



## **APHCA Expert Workshop**

### **“Towards Standardization and Harmonization of Monitoring of Antimicrobial Use in Livestock and Antimicrobial Resistance in Livestock-associated Micro-organisms in the Asia-Pacific Region”**

**Bangkok, Sukosol (former Siam City) Hotel, 14 to 15 May 2013**

#### **Workshop objectives**

The workshop has been organized with the following objectives:

- Exchange information about various protocols for AMU and AMR monitoring / surveillance used in countries of the Asia Pacific region (participants to provide brief report on protocol(s) / approach(es) applied in their country);
- Review approaches for monitoring of AMU in livestock that allows identification (and quantification) of risk factors for the development and occurrence of AMR;
- Review approaches to antimicrobial susceptibility testing (antimicrobial agents, test ranges, interpretive criteria, etc);
- Familiarize participants with methods for AMR risk assessment and risk management;
- Based on the OIE guidelines for AMR surveillance develop proposal for standardized AMR monitoring protocols;
- Identify country-specific support requirements to implement / move towards implementation of the above proposed protocols.

## Timetable

### Tuesday 14 May

Time	Topic	Speaker
08:30 – 09:00	<i>Registration</i>	
09:00 – 09:30	Opening remarks	DG DLD APHCA Secretary
09:30 – 10:15	The global problem of AMR and critical antimicrobials for use in humans	Prof. J. Wagenaar
10:15 – 10:45	<i>Group Photo &amp; Coffee / tea break</i>	
10:45 – 11:30	Basic microbiology to set the stage for AMR monitoring and risk assessment	Dr S. Simjee
11:30 – 12:15	OIE activities on AMR and recommendations of the 'Global Conference on the Responsible and Prudent Use of Antimicrobial Agents for Animals'	Dr H.T. Myint
12:15 – 13:45	<i>Lunch break</i>	
13:45 – 14:15	AMU and AMR monitoring for AMR risk assessment and risk management	Dr T. Shryock
14:15 – 14:45	Approaches to AMU monitoring and their limitations	Prof. D. Pfeiffer
14:45 – 15:15	<i>Coffee / tea break</i>	
15:15 – 15:45	Antimicrobial susceptibility testing (AST) with limited resources	Dr S. Simjee
15:45 – 16:15	Responsible use / clinical practice guidelines	Dr T. Shryock
16:15 – 16:45	Template for the development of national AMU / AMR monitoring plans	Dr J. Otte
17:30 – 19:00	<i>Hosted dinner courtesy of DLD</i>	

### Wednesday 15 May

Time	Topic	Speaker
09:00 – 09:15	Recap of day 1 and presentation of day 2 work plan	Tbd
09:15 – 12:00	Country delegates to develop structured 'Action Plan' for stepwise improvement of national AMR management system	Delegates assisted by workshop leaders
12:00 – 13:30	<i>Lunch</i>	
13:30 – 15:30	Presentation and discussion of country 'Action Plan' proposals Identification of common themes with possibility of regional collaboration	Delegates and workshop leaders
15:30 – 16:00	<i>Coffee / tea break</i>	
16:00 – 16:30	Wrap-up / next steps / feedback / closure	