Workshop on National AMR Surveillance in Livestock in Thailand: Strengthening Capacities and Laboratory Network

National Institute of Animal Health, Department of Livestock Development

Food and Agriculture Organization of the United Nations

World Health Organization

World Organisation for Animal Health
Founded as OIE

Funded by the European Union

Overview for what to do here……

Objectives	Outputs	Relevant session
1. provide the **overview** of ongoing work on Thailand national AMR surveillance in livestock;	1. List of remarks, comments and current state on the ongoing work on Thailand national AMR surveillance in livestock;	**Task 1**
2. identify **gaps and challenges** of current practices in Thailand national AMR surveillance in livestock in line with the regional harmonization on surveillance of AMR in food-borne microorganisms from healthy food animals and their products;	2. List of identified gaps/challenges and areas that require further improvements in Thailand national AMR surveillance in livestock according to the regional harmonization on surveillance of AMR in food-borne microorganisms from healthy food animals and their products;	**Task 2**
3. provide **recommendations and potential resolutions** for addressing identified gaps and challenges;	3. Consolidated recommendations and potential resolutions for addressing identified gaps and challenges;	**Task 3**
4. outline **next actions for further improving and strengthening** Thailand national AMR surveillance in livestock.	4. Outline of next actions for improving and strengthening Thailand national AMR surveillance in livestock.	**Roadmap**

Task 1: Review Thailand national AMR surveillance program in livestock

Objectives	To provide the overview of ongoing work on Thailand national AMR surveillance in livestock.
Output 1	List of remarks, comments and current state on the ongoing work on Thailand national AMR surveillance in livestock.

1.1. What are your opinions and observations (Pro/Con) for the previous NAS?
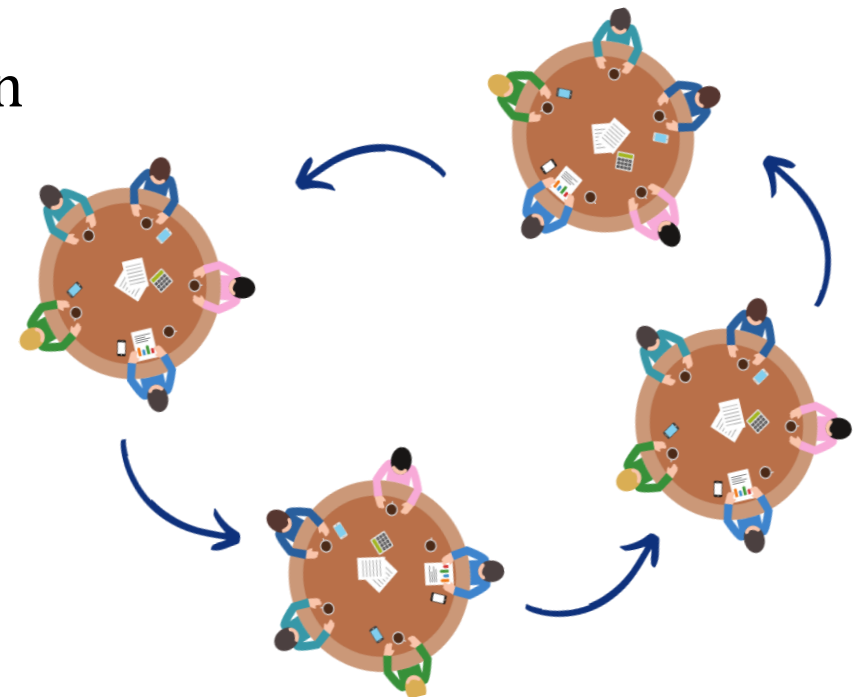
- Objectives of the NAS? What to be added, deleted or modified
- Others:
  - Data collection at national level
  - Communication
  - Sustainability
  - What else to be added, removed and modified?

1.2. Tell us about the previous NAS!!

- What are the **actual** benefits/applications of the NAS data?
- What are the **actual** drawbacks/disadvantages of the NAS data?
- What should DLD do to increase the application and communication of the NAS data?

Think on behalf of yourself!

Task 2: Identify gaps and challenges for Thailand national AMR surveillance program in livestock

Objectives	To identify **gaps and challenges of current practices** in Thailand national AMR surveillance in livestock in line with the regional harmonization on surveillance of AMR in food-borne microorganisms from healthy food animals and their products.
Output 2	List of identified gaps/challenges and areas that require further improvements in Thailand national AMR surveillance in livestock

Task 2: Identify gaps and challenges for Thailand national AMR surveillance program in livestock

2.1. What are Problems/Obstacles/Challenges **you have faced**?

Operational perspectives

Examples:
- Financial/sustainability
- Workflow organization
- Collaborations
- infrastructure
- Resources
- Equipment
- Knowledge-technical practice
- Manpower

2.2. What are Problems/Obstacles/Challenges **you have faced**?

Technical perspectives

- sampling strategy,
- sampling plan,
- sample collection
- laboratory methods (bacterial isolation/identification), AST, gene detection and others)
- Documentation
- AMR data analysis and management
- AMR data report

Task 3: Solutions/Activities to improve capacities of Thailand national AMR surveillance program in livestock

Outputs 3	Consolidated recommendations and potential resolutions for addressing identified gaps and challenges.

- What are possible solutions for gaps/challenges identified in Task 2?
- What are needed to achieve the activities?

Roadmap to improve the on-going Thailand national AMR surveillance in livestock

Outputs	Outline of next actions for improving and strengthening Thailand national AMR surveillance in livestock.

Roadmap to improve the on-going Thailand national AMR surveillance in livestock

Activity plan :

- Show summary what to improve?
- Sort data according to ATLASS surv.
- Set prioritized actions (give priority levels-Critical, high, Medium, Low)
- Plan to Integrated One Health AMR surveillance (PPT for Integrated…)
- Role of other partners (No need ???)

- Activities
- Technical practices/Data generation
- Communication
- Data production (Laboratory) network
- Sustainability

IT'S DONE !!