, improvement of plant, animal or microorganism using biotechnology. **8 (No Cap)**
- Research and development (R&D) activity and/or manufacturing of biopharmaceutical agent using biotechnology **8 (No Cap)**
- Research and development (R&D) and/or manufacturing of diagnostic kits for health, agriculture, food and environment **8 (No Cap)**
- Research and development (R&D) and/or manufacturing of bio-molecule and bioactive substance using microorganism, plant cell and animal cell **8 (No Cap)**
- Manufacture of raw materials and/or essential materials for molecular biological research and development, experiment, testing or quality control service and/or production of biological substance **8 (No Cap)**

### Medical Industry



#### Activities

#### CIT Exemption

Manufacture of medical food or food supplements **8**



#### Activities

#### CIT Exemption

Active pharmaceutical ingredients **8**



#### Activities

#### CIT Exemption

Manufacturing of medicines

- Manufacturing of targeted medicines **8**
- Manufacturing of conventional and traditional medicines **5**







# 55 eligible activities under the concept of BCG economy

## Paper Industry

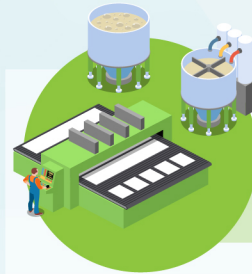


Activities

CIT Exemption

Manufacture of pulp or paper

5-8



Activities

CIT Exemption

Specialty pulp or specialty paper

5



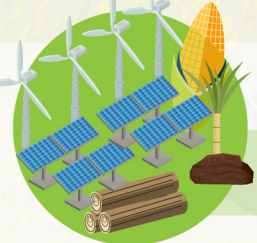
Activities

CIT Exemption

Hygienic pulp or hygienic paper

8

## Energy and Public Utilities



Activities

CIT Exemption

Production of electricity or electricity and steam

- Production of electricity or electricity and steam from garbage or refuse derived fuel
- Production of electricity or electricity and steam from renewable energy, such as solar energy, wind energy, biomass or biogas, etc. except from garbage or refuse derived fuel

8 (No Cap)

8



Activities

CIT Exemption

Waste treatment or disposal

8



Activities

CIT Exemption

Energy Service Company (ESCO)

8 (No Cap)



Activities

CIT Exemption

Recycling and reuse of unwanted materials

5