




The veterinary control system of Thailand: state, provincial and private business responsibilities on animal disease control

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OUTLINE

- Veterinary services in Thailand
 - DLD veterinary laboratory network
 - Animal disease control
 - Public-Private Partnership
- 
- The slide features decorative floral graphics in the background. There are three stylized white flowers with yellow centers and stems, each with several yellow leaves. The flowers are positioned in the lower half of the slide, with one on the left, one in the center, and one on the right. The overall aesthetic is clean and professional.



*Organization of Department of Livestock Development
(National Veterinary Authority)*

Ministry of Agriculture and Cooperatives



Government

Bureau of Secretary to the Minister
Office of the Permanent Secretary
for Agricultural and Cooperatives
Rice Department
Royal Irrigation Department
Cooperative Auditing Department
Department of Fisheries
Department of Livestock Development
Land Development Department
Department of Agriculture
Department of Agricultural Extension
Cooperative Promotion Department
The Queen Sirikit Department of Sericulture
Agricultural Land Reform Office
National Bureau of Agricultural
Commodity and Food Standards
Office of Agricultural Economics

State Enterprise

Marketing Organization
of Farmers
Fish Marketing Organization
Dairy Farming Promotion
Organization of Thailand
Rubber Estate Organization
Office of the Rubber
Replanting Aid Fund

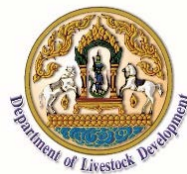
Public Organization

Agricultural Research
Development Agency
High Land Research
Development Institute
The Golden Jubilee
Agricultural Museum





Mission of DLD



- To prevent, control, and eradicate animal diseases;
- To enhance and increase animal products in terms of variety, quantity, and quality to meet the national and international standards;
- To encourage scientific studies and research on animal production, animal health, food safety and animal welfare;
- To enforce and regulate laws and regulating to livestock industries.

Our vision

DLD is a leading organization on livestock development which is driving livestock products of Thailand to the global market



OUR CORE VALUE

I²-SMART (Innovation, Integration, Standard, Mastery, Agility, Responsibility, Teamwork)

The DLD Executive Management



Director General
Dr. Sorravis Thaneto



Deputy DG
Mr. Veerachat Kheunrat

Cluster:
Administration



Deputy DG
Mr. Ampan Velutanti

Cluster:
Animal Production
and Biotechnology



Deputy DG
Dr. Somchuan
Ratanamungklanon

Cluster:
Food Safety

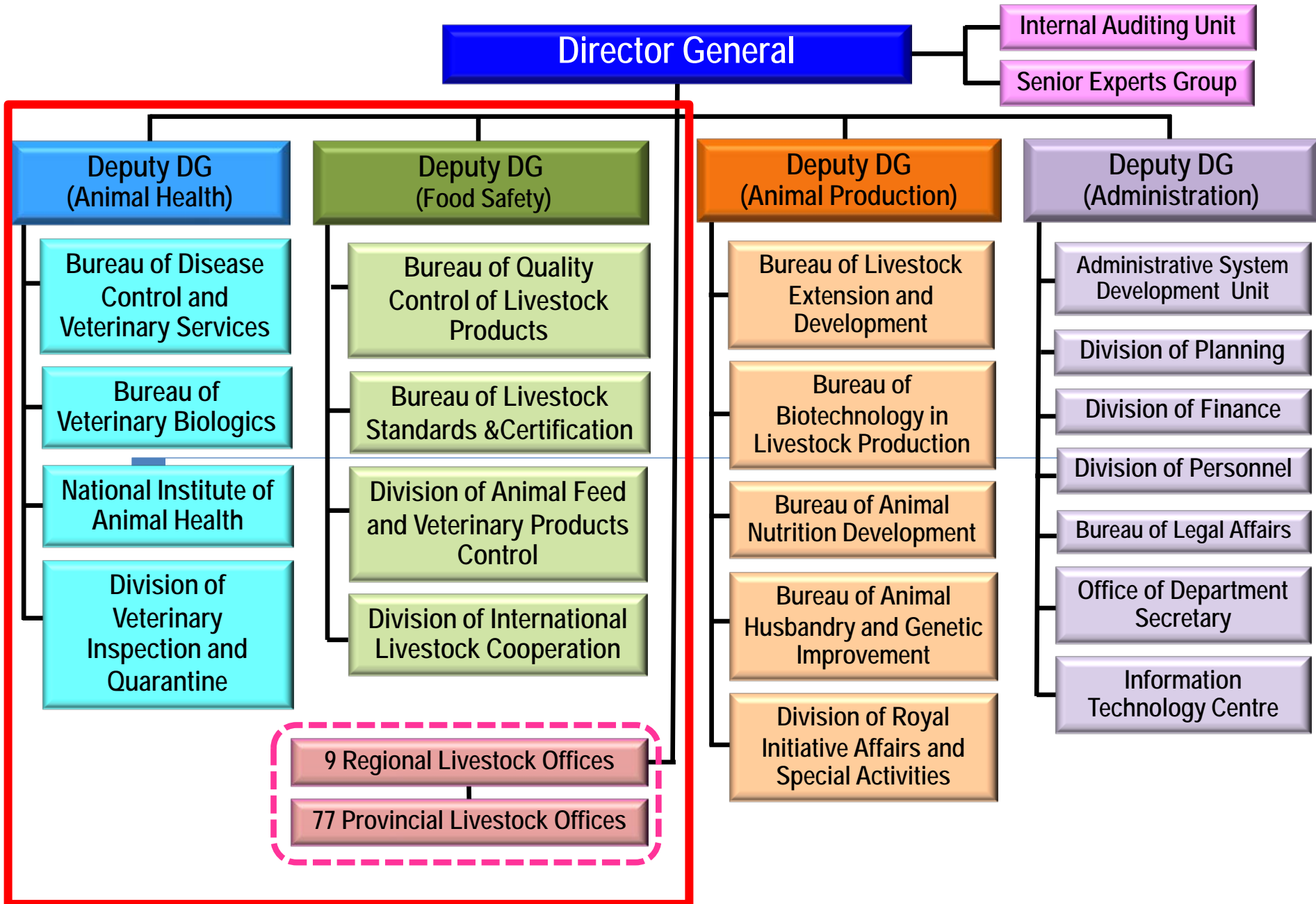


Deputy DG
Dr. Cheerasak
Pipatpongsoon

Cluster:
Animal Health

21 Directors at the DLD Headquarter and
9 Directors at Regional Livestock Offices

Organization Chart of Department of Livestock Development



Livestock Administrative Regions in Thailand



9 Regions



77 Provinces



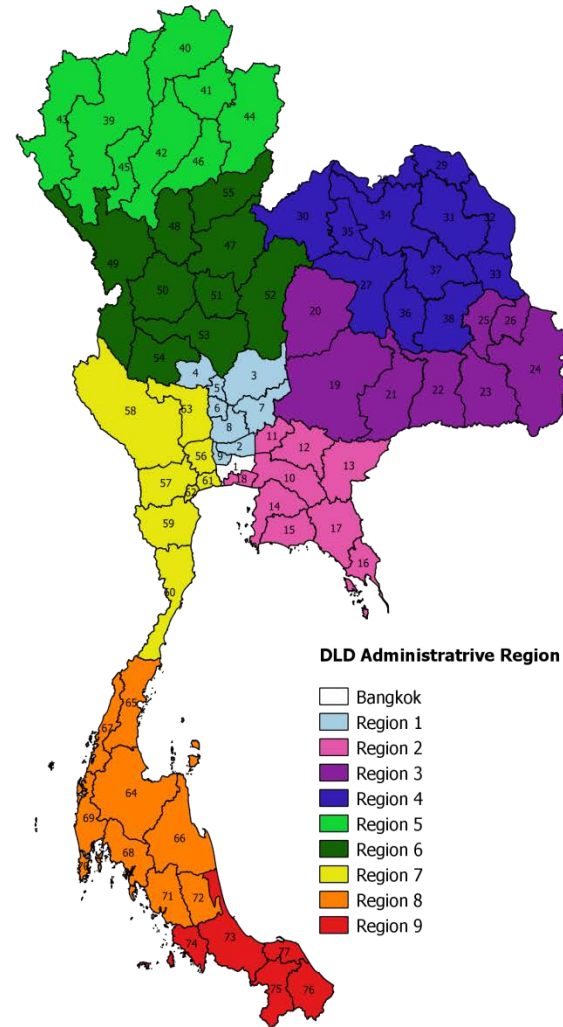
946 Districts
(884 District Livestock Offices)



7,800 Subdistricts
(2,073 Subdistrict Livestock Assistants)



~30,000 Villages
(Livestock volunteers)



Laws on animal health and veterinary public health controls



- ❑ Animal Epidemics Act B.E. 2558 (2015)
- ❑ Animal Feed Quality Control Act B. E. 2558 (2015)
- ❑ Animal Slaughter Control for Sale Act B.E.2559 (2016)
- ❑ Cruelty Prevention and Welfare of Animal Act B. E. 2557 (2014)
- ❑ Veterinary Clinic Act B.E. 2557 (2014)
- ❑ Rabies Act B.E. 2535 (1992)
- ❑ Veterinary Profession Act B.E. 2545 (2002)



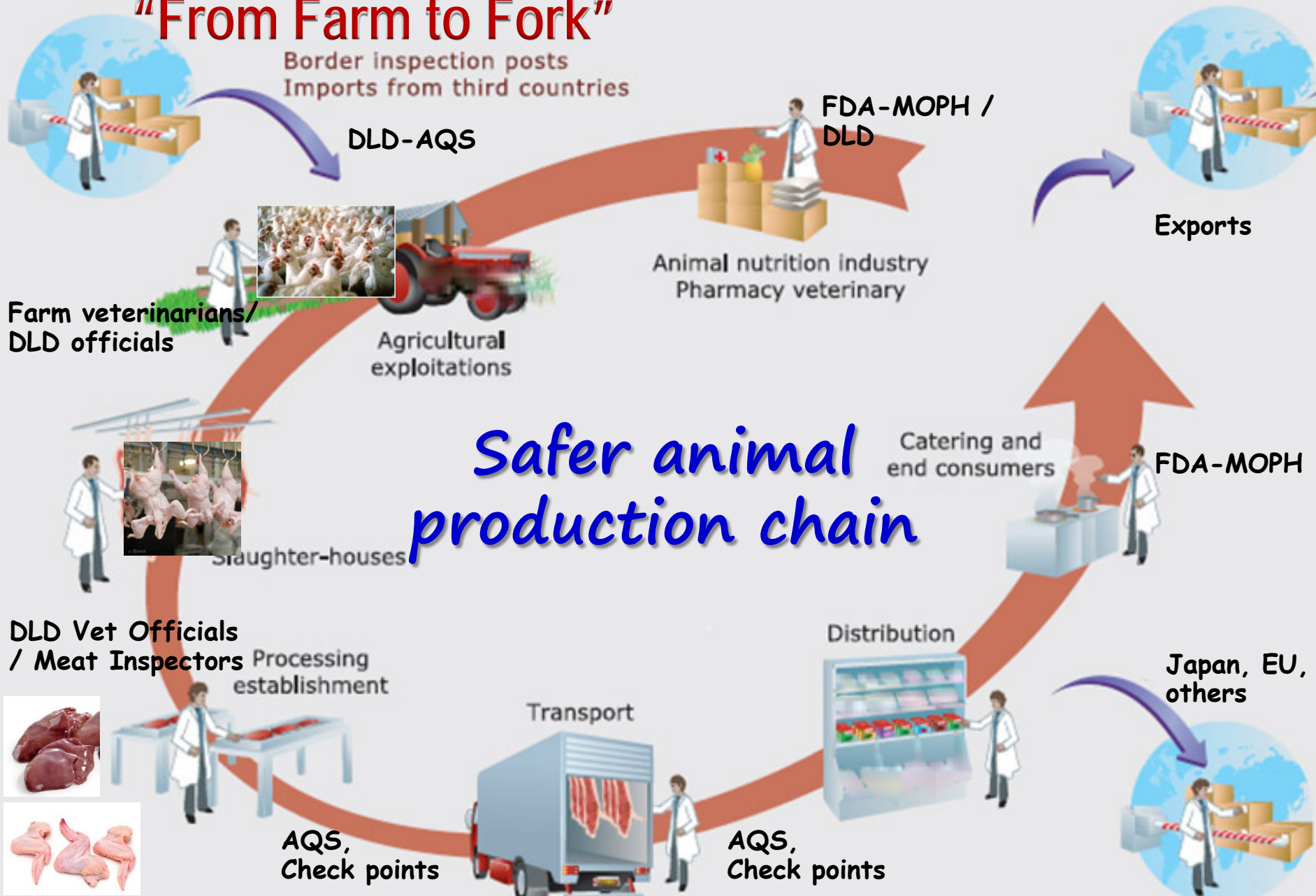
Other related laws on food safety and environment



- Drug Act B.E. 2510 (1967) and its revision B.E. 2530 (1987)
- Food Act B.E. 2522 (1997)
- Hazardous Substance Act B.E. 2535 (1992)
- Agricultural Standards Act B.E. 2551 (2008)
- National Environmental Quality Act B.E. 2535 (1992)

Animal Health and Safety Scheme

"From Farm to Fork"





Oie

**International standards
(OIE, CODEX)**

*Standards
of our
products*

FAO/WHO Food Standards

CODEX alimentarius



International Organization for Standardization

**Importing countries' regulations / requirements
(EU, Japan, and etc)**



International Labour Organization



Good Labour Practices



National regulations

(Animal Health, Food, Drug, Feed, Agricultural Standard and related laws)



กรมสวัสดิการและคุ้มครองแรงงาน
Department of Labour Protection and Welfare





DLD Veterinary Laboratory Network



★ = National Institute of Animal Health (NIAH)

● = 8 Regional Veterinary Research and Development Centers (VRDCs)

■ = OIE Regional Reference Laboratory for FMD (RRL)

■ = Veterinary Biologics Assay Center (VBAD)

★ Livestock Product Quality Control Laboratory

OIE Reference Laboratory for FMD and Brucellosis



National Institute of Animal Health (NIAH)



OIE Reference Laboratory and OIE Collaborating Center

Bureau of Quality Control of Livestock Products (BQCLP)

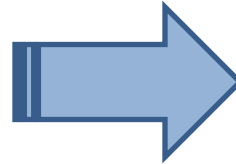


ASEAN Reference Laboratory for Residues

Laboratory Quality Assurance System

Testing laboratory

Calibration laboratory



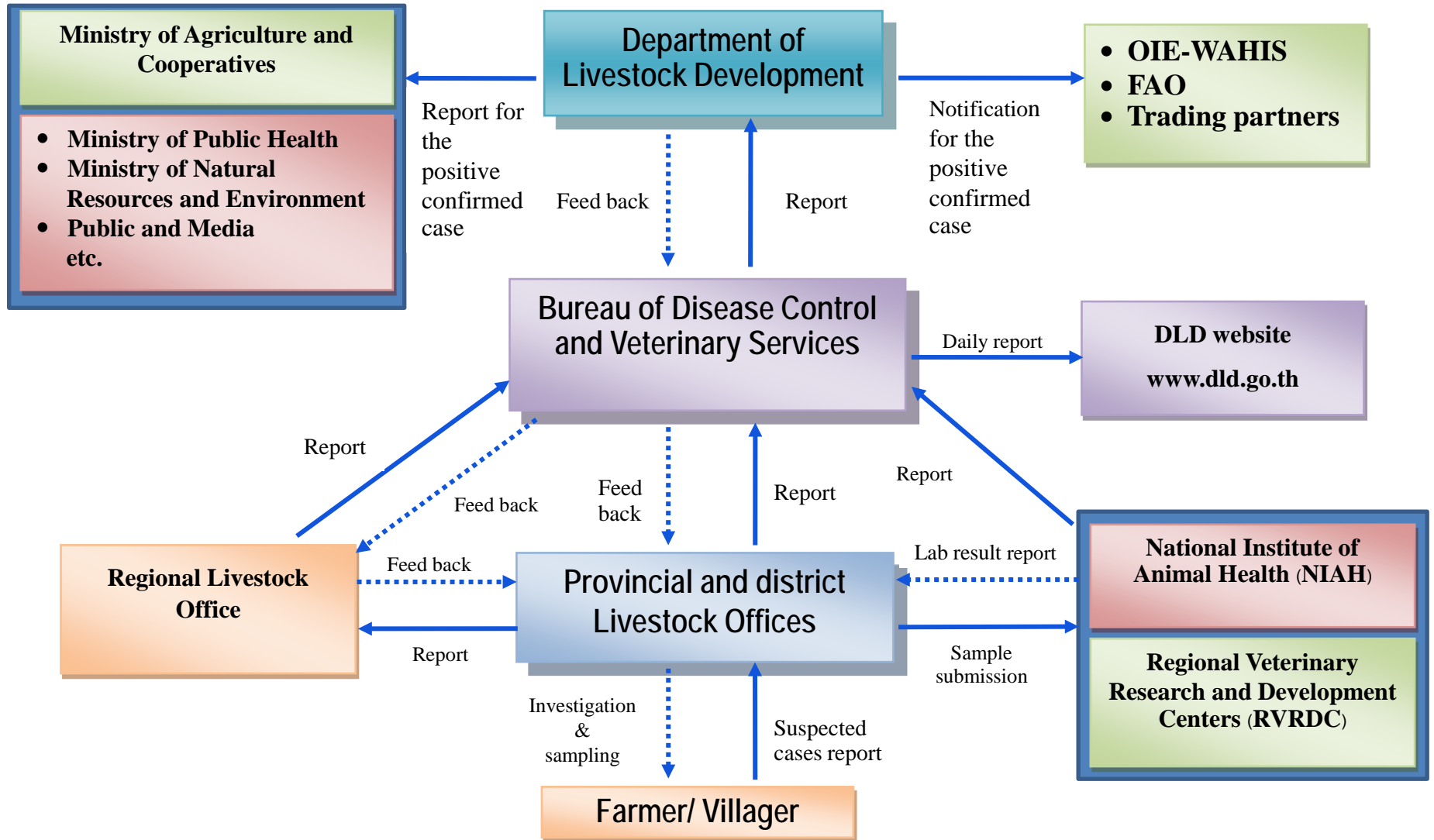
ISO/IEC 17025 Accredited

Laboratory operation comply with ISO/IEC 17025:2005.

Application for Certification of competences Laboratories from accreditation body.



Animal Disease Reporting System



Animal Disease Control Measures

- Movement restriction
 - Proclamation of outbreak
 - Order to isolate infected premises
 - Order to quarantine susceptible animals in the farms
 - Checkpoint setup (operate 24 hours until the end of the outbreak)
- Early detection, investigation and report
- Disinfection by disinfectants in outbreak areas
- Vaccination in non-infected areas before the regular period
- Outbreak response, Public awareness and education



OUTBREAK RESPONSE

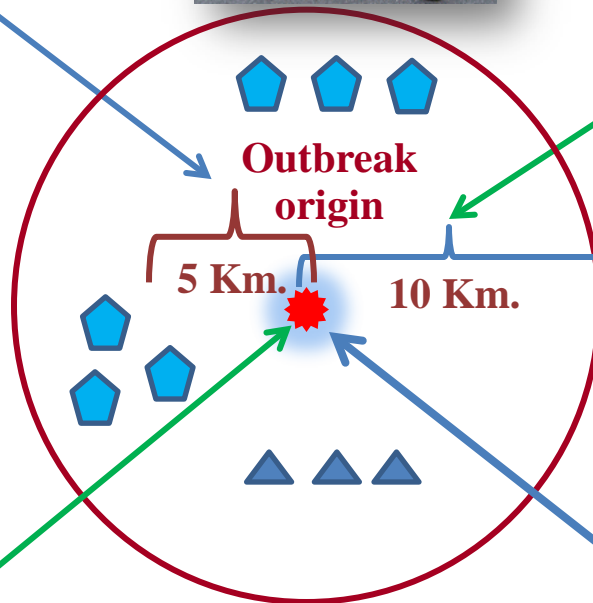
Control Zone

Laboratory surveillance was conducted in every villages located in 5 Km. radius of the outbreak origin.



Surveillance Zone

Clinical surveillance was conducted in every villages located in 10 Km. radius of the outbreak origin.



Surveillance Zone

Quarantine and animal movement control within 10 km of the outbreak origin



Restocking after 90 days of stamping-out the last animals and disinfecting completion



Priority Diseases



Zoonoses

Brucellosis, Tuberculosis, Anthrax, Rabies, Melioidosis

Non-zoonoses

Foot and Mouth Disease, Hemorrhagic Septicemia, Black Leg, Paratuberculosis, Caprine Athritis and Encephalomyelitis, Swine Fever, PRRS, Procine Epidemic Diarrhea

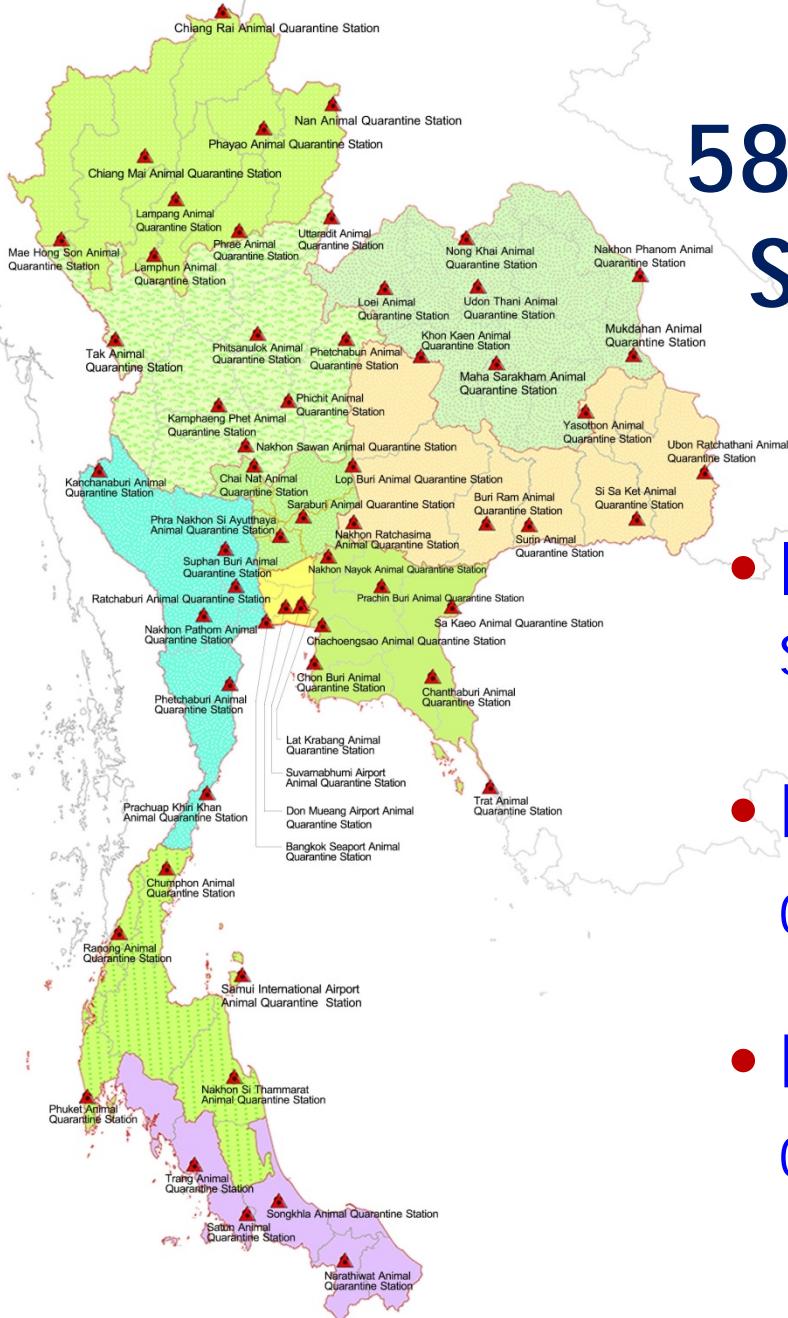
Exotic Diseases

Avian Influenza, Newcastle Disease, BSE, Rinderpest, PPR, Nipah

Disease control and eradication programme

- Rinderpest (free since 2004)
- PPR (free with OIE recognition since 2014)
- African Horse Sickness (free with OIE recognition since 2014)
- Highly Pathogenic Avian Influenza and New Castle disease
- Foot and mouth disease (OIE recognition for official control programme since 2016)
- Nipah
- Brucellosis and Tuberculosis
- Rabies
- Bovine Spongiform Encephalopathy
 - *Risk analysis and surveillance*

58 Animal Quarantine Stations throughout Thailand



- International movement control i.e. seaports and airports (9 AQSs)
- Domestic or inland movement controls (27AQSs)
- Border inspection and movement controls (22 AQSs)

e-Movement (animal movement control)



1. Domestic

- Intraprovincial (Form 3)
- Interprovincial (Form 4)

2. International

- Import (Form 7)
- Export (Form 9)
- Transit (Form 8)

The screenshot shows the website aqi.dld.go.th/th/. The header includes a royal portrait and the text 'ทรงพระเจริญ ด้วยเกล้า ด้วยกระหม่อม ขอเดชะ ข้าพระพุทธเจ้า ข้าราชการ พนักงาน กองสารวัตรและกักกัน กรมปศุสัตว์ กระทรวงเกษตรและสหกรณ์'. The navigation menu includes 'หน้าหลัก', 'ข้อมูลองค์กร', 'การจัดการองค์ความรู้ KM', 'ขั้นตอนการนำเข้าส่งออก', 'ประกาศจัดซื้อ/จัดจ้าง', and 'รับสมัครงาน'. The main content area features several service icons, including 'นำเข้า-ส่งออก ผ่าน ราชอาณาจักร', 'พระราชบัญญัติโรคระบาดสัตว์ 2499', 'ระเบียบกรมปศุสัตว์', 'หลักเกณฑ์ตรวจสอบรองสถานกักสัตว์/จากสัตว์', 'เอกสาร-หนังสือเวียนด้านกักสัตว์', 'ข่าวประชาสัมพันธ์', and 'EPPC-Privilege Permit'. A red circle highlights the 'e-movement ระบบการให้บริการ' icon in the top right corner.

e-Movement (Trader/Farmer)



ข่าวประชาสัมพันธ์

++ แนะนำการแก้ปัญหา กรณีบันทึก ร.3, ร.4 ไม่ได้ ++
ด้วยปัจจุบันพบปัญหาไม่สามารถบันทึก ร.3, ร.4 กับเครื่องที่ใช้
งานระบบ e-Movement ผ่านโปรแกรม Google Chrome
ได้

+วิธีแก้ไข+ แนะนำให้ใช้ Mozilla Firefox หรือ Internet
Explorer (IE) เวอร์ชัน 9 ขึ้นไป จะสามารถใช้งานได้ปกติ



กรมปศุสัตว์

Department of Livestock Development

e-Movement

รหัสผู้ประกอบการ : 156019708

รหัสผ่าน :

ผู้ประกอบการ ตัวแทน ผู้ดำเนินการ



 ลงทะเบียนผู้ประกอบการ

 ลงทะเบียนตัวแทน

 สอบถามรหัสผ่าน

 ไทย

 English



Animal health check and sampling at the airport



Detection dog
or Sniffer dog
At the airport
and borders



BORDER CONTROL ACTIVITIES



Disinfection at the border



Illegal movement controls

OFFICIAL CHECKING

(Sealing container number & document)



Objective

Improvement of biosecurity practices and farm management
Reducing losses from infectious disease
Preparation for being Good Agricultural Practice (GAP) farming

Backyard and small holder farm

Animal epidemic act. B.E.2558 (2015)
Chapter 1 Section 7 :disease prevention and control

Backyard and small holder farms

GFM

GAP

GFM = Good Farming Practice
Minimum Biosecurity requirements for farm animals

Improvement

GFM

GAP

GFM

feeding

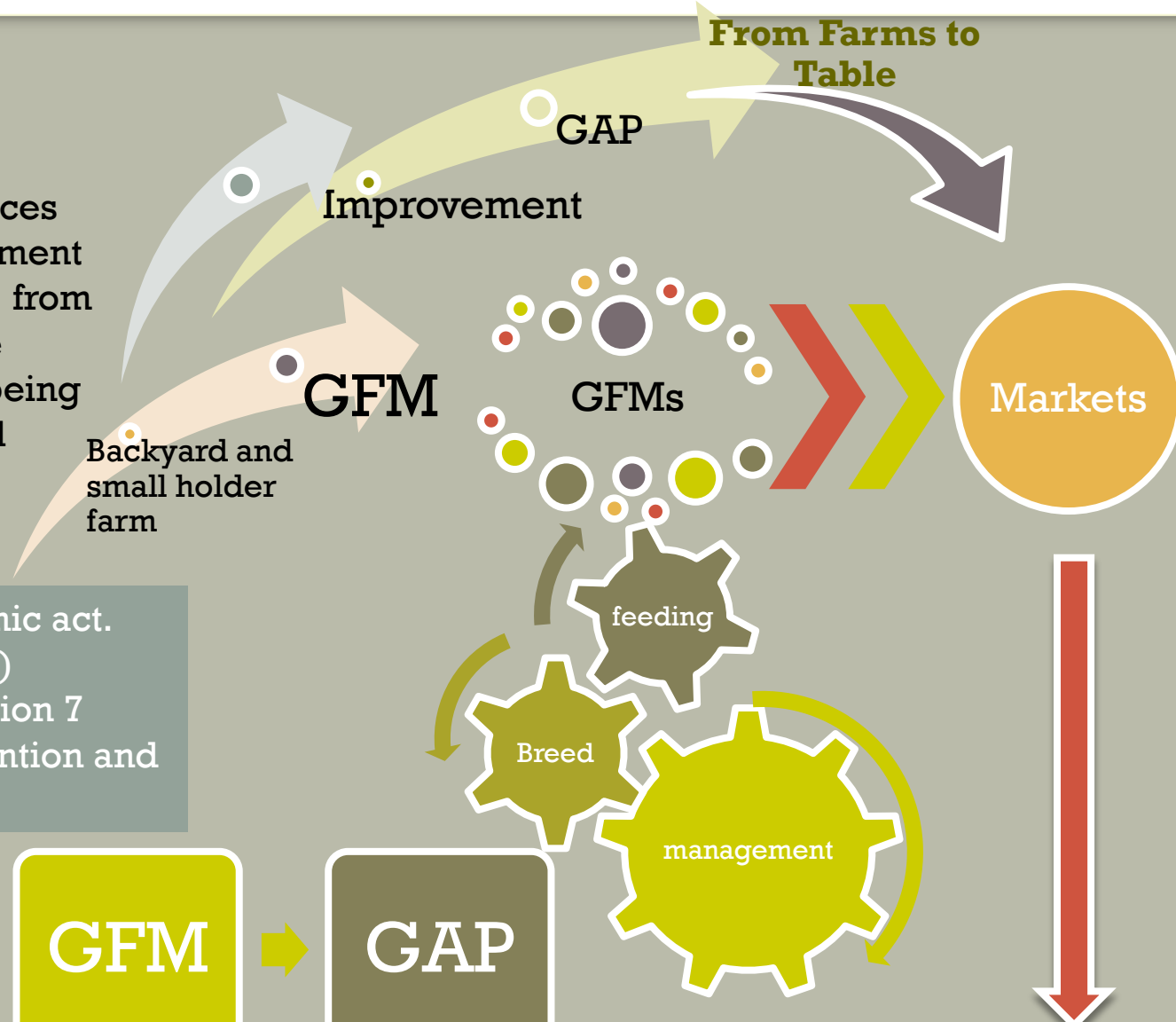
Breed

management

From Farms to Table

Markets

sustainable



Safety, Quality and Welfare of Thai poultry production chain



Pre-harvest

Feedmills

- Feed quality control
- Monitoring

Vet drugs

- Drug law (FDA)
- Farm vets (use of vet drugs)
- Monitoring

Farm

- Standard Farm
- Compartment
- Farm veterinarian (use of vet drugs)
- Disease prevention and control programme
- Surveillance programme
- Environmental control
- Animal welfare
- Good Labour practice (GLP)
- Thai labour standard

Post-harvest

Slaughterhouse

Processing Plant

- Veterinary inspector (Ante- and post-mortem)
- GMP / HACCP
- Residue monitoring plan
- Sample collection / Testing
- Animal welfare
- Good Labour Practice (GLP)
- Thai labour standard

Market

Domestic Market

Export

- Health certificate
- Hygienic meat shop
- Post-marketing survey
- Public education
- Social network

Public-Private Partnership: Key of success

Livestock Producer/
Vet Professional
Associations



National Committees on
Livestock Commodities
(Egg Board, Milk Board, Pig
Board, Poultry, Beef Board)



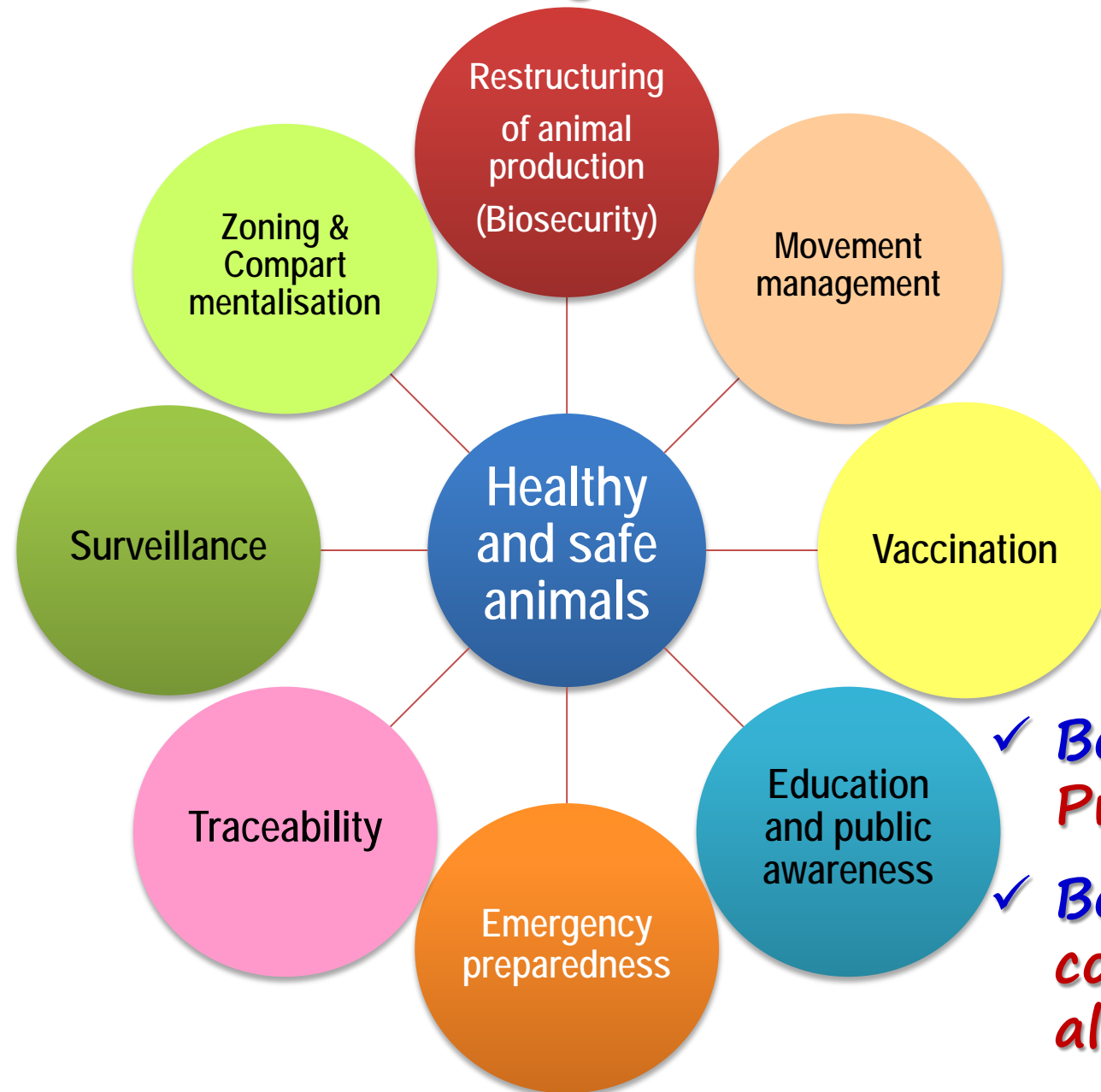
Standards and
regulations

Technical
support

Engagement
& ownership

Commutation and
Information

National Strategies for Animal Health Controls



✓ *Better Public-Private Partnership*

✓ *Better intersectoral collaboration with all stakeholders*

Thank you for your attention

