



**Asia-Pacific  
Economic Cooperation**

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**2017/SCSC/FSCF/EM/017**

Day 2 Session 1

## **Food Control System in Thailand: Current Situation and Challenges for Food Safety Modernization or Enhancement**

Submitted by: Thailand



**First Expert Meeting on Trade Facilitation Through  
an APEC Framework on Food Safety  
Modernisation**

**Ha Noi, Viet Nam**

**15-17 November 2017**

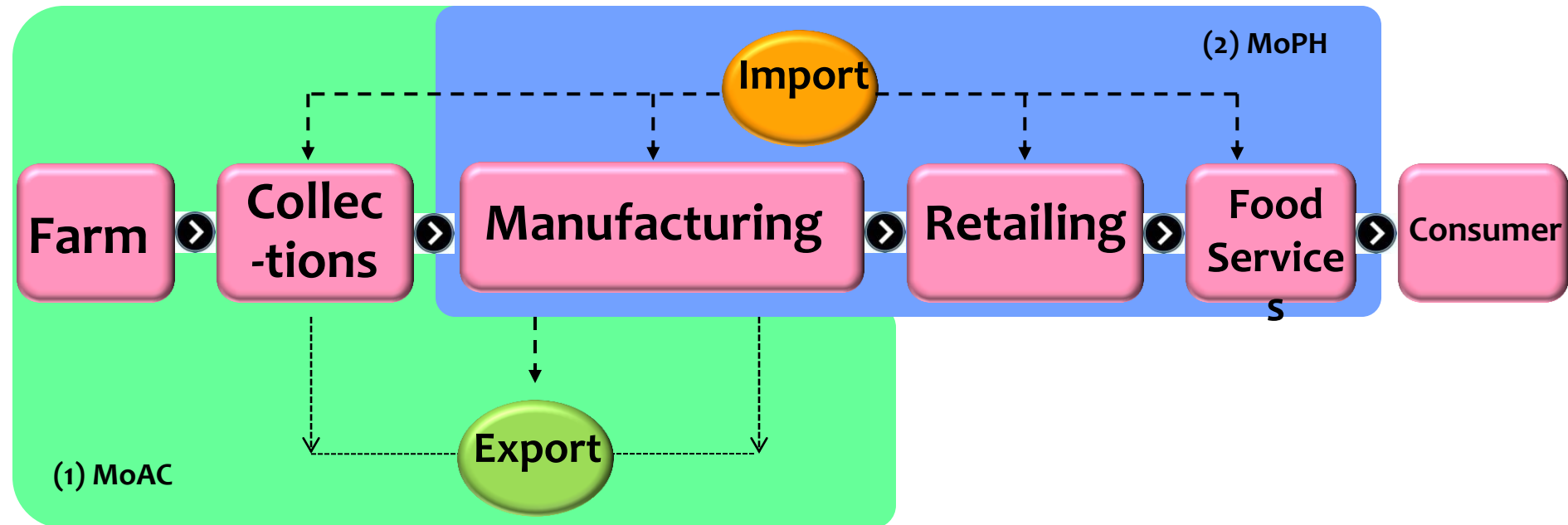
# Food Control system in Thailand

Current Situation & Challenges  
for food safety modernisation or enhancement

# Outline

- ❑ Food Control System in Thailand
- ❑ Challenges to food safety modernisation or enhancement
- ❑ Way out and next steps

# Keys Agencies for Food Control in Thailand



Note:

**(1) MoAC: Ministry of Agriculture and Cooperatives which include ACFS, DLD, DOA, DOAE, DF and RD**

ACFS: The National Bureau of Agricultural Commodity and Food Standards, DLD: Department of Livestock, DOA: Department of Agriculture, DOAE: Department of Agricultural Extension, DF: Department of Fishery, RD: Rice Department

**(2) MoPH: Ministry of Public Health which include FDA, DMS, DH and Provincial Health Office**


FDA: Food and Drug Administration, DMS: Department of Medical Science, DH: Department of Health, DCD: Department of Disease Control

# Food Control system in Thailand

In lined with

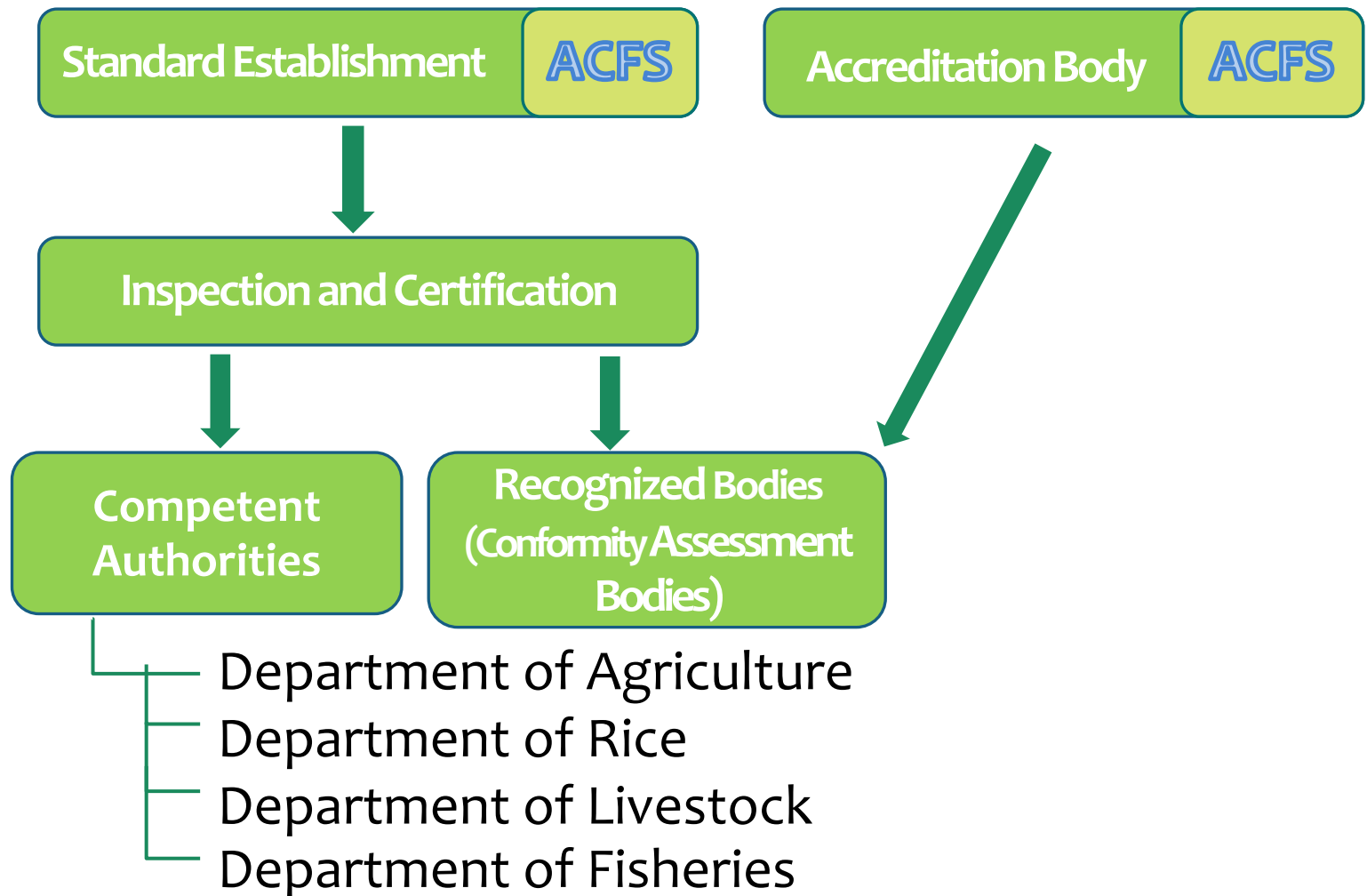


## 5 Elements of a National Food Control System

- (a) Food Law and Regulations
  - (b) Food Control Management
  - (c) Inspection Services
  - (d) Laboratory Services: Food Monitoring and Epidemiological Data
  - (e) Information, Education, Communication and Training
- 

Ref: FAO, Assuring Food Safety and Quality Guidelines for Strengthening National Food Control System

# Thai Agricultural Standards - Standard Setting



# Thai Agricultural Standards- Types



**VOLUNTARY** standard : a standard as determined by the **Notification** for the promotion of agricultural standards



**MANDATORY** standard : a standard as determined by **Ministerial Regulation** with which agricultural commodity shall comply

**“Q” Mark for “Quality & Safety”**

# Voluntary TAS

## Thai Agricultural Standards 264

### Commodity 97

- Standard of Thai Hom Mali / Aromatic Rice (TAS 4000 - 2017)

### General / Safety 39

- Pesticide Residues: Maximum Residue Limits (TAS 9002 - 2008)
- Assessment of Possible Allergenicity (TAS 9011 - 2006)

### System 128

- Organic Agriculture Standard (TAS 9000 Part 1 - 2009)
- GAP for Milk Collection Center (TAS 6401 - 2015)
- Principles for Establishment of Compartmentalization for Livestock (TAS 9038 - 2010)



# Mandatory TAS

## Commodity standards:

### TAS 4702-2014

PEANUT KERNEL: MAXIMUM  
LEVEL OF AFLATOXIN



## Production system standards:

### TAS 1004-2014

CODE OF PRACTICE FOR  
SULPHUR DIOXIDE  
FUMIGATION  
OF FRESH FRUITS

### TAS 7432-2015

GOOD AQUACULTURE PRACTICES  
FOR HATCHERY OF DISEASE FREE  
PACIFIC WHITE SHRIMP  
(*Litopenaeus vannamei*)

### TAS 6401-2015

GOOD MANUFACTURING  
PRACTICES FOR MILK  
COLLECTION CENTER

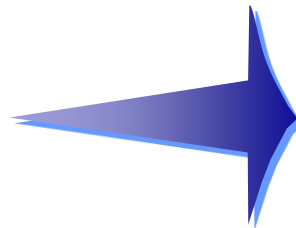
### TAS 9406-2017

GOOD MANUFACTURING  
PRACTICES FOR  
FROZEN DURIAN

# Food Act B.E. 2522 (1979)



Food Act B.E. 2522



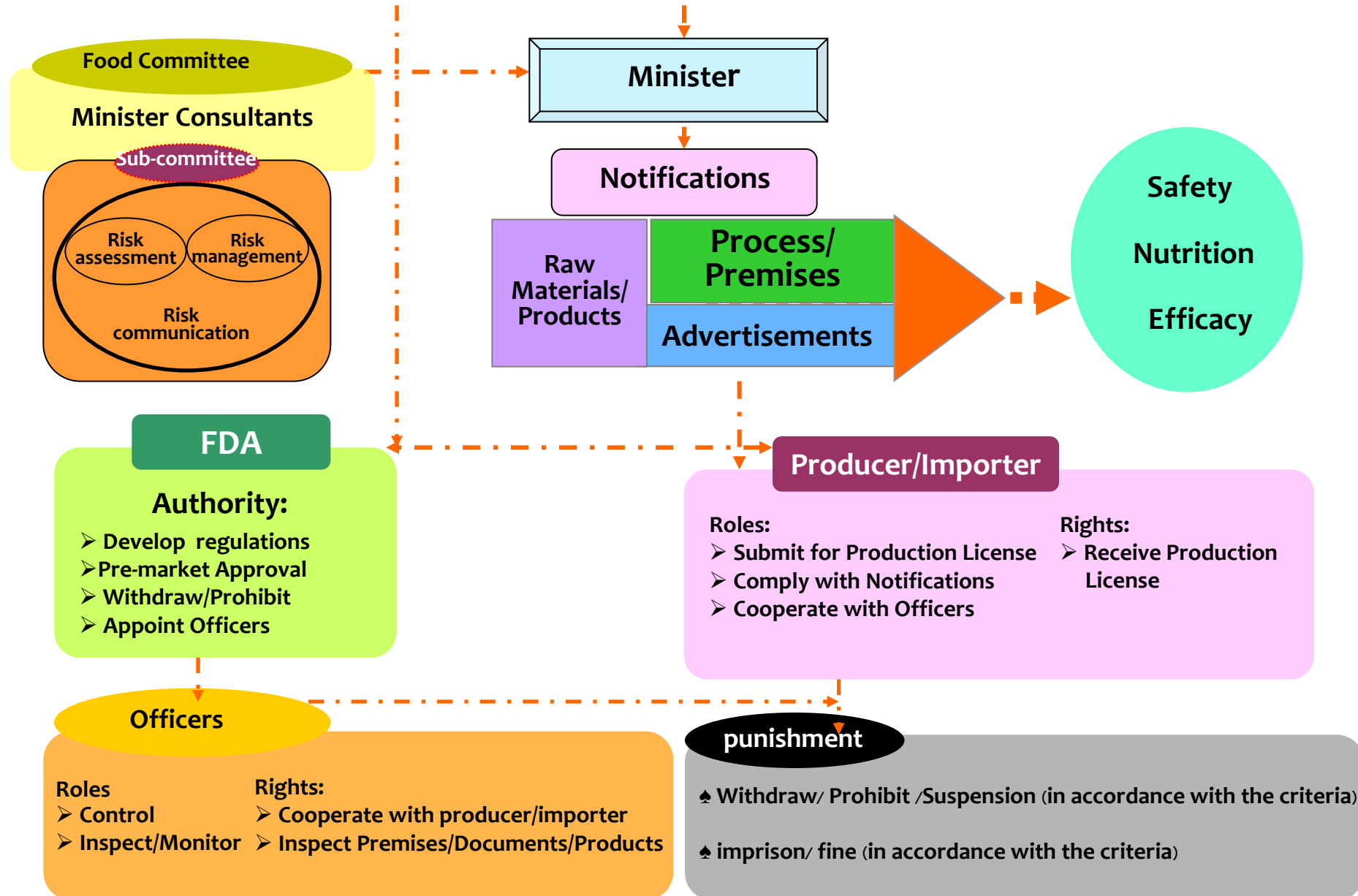
## Regulations & Enforcement

**Thai Food and Drug Administration  
(Thai FDA)**

- *Safety*
- *Quality*

**Vision:** To become an internationally recognized regulatory authority in overseeing health product quality, safety and effectiveness for the purpose of public health protection.

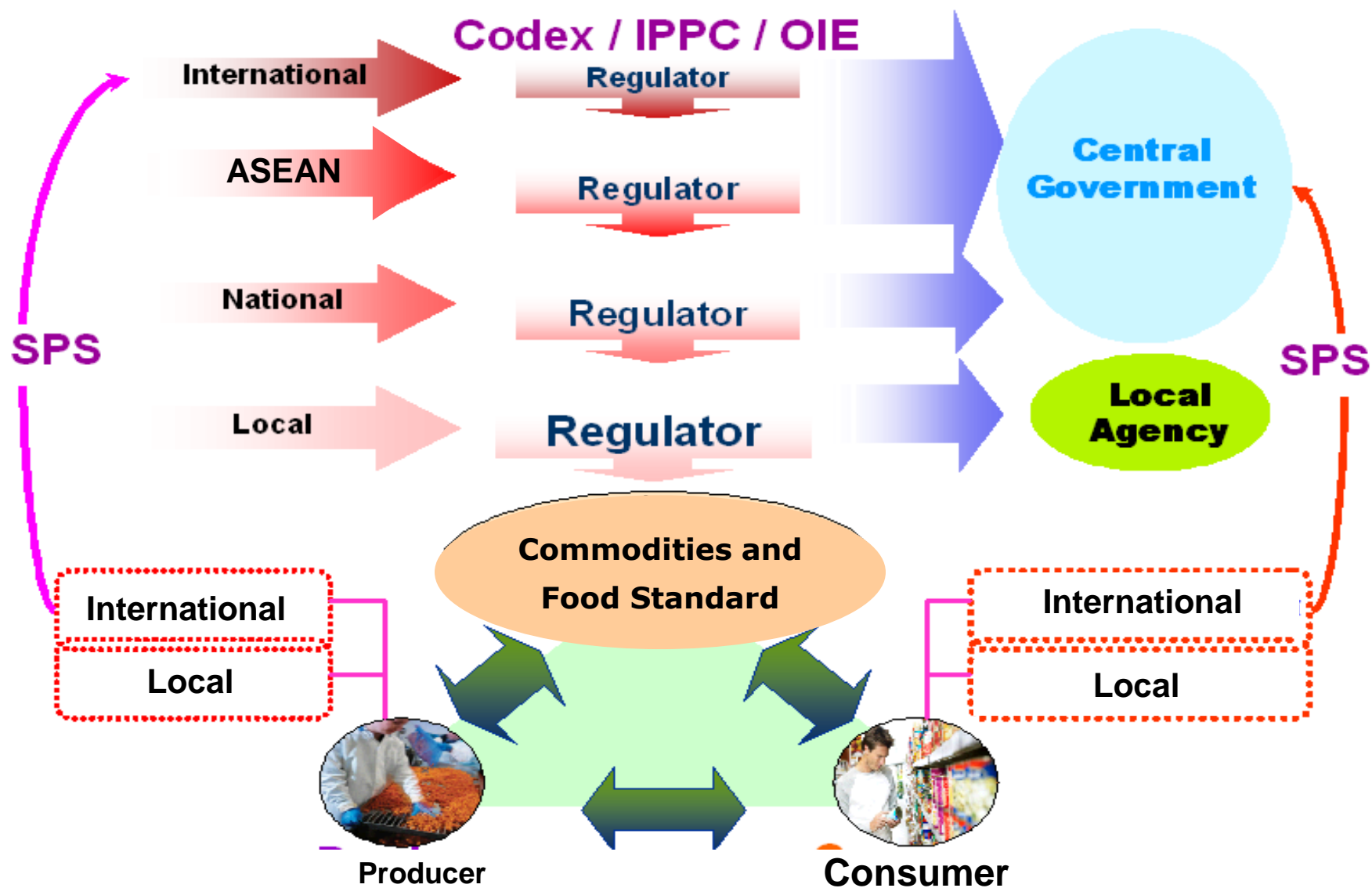
# Food Act B.E. 2522 (1979)



# Roles and Responsibilities of Thai FDA

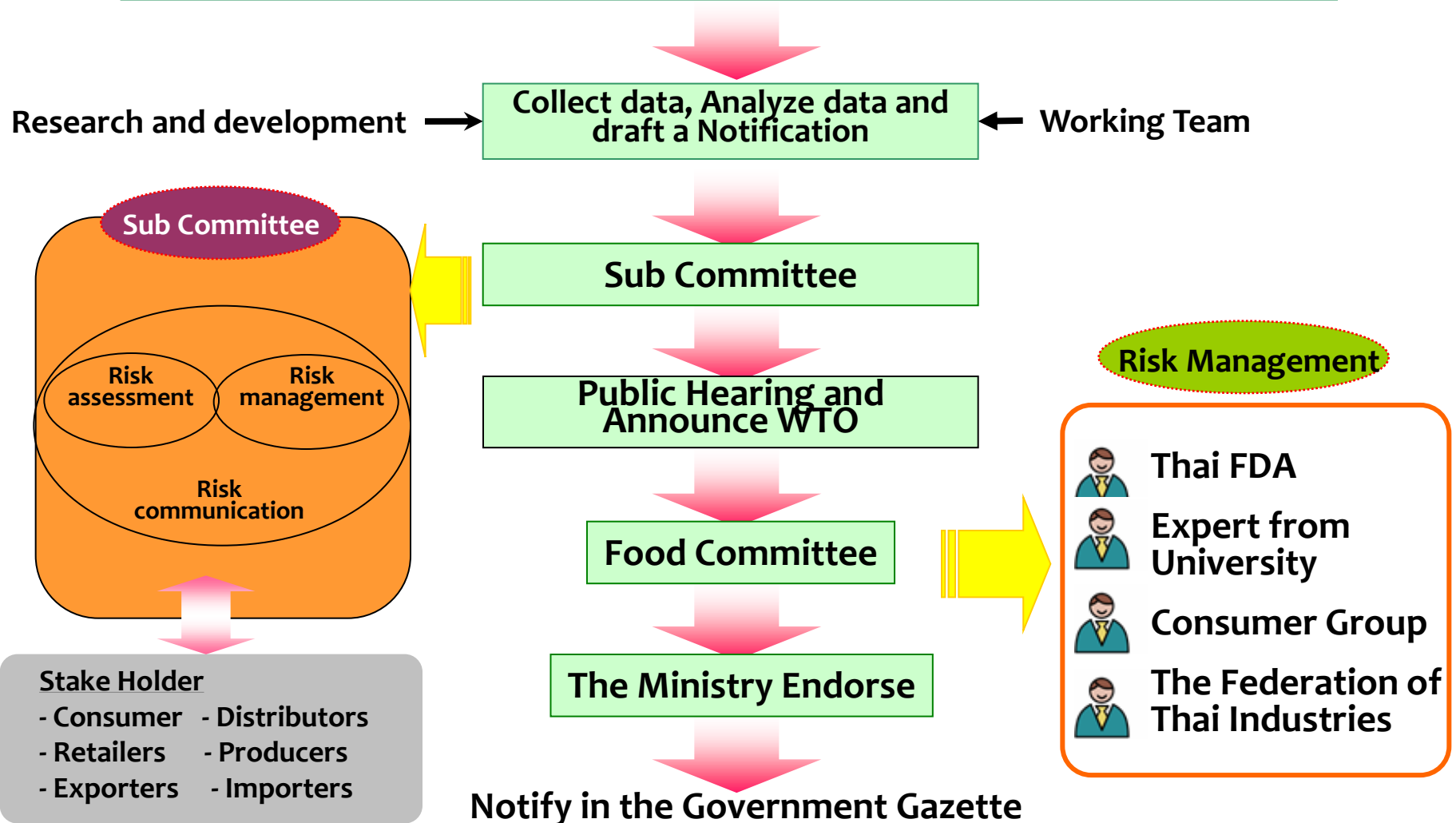


# International Food Standard Approach



# Regulation Process of Thai FDA

Problem of Illness/ Standard of International trade/Public Concern Issue



# Notification of Ministry of Public Health (Regulatory Requirements)

## Product

### Safety

- physical
- chemical
- microbial
- packaging
- storage condition

### Efficacy

- Identity
- Nutrition

### Labelling

- General Labelling
- Nutrition Labelling

## Premises

General GMP

Specific GMP

HACCP

## Advertisement

Not Falsifying

Not Misleading

Not Allow Medicinal  
Claim

# Notification of Ministry of Public Health (Regulatory Requirements)

## Vertical (Products)

Cow's milk

Vinegar

Fats and Oils

Cheeses

Sauces

Chewing gums and candies

Jam, Jelly, and marmalade

Supplementary  
food for infants and  
young children

Ice-cream

Mineral  
water

Coffee

Dietary  
Supplement



## Horizontal (Every product)

Microorganism

Mycotoxin

Food Additives

Standard of contaminants

Packages

Labeling

Pesticides Residues

GMP

Nutrition Labeling

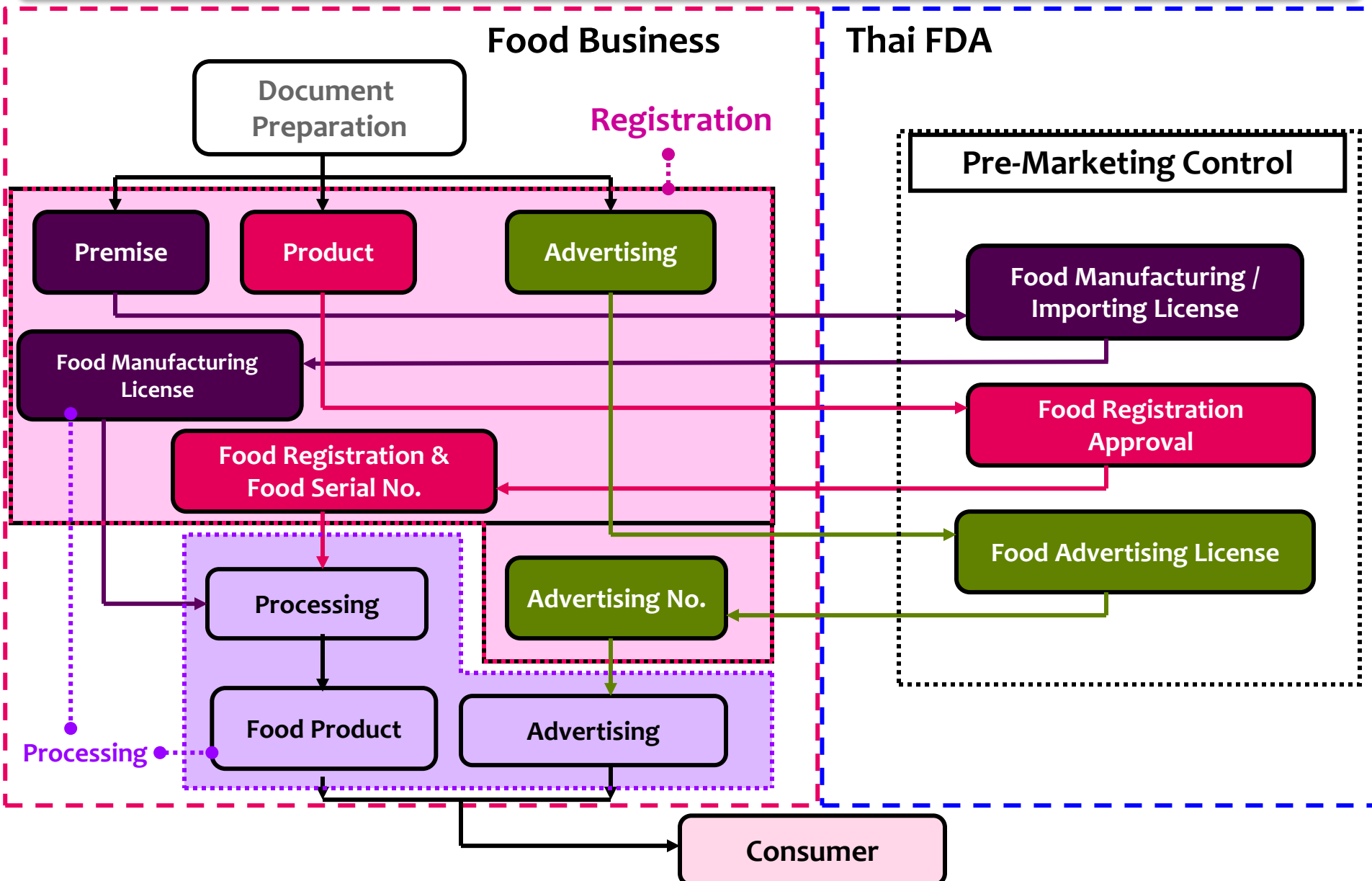
Veterinary Drugs Residues



# Roles and Responsibilities of Thai FDA

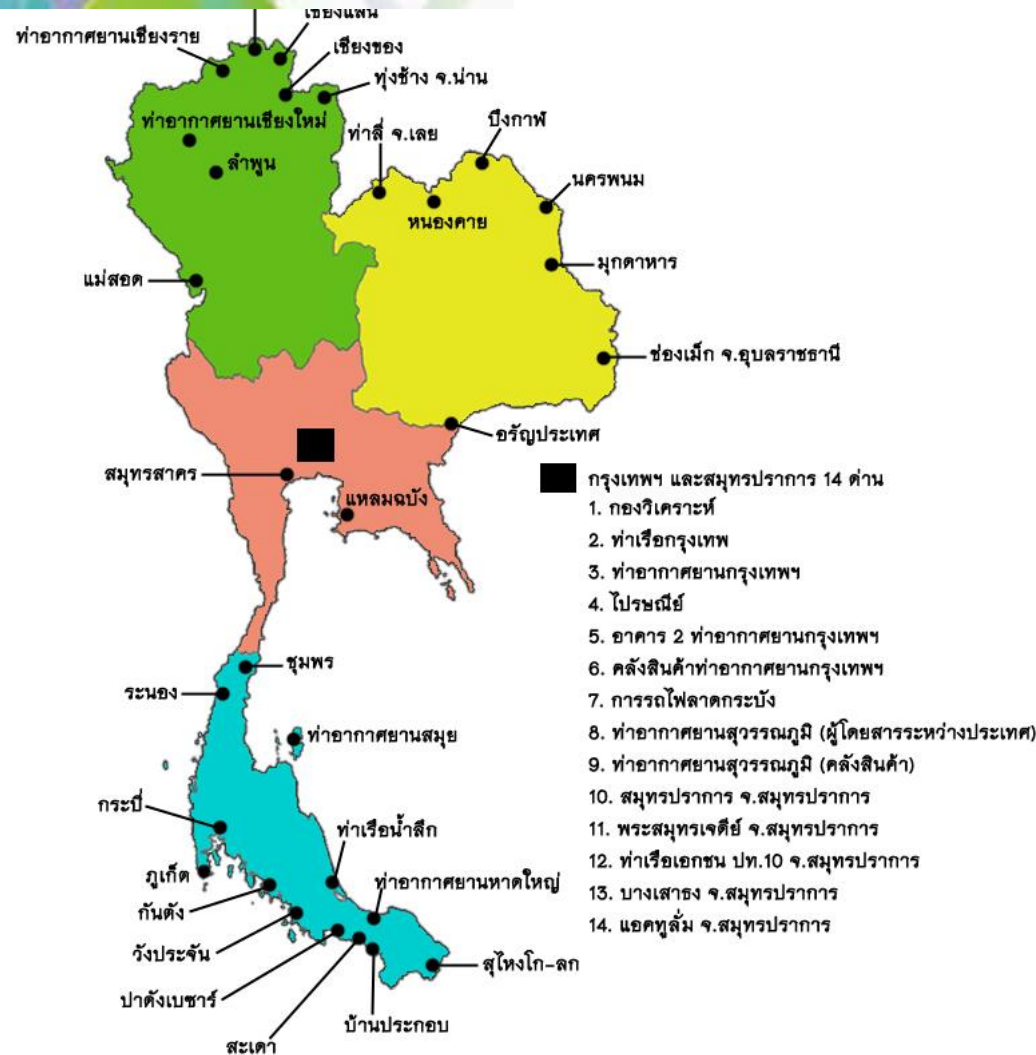


# Pre-marketing control



# Roles and Responsibilities of Thai FDA

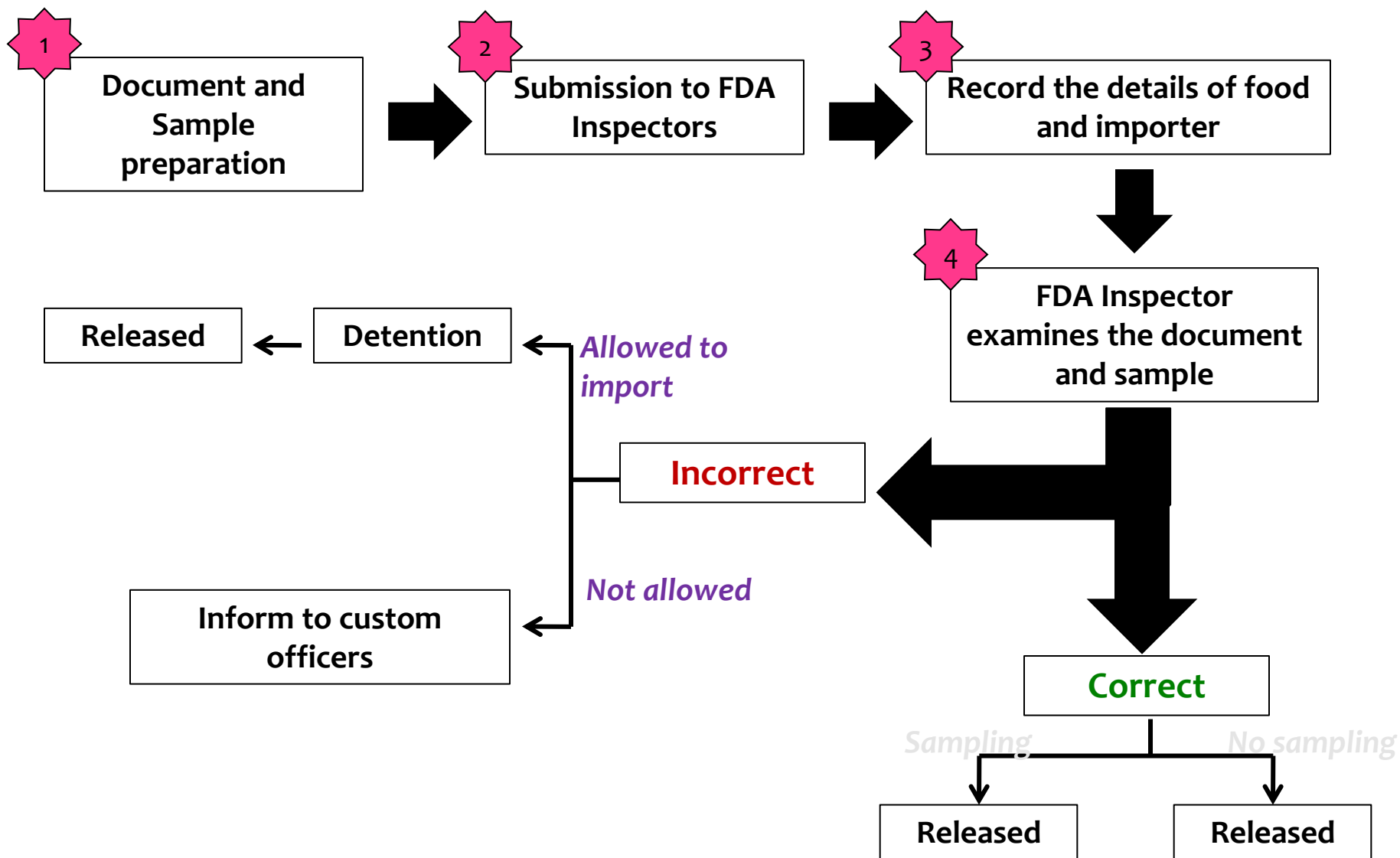




## Food and Drug Borders: 19 ports

- Samut Sakhon Province
- Chiang Mai International Airport
- Mae Sot District, Tak Province
- Lamphun Province
- Thung Chang District, Nan Province
- Nakhon Phanom Province
- Mukdahan Province
- Nong Khai Province
- Bueng Kan Province
- Tha Li District, Loei Province
- Chong Mek Border, Ubon Ratchathani Province
- Aranyaprathet District, Sa Kaeo Province
- Chumphon Province
- Kantang District, Trang Province
- Ranong Province
- Su-ngai Kolok District, Narathiwat Province
- Wang Prachan Border, Satun Province
- Krabi International Airport
- Samui International Airport

# Process of import food inspection



# Roles and Responsibilities of Thai FDA



# Activities on Post-Marketing Control

## Food Products Surveillance

- Scope:
- Food Products Surveillance from distributor/wholesaler/retailer/grocery/supermarket

## Inspection & Investigation

- Scope:
- Inspection & investigation of premises
    - Routine
    - Complaint
    - Emergency
    - Extent factory license
  - Primary survey project

## Evidence & Legal consideration

- Scope:
- consideration evidence for taking legal Action
  - Keeping All evidence and filing History until the end of procedure

## Monitoring advertisement

- Scope:
- Proving Food Advertising information from Several media:
    - TV
    - Radio
    - Magazine
    - others
  - Take legal action for compliant case



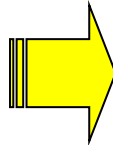
# Law Enforcement

Follow to the Food Act B.E. 2522 (1979):

## Criteria

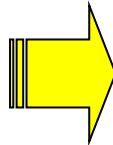
No one may produce, import for sale or distribute the following foods:

(1) Impure Food  
(section 26)



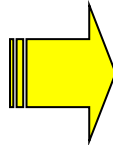
(1) Imprisonment of not more than 2 years  
and a fine of not more than 20,000 Baht or both

(2) Adulterated Food



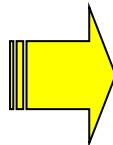
(2) Imprisonment of 6 months - 10 years  
and a fine of 5,000 - 10,000 Baht

(3) Substandard Food



(3) Fine of not more than 50,000 Baht

(4) other food which  
Specified by the Minister



(4) Imprisonment of not more than 5 years  
and a fine of not more than 50,000 Baht or both

## Punishment



# Consumer Complaint System

## Surveillance

News, Journals,  
Magazines

Radio

TV

Internet

## Complaint service

Telephone,  
letters

Internet

Walk-in



Officers

## GOAL:

- No illegal health products
- Consumers are aware of appropriate health products (including food) consumption

## Consumer Complaint Service Center

Surveillance

Complaint



Office of Health Consumer  
Protection Development

PR/ Press

Product division

Police  
Cooperative

Enforcement Unit  
committee

Experts/ Product  
Division/ Provincial  
Public Health Office

Responsibilities  
Health product safety  
corrective measures

## Responsibilities

1. Complaint Service Center
2. Cooperation between Product Division and Enforcement Unit
3. Consumer communication
4. Surveillance data analysis

# Roles and Responsibilities of Thai FDA

1. Legislation  
(Notifications of Ministry of Public Health)



2. Pre-Marketing Control



3. Importing Control



4. Post-Marketing Control  
Monitoring  
Inspection & Surveillance



5. Knowledge  
Dissemination



6. Consumer Education



# Consumer Training and Education



- Increase Consumer Knowledge and Awareness of Food Safety
- Collaborate with Academics and Related Agencies to Research and Publish Education Procedures

**Tools : Leaflets, Handbook, VCD Movie, Song, Roll up, Game Show, Website, TV program, social media (facebook, youtube) etc.**





# Mobile Unit For Food Safety



25 Branch offices

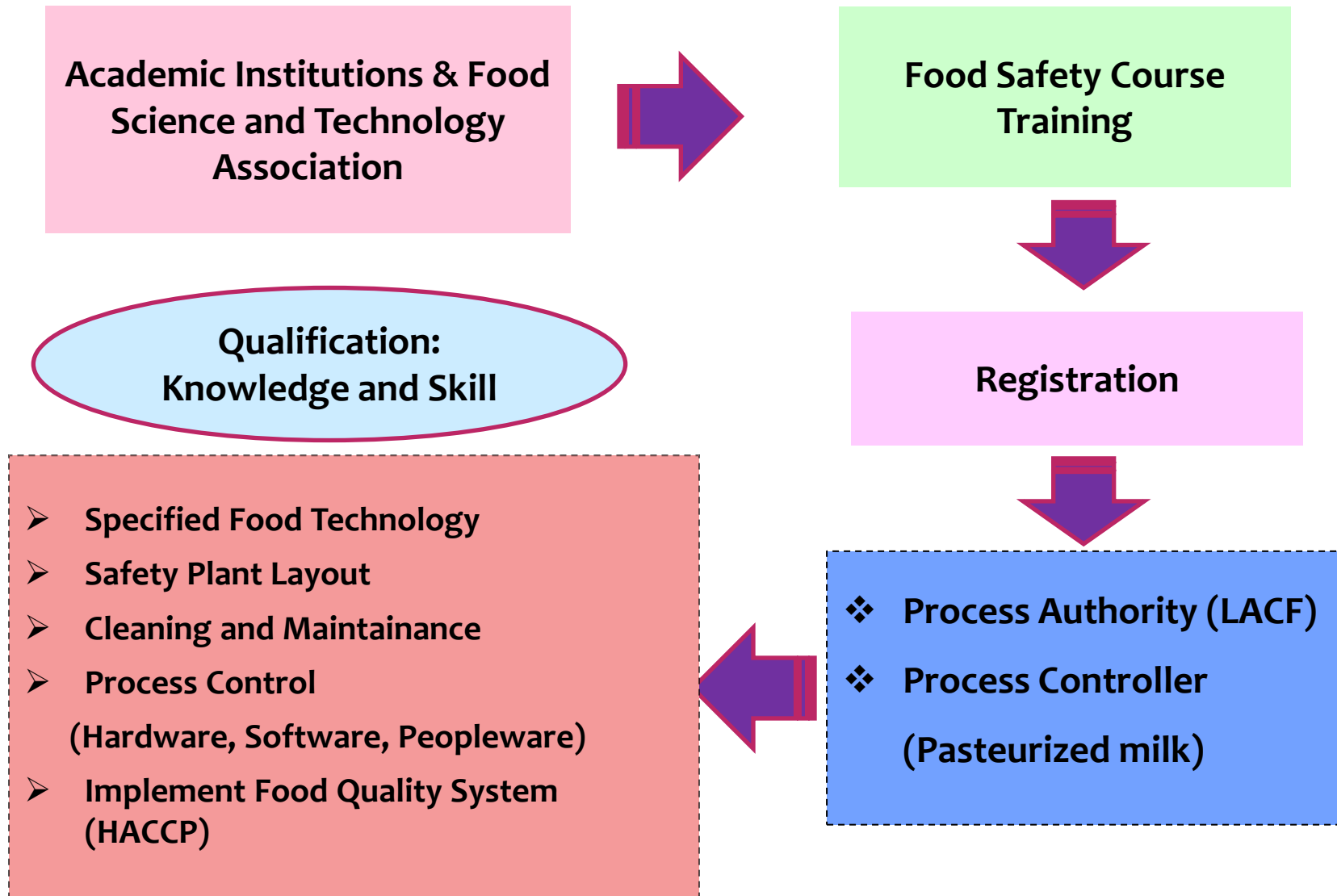


Research &  
Development

Empowerment

● Officer ● Manufacturer ● Consumer

# Training and Education for Food Business



# Outline

- ❑ Food Control System in Thailand

- ❑ Challenges to food safety modernisation or enhancement

- ❑ Way out and next steps

# Challenges

## *1. Free movement of goods including foods based on trade agreements*

- Bilateral agreements : Thai – Japan, Thai – Australia, Thai- New Zealand, etc.
- Multilateral agreements : ASEAN , ASEAN plus, APEC ,etc.
- International agreements: WTO SPS-TBT agreements

## *2. Complexity of food supply chain*

- New ingredients / products never been used for human consumption
- Difficulties in inspection, traceability, and investigation, if it is harm to consumer.

## *3. Multi-agencies involved in national food control system*

- Difficulties in cooperation, especially in case of routine monitoring & Surveillance

# Outline

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# Way out & next steps

## 1. *Close collaboration*

- National level: developing integrated food policy under National Food Committee Act 2008
- Trade partners: developing technical working groups

## 2. *Enhance effective measures for consumer protection*

- Scientific-based submission for pre-market approval with more transparent procedures (Public manuals / Regulations publication in English version)
- Develop risk-based monitoring and inspection programme
- IT application for product registration (E-submission / National Single Window for custom)

## 3. *Strengthen capacity buildings of stakeholders in food chain approach*

- Food Business operators : food regulations (GMP/Products/Advertisements)
- Competent authorities (monitoring and inspection techniques)
- Consumer awareness (Mobile application)



# Thank You for Your Attention

acfs-eupol@hotmail.com  
food@fda.moph.go.th