

1. Good morning/afternoon, ladies and gentlemen (everybody).  
I am going to talk today about the “Activities and Strategic Action plans on Antimicrobial Resistance (AMR) Associated with Livestock”.  
To start with I will describe about the DLD organization, strategic plan and current activities on AMR containment in Thai livestock. Then I will summarize the factor influencing AMR containment in Thai livestock
2. This slide shows DLD organization Chart. The Department of Livestock Development (DLD), Ministry of Agriculture and Cooperatives, is a National Veterinary Authority of Thailand . Each DDG in charge of Animal health , Food safety Section and animal production to control AMR in live animal and food products along the food chain
3. We have 2 main strategic plan to control AMR . The first one is control and reduce the use of AB. The second strategic is containment of microbial load in food chain As the time constrain, I will focus on first strategic .
4. Let’s look now at Current Activities on AMR Containment in Thai Livestock are as follows:  
Prevent infection is the main part that affect AMR containment. DLD promote GAP by accredit and certify std farm that cover around 90 % of broiler and 50 % of pig population in Thailand. The others measure is disease control program and compartment system that is biosecurity management of the livestock production including feed mill and slaughterhouse, HACCP and traceability system along the food chain
5. Second activity is implement the code of practice to control the use of vet drug of codex into standard farm
6. Third activity is improve the system to monitor AMR and AMU data by revise DLD AMR committee to multidisciplinary committee that chair by DG of DLD and have duties to.....
7. DLD also establish national vet AMR surveillance system in 2016 in line with EU decision in 2013 as you can see in this slide that cover sample of pathogenic and indicator bacteria for AMR from farm, slaughter house and retail shop
8. DLD also have specific project to surveillance resistance bacteria and resistance genes of Salmonella on meat and meat products
9. This slide show the conclusion of VRE activities in poultry of DLD. After ban of avoparcin in feed, prevalence of VRE in poultry industry is very low . During 2007-2014, 5 samples from twenty eight thousand sample were positive.
10. Technical cooperation with FAO on National Capacities for AMR project will start within this year.

11. AMU surveillance data by active pharmaceutical ingredient of major species have to develop to compare and benchmark AMU data among farm or among regions
12. DLD also establish monitoring committee to monitor drug residue, microbial organism in food animals and quality of vet antimicrobial drugs
13. Beyond to AMR monitoring , DLD have national monitoring plan in 2015 that cover drug residue and Microbial contamination.
14. Including monitoring quality of AM drugs
15. DLD also have research project concerning to quantitative risk assessment of AMR in 2015
16. This is the sample type of research project that cover feed carcass and environment during transport and at slaughterhouse
17. To improve the system to control AMR in Livestock . We have to focus on the factor that have impact to AMR containment strategies for continuous operation