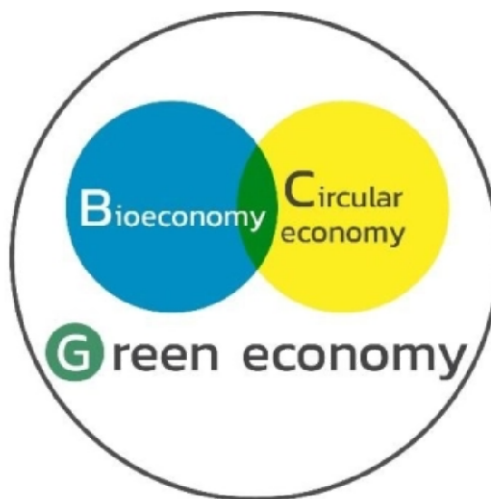


The Implementation of BCG in Agriculture at provincial level



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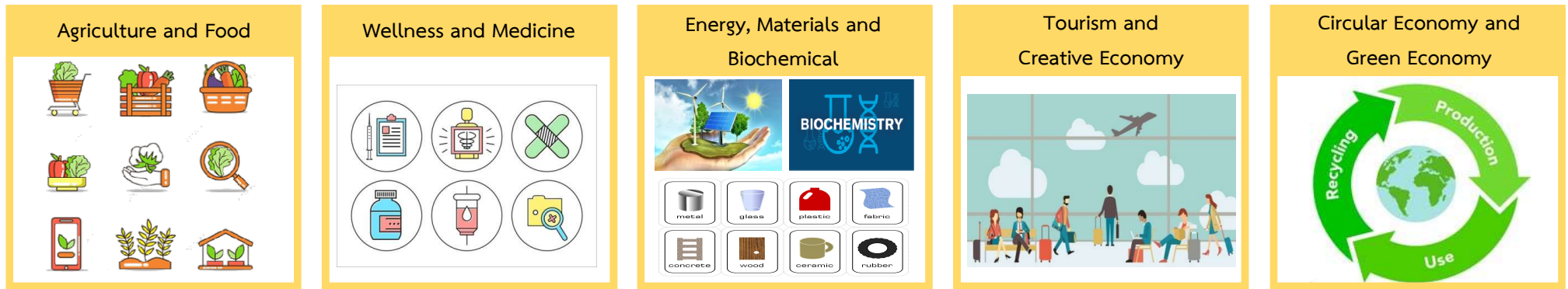
Introduction

In the past, Thailand's development has focused on the use of natural resources and biodiversity to generate the economic growth. Such development has caused the natural resource degradation, environmental pollution, biodiversity decline, health problems, economic and social inequality and Thailand has remained in the middle-income trap.

Thailand, therefore, has to transform our development for the significant growth in parallel with creating balance and sustainable in economic, social and environment by adopting the new economic model namely BCG.

BCG Action Plan (Year 2021-2027)

5 Strategic Sectors



The Action Plan is Based on 4 Strategies

Strategy 1	Strategy 2	Strategy 3	Strategy 4
Promote sustainability of biological resources by balancing conservation and utilization	Strengthen communities and grassroots economy by employing resource capital, identity, creativity and advanced technology	Enhance sustainable competitiveness of Thai BCG industries	Build resilience to global changes

Guidelines for Agricultural Development under the BCG Economic Model

Main Goal

Thai agriculture with high efficiency, high standard, and high income

Indicators and Targets

1. An increase in agricultural GDP growth rate by at least 3% per year
2. An increase in net cash income of agricultural households by at least 10% per year
3. Sustainable agricultural land increases to 7,000,000 Rai in 2027

1

1. Conserving the usage of agricultural resources and natural resources and environment in the balance and sustainable manner

2

2. Promoting modern agriculture and the production of high valued agricultural goods and services

3

3. Developing smart farmers, young smart farmers, and enhance individual's expertise

4

4. Developing infrastructure and facilities

BCG Value Chain on Agriculture

Upstream

Midstream

Downstream




Bio
(Value Creation)

- Increasing the efficiency of production
 - Using good varieties (crops, fisheries, livestock)
 - Promoting the transition of the agricultural production to smart farming and precision farming
 - Improving quality standards of production process
 - Promoting good farm management practices

- Promoting primary and intermediate processing
- Developing new alternative products
- Promoting brand creation

- Advanced processing
 - Future food and beverage industry
 - Pharmaceutical Industry
 - Bioplastics Industry
- Proactive marketing



Circular
(Zero Waste)

- Using resources to their full potential
 - Reusing agricultural wastes to produce animal feed, fertilizer, etc.
 - Stop burning in agricultural areas

- Promoting the use of agricultural wastes for processing into renewable energy /bioenergy

- Promoting the use of agricultural wastes for processing into other new products
- Proactive marketing

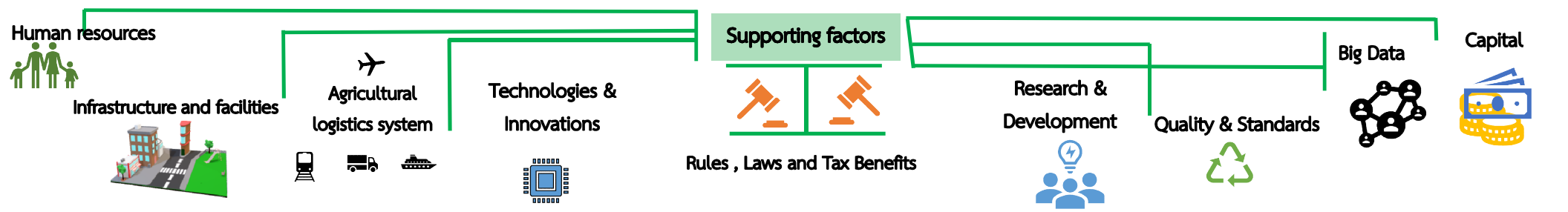


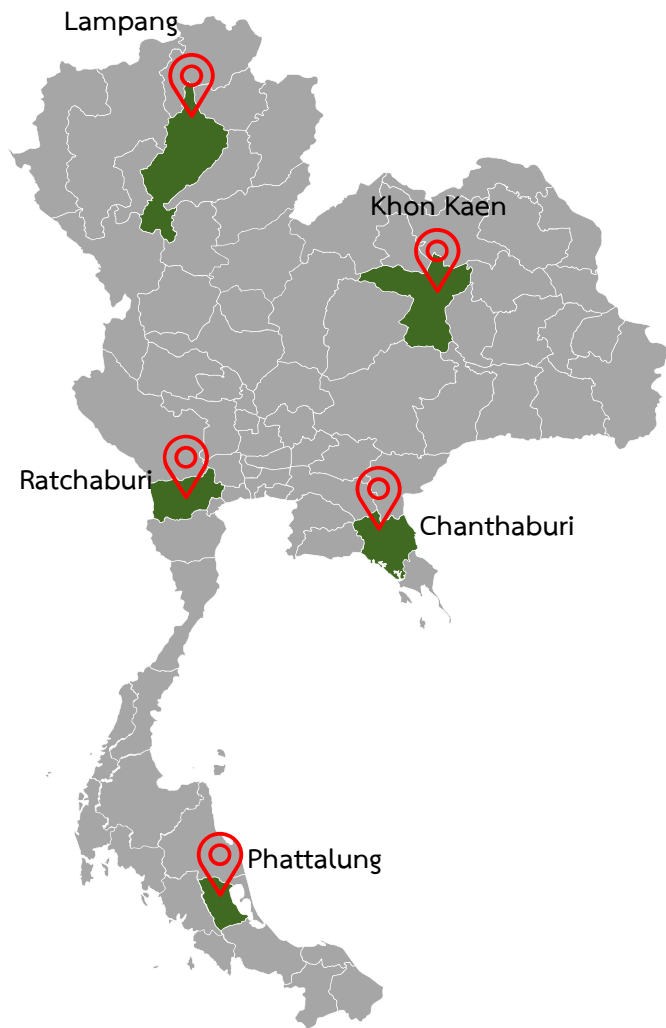
Green
(Balance and Sustainability)

- Creating sustainability on biological resource base
- Conserving, restoring and using a production resource in balanced and sustainable manner
- Promoting Environmentally friendly production
- Reducing and stopping use of chemical

- Agrotourism and Ecotourism in the local communities
- Environmentally friendly processing
 - Using clean energy in the production process and services

- Integrated agrotourism/cultural tourism industry
- Green Industry





The Driving of BCG in Agriculture at the provincial level

➤ 5 pilot provinces and targeted agricultural productions

Lampang Province : Rice and Bamboo

Khon Kean Province : Sugarcane and Mulberry Silk

Ratchaburi Province : Sweet Young Coconut, Sugarcane, Swine, Dairy Cattle, Vegetables, and Giant Freshwater Prawn

Chanthaburi Province : Durian, Mangosteen, and Blue Swimming Crab

Phattalung Province : Rice



The steps of driving BCG in Agriculture at the provincial level

Specify targeted agricultural productions
(crops, livestock, fisheries)

Setup pilot project in target areas

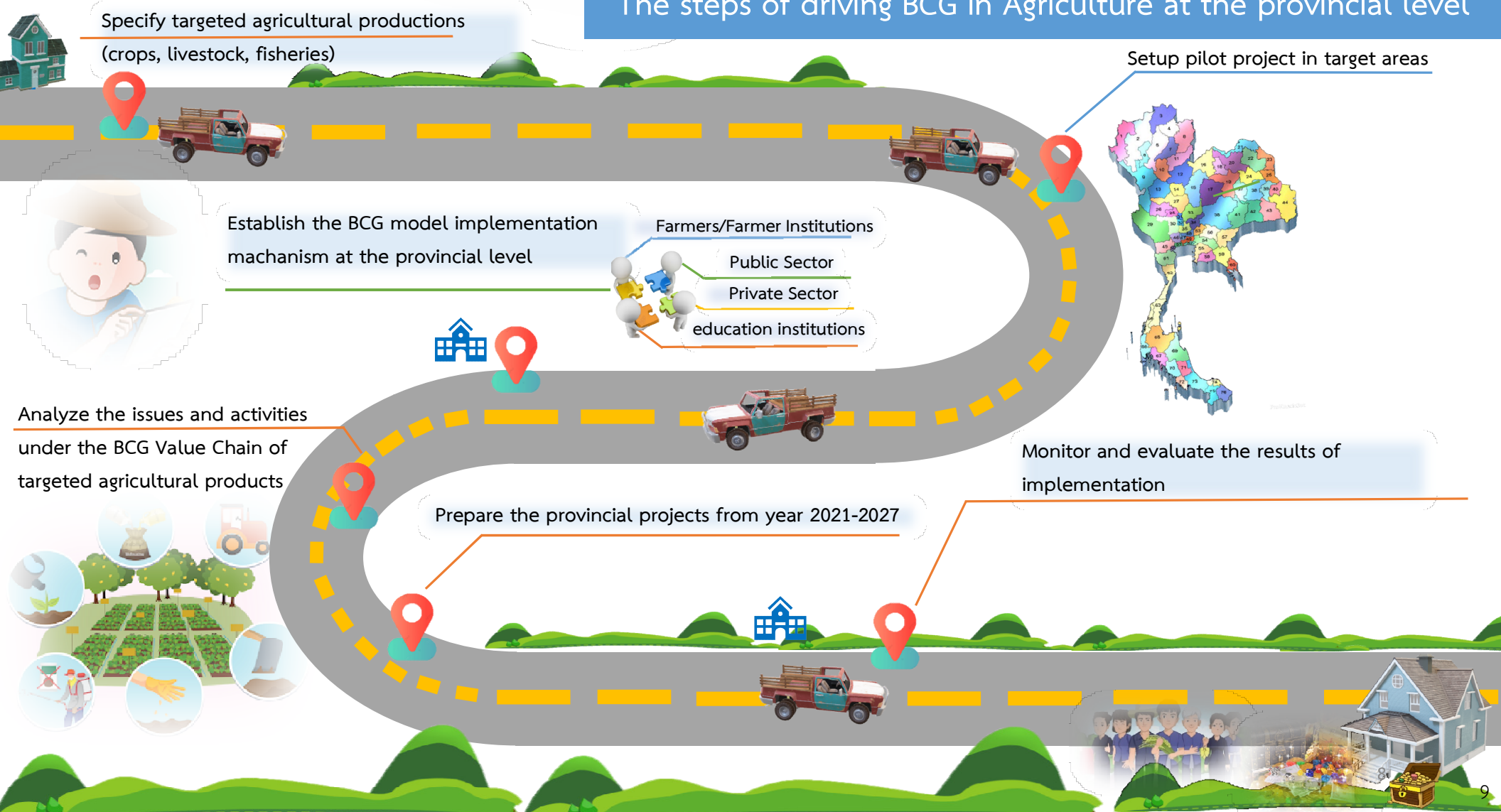
Establish the BCG model implementation
mechanism at the provincial level

Farmers/Farmer Institutions
Public Sector
Private Sector
education institutions

Monitor and evaluate the results of
implementation

Prepare the provincial projects from year 2021-2027

Analyze the issues and activities
under the BCG Value Chain of
targeted agricultural products





Thank you...

