



# Entry of Young Generation into Farming in Thailand



Onanong Tapanapunnitikul, Ph.D.  
Kasetsart University  
Thailand





# Outline of presentation

**I. Overview**

**II. Current Situation in Thailand**

**III. Roles of public, private sectors and universities in fostering the young into farming**

**IV. Challenges: Entry of Young generation into Farming in Thailand**

## World Population Prospects

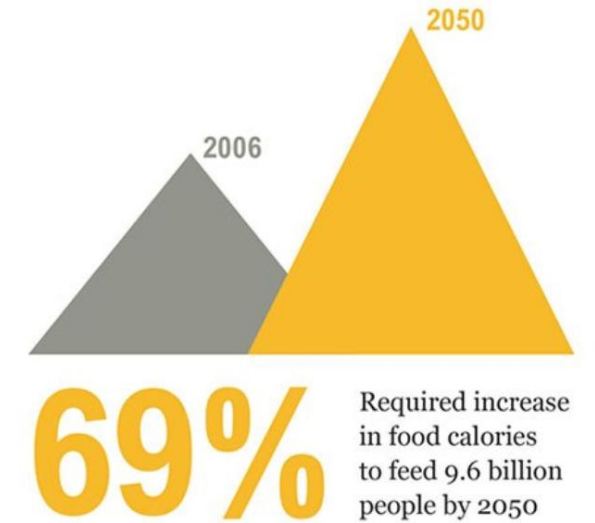
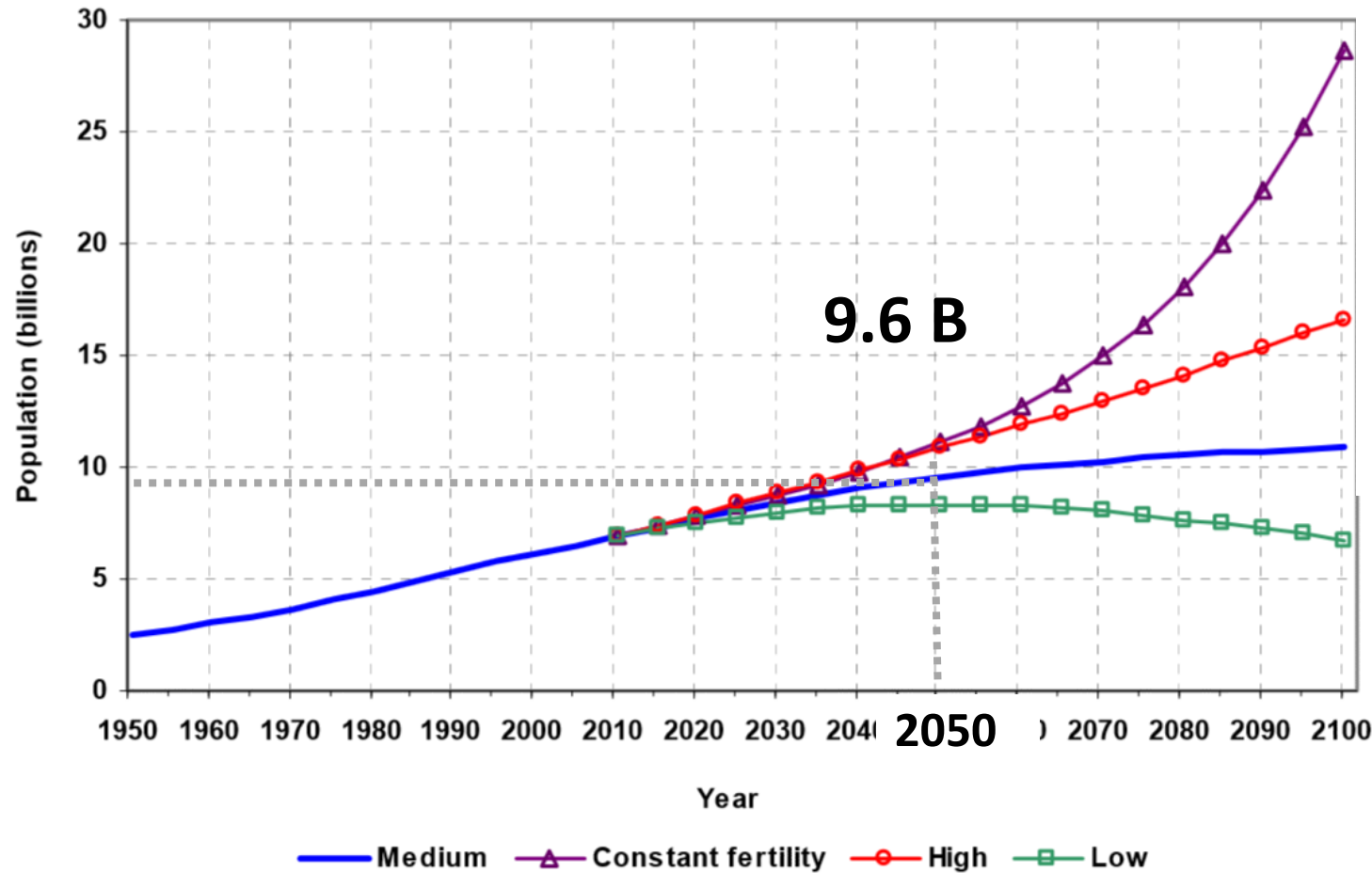


Fig. 1 Population of the world, 1950-2100, according to different projections and variants

Source: United Nations, 2013

# 1. Overview

## Thailand : World food exporter



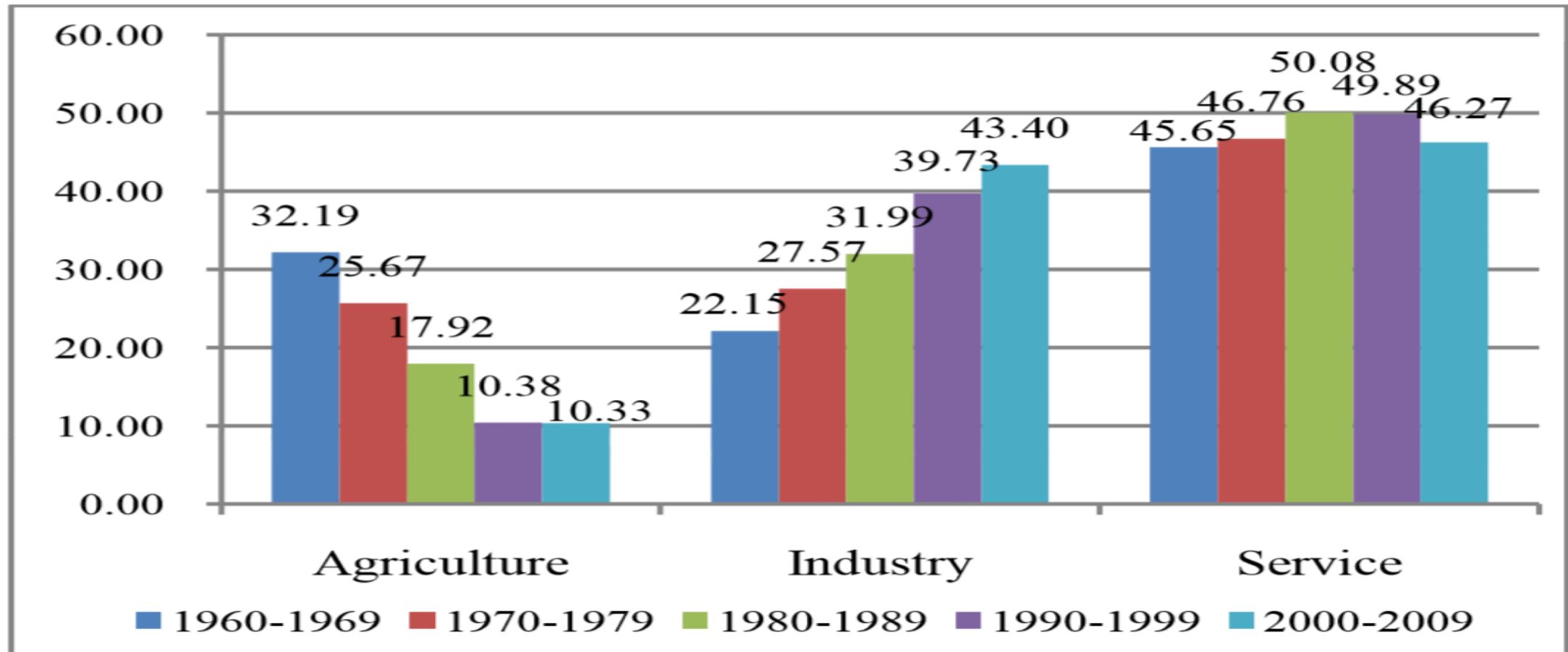
Commodities	World's ranked
Cassava	No. 1
Sugar	No. 2
Fishery	No. 3
Rice and Grains	No. 6

Table 1. The world ranking agricultural products exporter

Source: The Board of Investment of Thailand. 2013

**Kitchen of the World**

## 2. Current Situation in Thailand



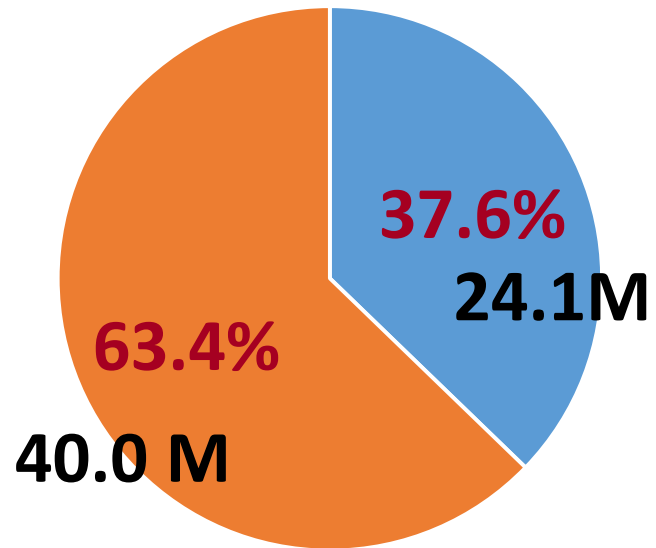
**Fig. 1 Sectorial Value-Added (% of GDP)**

**Source:** Suwannarat, 2014

## 2. Current Situation in Thailand

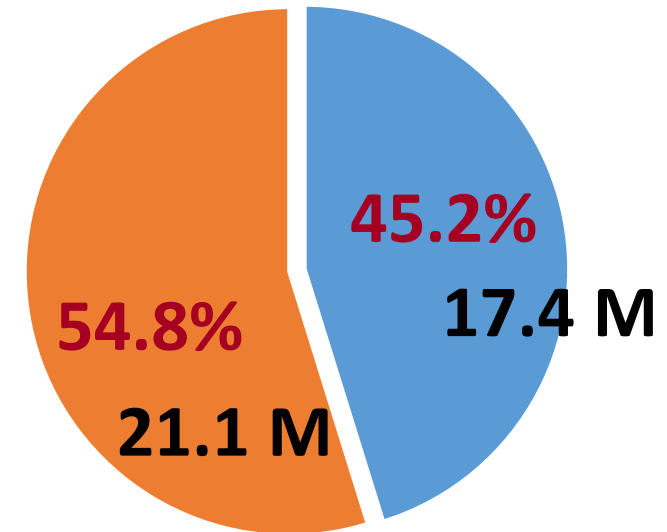
# Agricultural Demographic of Thailand

**Thai Population 64.1M**



■ Farmer ■ Non-Farmer

**Work force 38.5 M**



■ Agriculture ■ Non-Agriculture

Source: Ministry of Agriculture and Cooperatives, 2012

## 2. Current Situation in Thailand

### Agricultural Demographic of Thailand: Classified by age

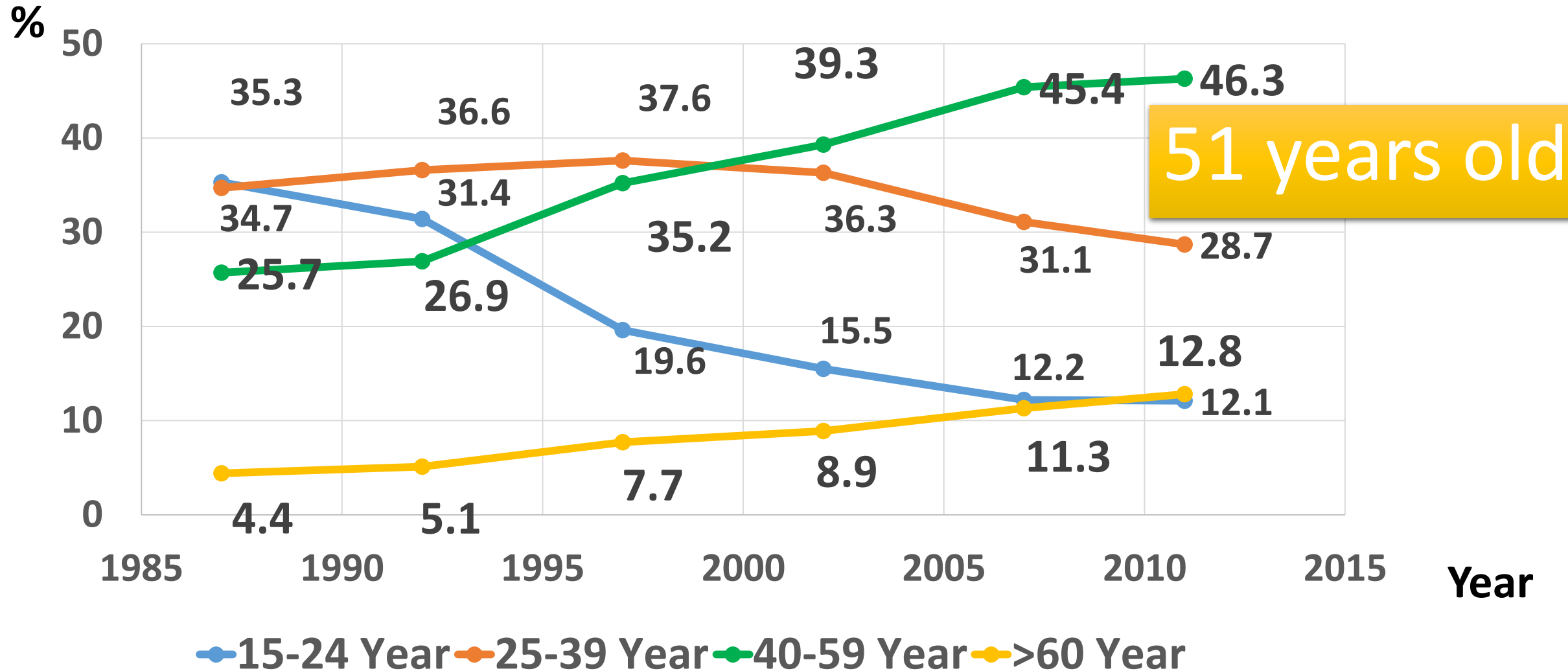




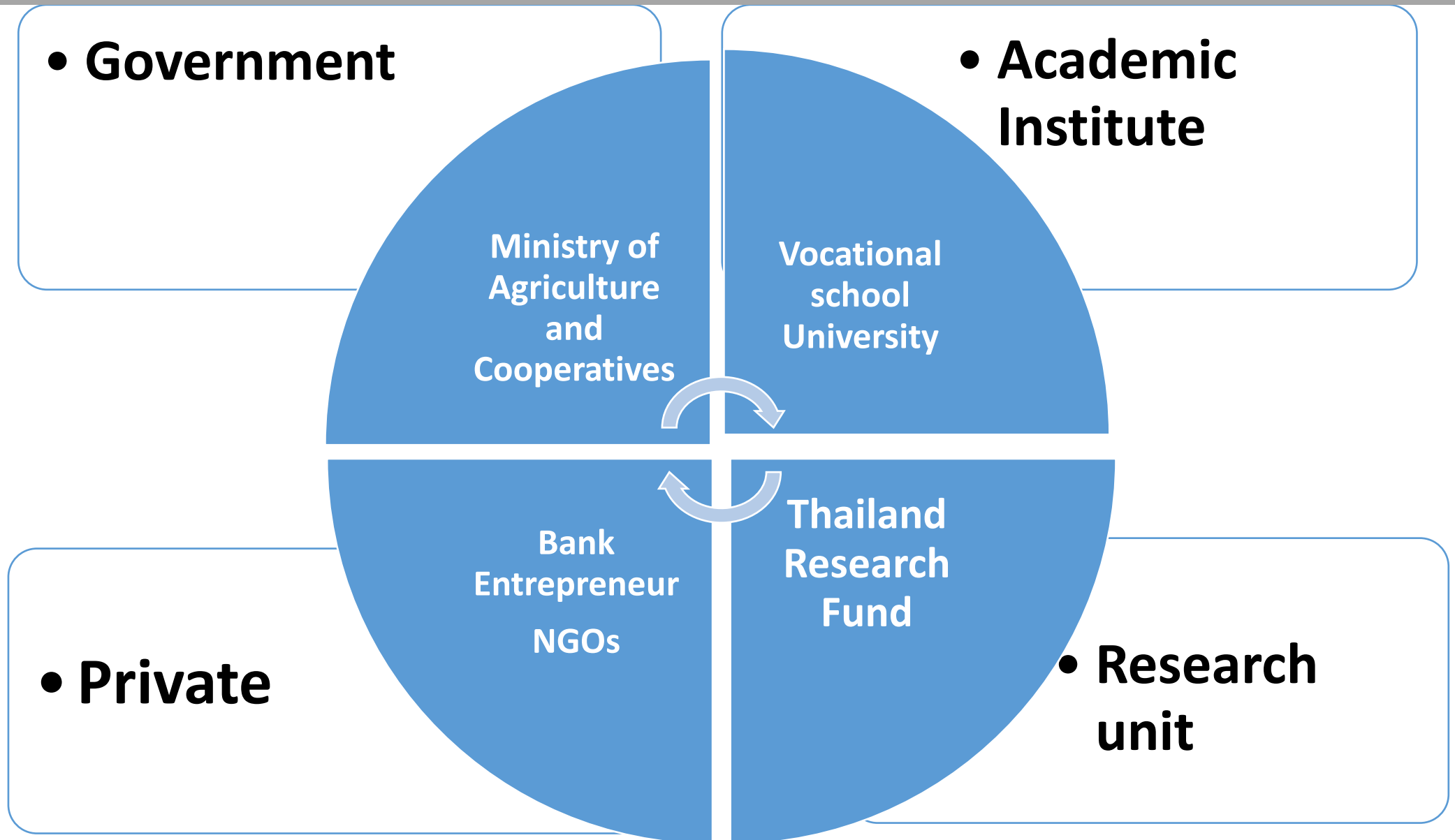
Table 2 The policy related to fostering the young into farming in Thailand

<b>Policy</b>	<b>Related strategies</b>
<b>National Policy (2012-2016)<sup>a</sup></b>	<b>Strengthening of the agricultural sector and security of food and energy</b>
<b>Agricultural development Policy (2012-2016)<sup>b</sup></b>	<b>Promoting better quality of life for farmer</b>

<sup>a</sup> Office of the National Economic and Social Development Board, 2011

<sup>b</sup> Ministry of Agriculture and Cooperatives, 2011

### 3. Roles of public, private sectors and universities in fostering the young into farming



### 1. New Farmer Development Project (2009-)

By: Agricultural Land Reform Office

Joint

- Ministry of Agriculture and Cooperative
- Vocational school
- Bank for Agriculture and Agricultural Co-operatives
- The Thailand Research fund



#### Purpose

- (1) To produce new farmers, to be equipped with theoretical and practical knowledge
- (2) To develop sustainable agriculture and solve problems on lacking of knowledge of farmers

# Courses for New farmer development project

**Short courses  
training for farmer**

- Existing Farmer + New Knowledge, New Skill, new Technology

**Traditional  
Farmer**

**1 year curriculum for  
non-farmer**

- Non-farmer + Farm knowledge + Land-grant + Financial support

**Entrepreneur**

**2,3 year curriculum  
for student**

- Student + Agricultural knowledge + Land-grant + Financial support

Short Course Training	Trainee
New Generation Rice Farmer	4,056
Fishery Cultivation	3,313
New Generation of Livestock Rancher	10,893
Plantation and New Technology	1,270
Household/Farm Accounting	7,276
Improvement of Agricultural Production and Management	3,850
Co-operative business	140
<b>Total</b>	<b>30,798</b>



1 year curriculum for non-farmer

New Generation Farmer

Trainee

4,353



โครงการสร้างและพัฒนาเกษตรกรรุ่นใหม่

หลักสูตรการพัฒนาผู้นำเกษตรกรรุ่นใหม่



รับสมัครผู้สนใจเข้าร่วมโครงการ  
ระยะเวลาฝึกอบรม 6 เดือน

**2,3 year curriculum for student**

**No. Vocational school 19**

**No. Graduated student 1,909**

**Land-Grant (hectare) 347**

**Total budget \$2.2 Million**

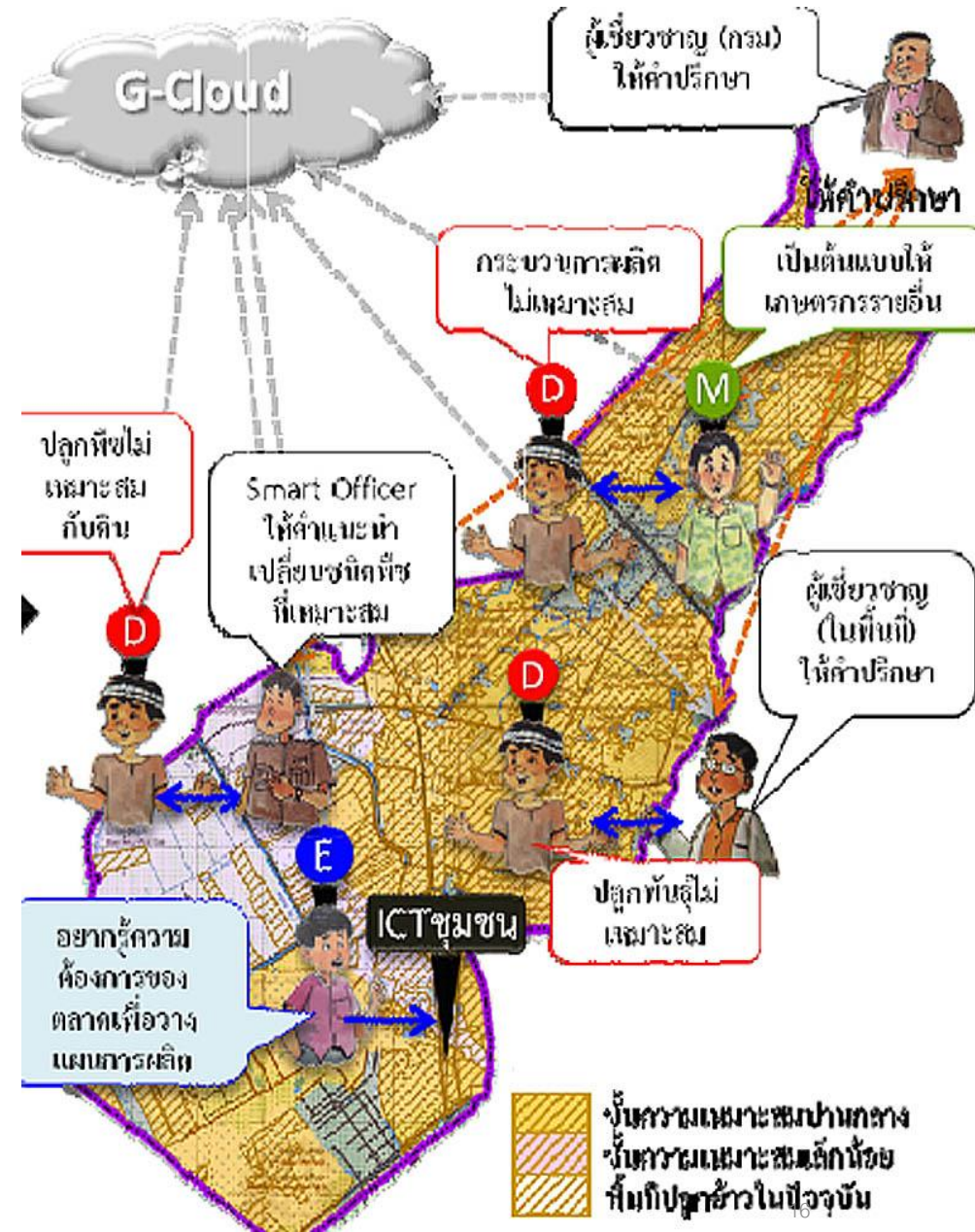


# Smart farmer Smart officer

By: Ministry of Agriculture and Cooperatives

## Objectives

1. To set up online database for officer and farmer
2. To create smart officer as consultancies for smart farmer





# Youth Farm Project

**By: Youth Farm Development Unit, Department of Agricultural Extension**

**Objective: To encourage student to establish farming in their schools  
(primary school, secondary and high school)**



# Social Volunteer Network

**By: Office of His Majesty the King Principal Private Secretary**

## Objectives:

1. To broaden farming perspective for the university student
2. To encourage social volunteering
  - Training course
  - Farming experience
  - Field work in royal project



# Rice camp

**By: Thai Rice Foundation**

**Annual summer camp**

**Objective: To knowledge children in the old traditional way of rice farmer skill  
and new technology**



# Professional Farmers

**By: The Quality Learning Founding**  
Promoting the learning society



**Objective: To encourage children to learn the way of life of farmer**



## 3.2 Roles of private sectors in fostering the young into farming

### Kubota Smart Farmer

By: SIAM KUBOTA Corporation Co., Ltd.



**Objective: To broaden farming perspective for the university student**

<http://www.siamkubota.co.th/kubotasmartfarmercamp2014/index.php>

# Rice Farm learning for Children

**By: Charoen Pokphand Group**



**Objectives: To broaden farming perspective for children**



# Panyapiwat Institute of Management

**By: Charoen Pokphand Group**



## Faculty of Innovative Agricultural Management B.Sc. (Innovative Agricultural Management)

New curriculum (open in 2013)

**Objectives: To produce graduates specialize in agricultural management**

<http://iam.pim.ac.th/th>



**PANYAPIWAT**  
INSTITUTE OF MANAGEMENT  
สถาบันการจัดการปัญญาภิวัฒน์

# Social network activities

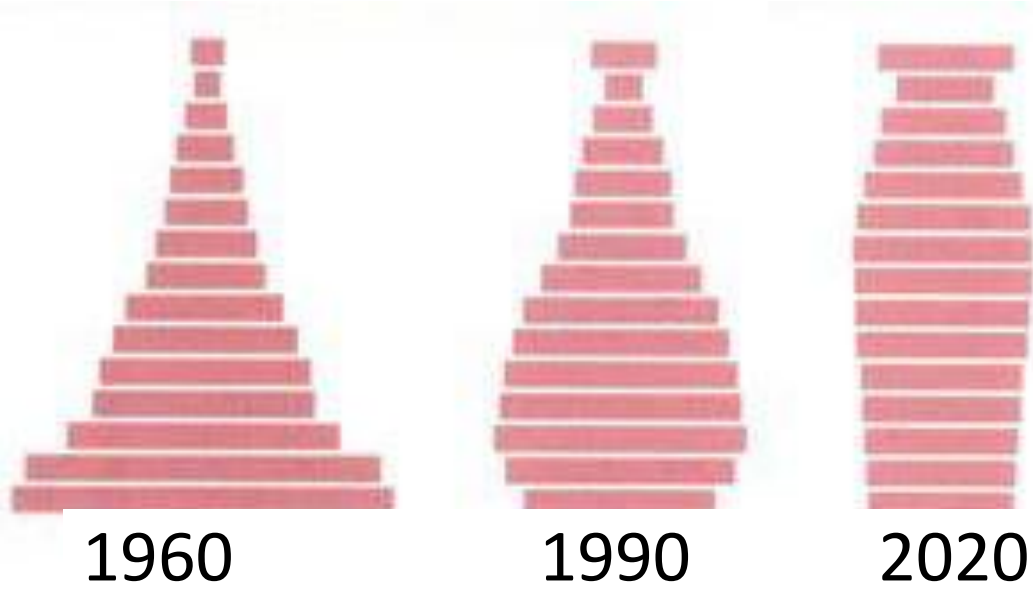
A screenshot of a Facebook post from the page 'ชาวนาน้อย' (Young Smart Farmer). The post features a large group photo of people in a field. The text of the post reads: "ชาวนาน้อย สัญจร☆พันธุ์ดี 1,000 รวง @ แผลงนาโปรแกรมเมอร์ พิจิตร" (Young Smart Farmer Itinerant ☆ Good Variety 1,000 Rangs @ Programmer's Field, Phichit). Below the main text, it says "ตอน: ลงแขกเกี่ยวข้าว พันธุ์ดี 1,000 รวง | เริ่มเวลา 9.00-16.00" (Episode: Harvesting Good Variety 1,000 Rangs | Start Time 9.00-16.00). A smaller image shows a close-up of rice stalks. The post is dated "พฤศจิกายน 19 ตุลาคม 2557" (November 19, October 2557). The page has 63,578 likes and is 7 hours old. The browser's address bar shows the URL: https://th-th.facebook.com/Wec.

A screenshot of a Facebook page for 'change to the best' (เปลี่ยนเพื่อพัฒนาการเกษตร). The page features a large banner with the text "พัฒนา เพื่อพัฒนาการเกษตร" (Develop to Develop Agriculture) and "young smart farmer". Below the banner, there is a logo for the 'เครือข่ายเกษตรกรรุ่นใหม่ภาคตะวันตก' (Young Smart Farmer Network West Region) and the text "เครือข่ายเกษตรกรรุ่นใหม่ภาคตะวันตก องค์กรชุมชน" (Young Smart Farmer Network West Region Community Organization). The page has 358 likes and is 6 hours old. The browser's address bar shows the URL: https://th-th.facebook.com/Khe.

A screenshot of a Facebook post from the page 'เราคือเกษตรกรในพระองค์' (We are Farmers in the King's Service). The post features a photo of a food stall with various items. The text of the post reads: "ผักปลอดสารพิษ... ของผมมีจำหน่ายที่โรงพยาบาลบ้านแพ้วแล้วละครับ บริเวณศูนย์อาหาร ท่านใดรักสุขภาพแถมอยากลดหุ่นได้ละครับ (รับประกันคุณภาพโดยสำนักงานเกษตรจังหวัดสมุทรสาคร)" (Organic vegetables... I have for sale at Ban Pao Hospital now. In the food center area. For those who love health and want to lose weight. (Quality guaranteed by the Provincial Agricultural Office, Samut Sakhon). The page has 63,578 likes and is 7 hours old. The browser's address bar shows the URL: https://th-th.facebook.com/Khe.



# Retiree Movement



## **New curriculum : To produce new generation of agricultural entrepreneurs**

**B.Sc.(Agricultural Resources and  
Production Management)**

**Kasetsart University  
(since 2012)**

**B.A. (Agricultural Resources  
Administration)**

**Chulalongkorn University  
(since 2012)**

**B.A. (Cultural Landscape  
Management)**

**Mahidol University  
(will open in 2015)**

# My Little Farm Project

By: Kasetsart University  
Kantana Group, Farm Chanel

## Reality farming contest

Objective: To motivate pupil to be a new generation farmer



## 3.4 Roles of Research sectors in fostering the young into farming



National Research Council of Thailand



Thailand Research Fund



National Science and Development Agency



Agricultural Research Development Agency

# Challenges : Entry young generation into farming in Thailand

## Still need:

- Promoting program
- Knowledge transfer

## Need More:

- Capacity building in Cluster, Cooperatives
- Fair trade for agricultural product

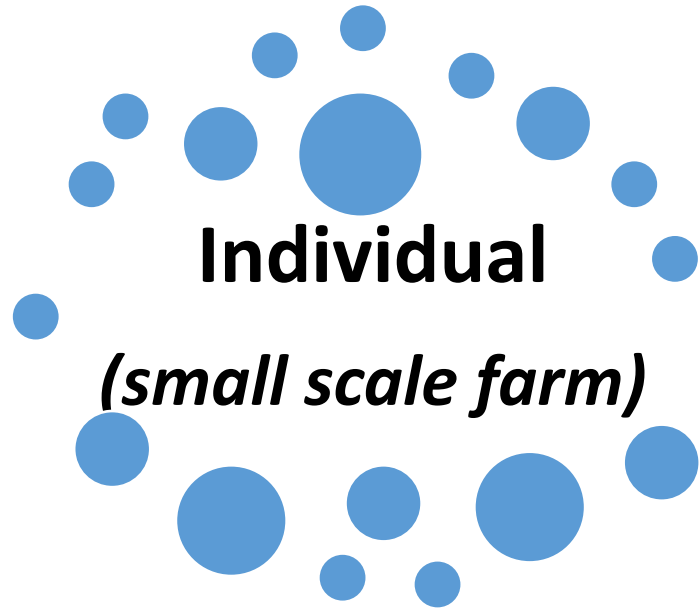
# Cluster model



## Need Shared Value

- Share Resources
- Share cost
- Increase purchasing power

# Individual model



**Need knowledge transfer**

**- Intensive agriculture**

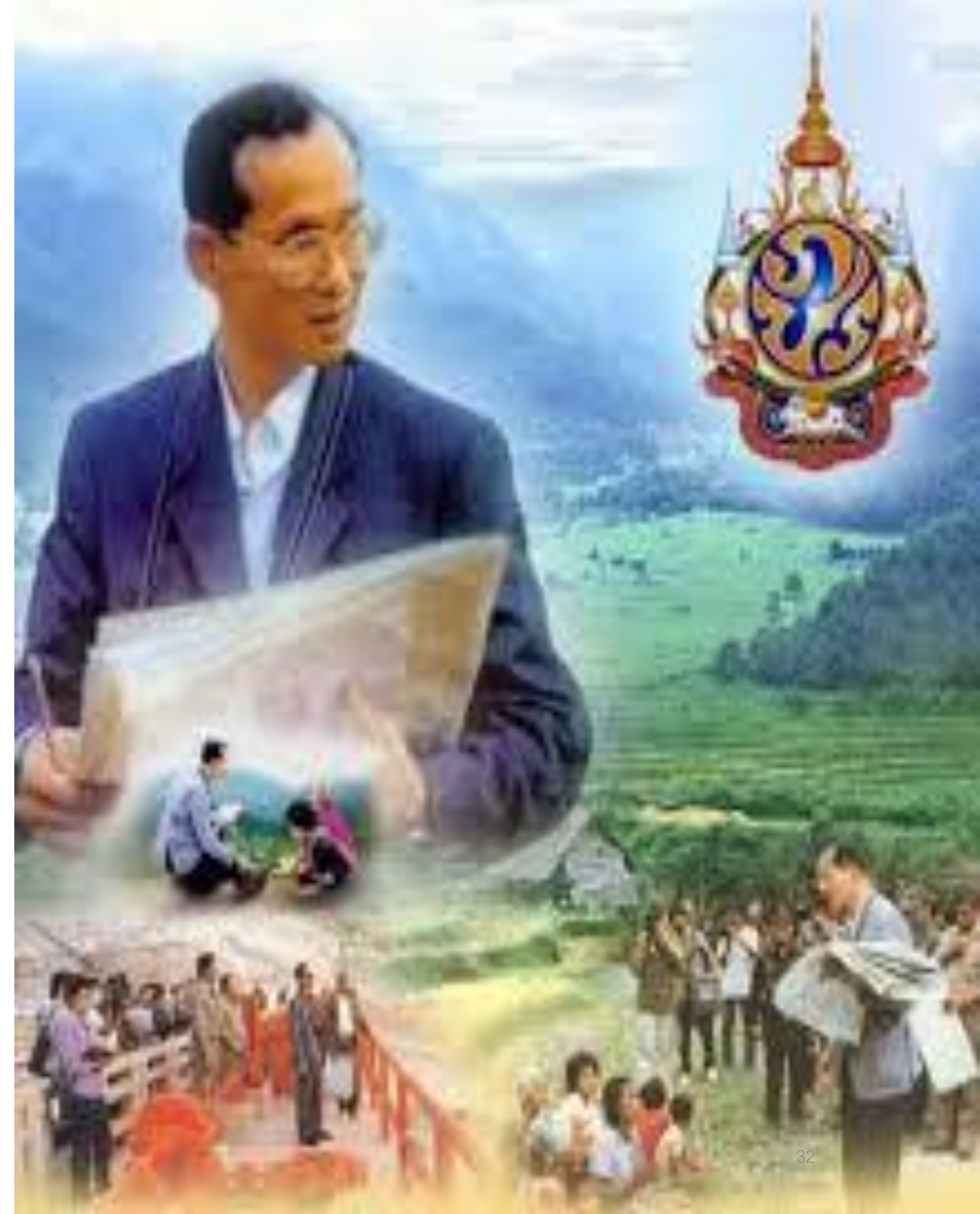
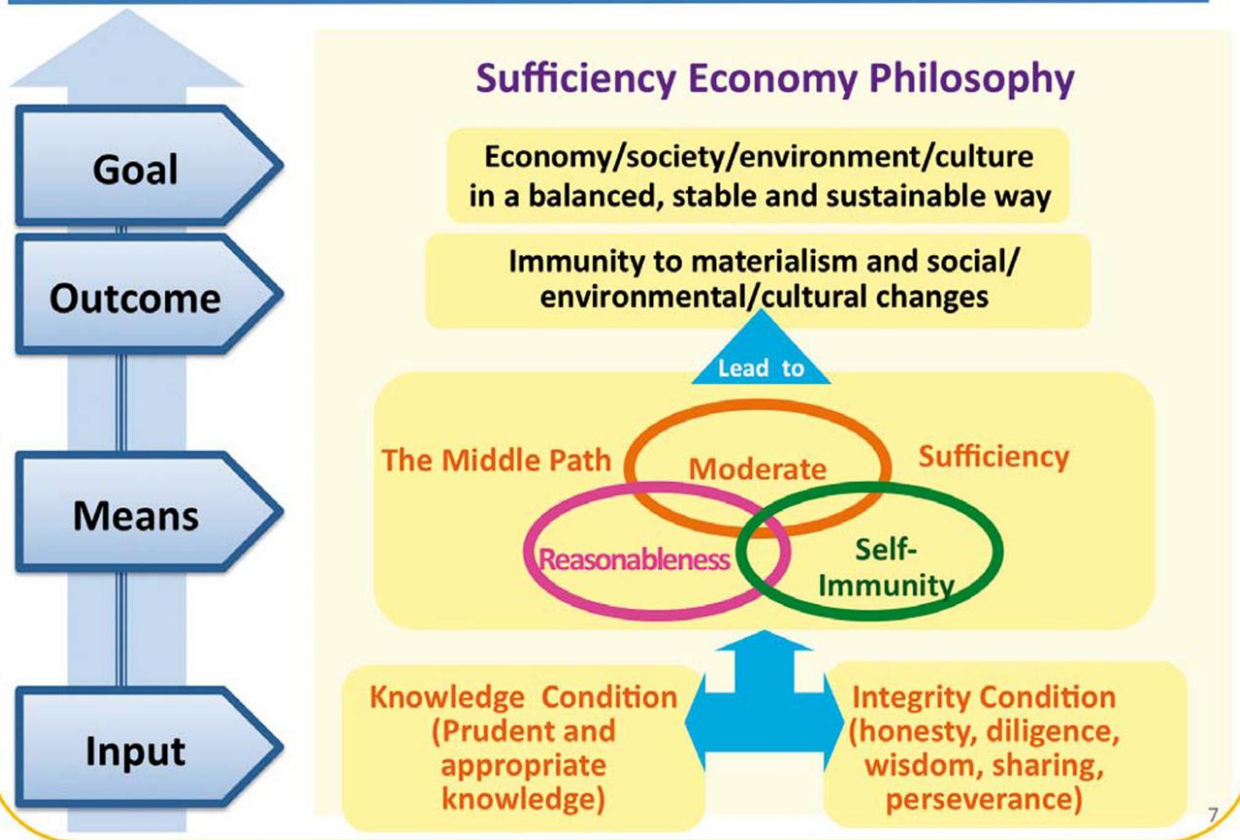
**(Maximize yield-Minimize Cost)**

**Government**

# Sufficiency economic

## *King Bhumibol Adulyadej*

### Sufficiency Economy Philosophy: Composition





# Acknowledgements

- 1. Rural Development Administration**
- 2. Food and Fertilizer Technology Center**
- 3. Dr. Chan-Ik Chun, Director of Food and Fertilizer Technology Center**
- 4. Kasetsrsart University, Thailand**
- 5. Associate Prof. Dr. Siree Chaiseri, Vice President of Kasetsart University**

**Thank you**





# ปรัชญาของเศรษฐกิจพอเพียง

ทางสายกลาง



ความรู้

รอบรู้ รอบคอบ ระมัดระวัง

คุณธรรม

ซื่อสัตย์สุจริต ขยันอดทน สติปัญญา แบ่งปัน

นำไปสู่

เศรษฐกิจ/สังคม/สิ่งแวดล้อม/วัฒนธรรม

สมดุล/พร้อมรับการเปลี่ยนแปลง