



Regional Short-term Training on Swine Disease Control and Diagnosis

Beijing, P. R. China, 30 July – 3 August 2018

DAY 1		
Monday, 30 July 2018		
Time	Theme	Speaker
08:30-09:00	Registration	
09:00-09:40	Opening Session <ul style="list-style-type: none"> - Remarks by the Host Country - Remarks by the OIE Regional Representative for Asia and the Pacific - Objective of the training 	<p>Dr Guanghua Chen</p> <p>Dr Hirofumi Kugita</p> <p>Dr Chuanbin Wang</p>
09:40-10:00	<i>Group Photo & COFFEE BREAK</i>	
10:00-11:40	Update on disease situation, prevention and control strategies of swine diseases and lab capacity (China, Chinese Taipei, Laos, Korea RO, Philippines, Mongolia, Myanmar, Thailand and Vietnam)	All participants
11:40-12:00	Q & A	
12:00-13:00	<i>LUNCH BREAK</i>	
13:00-14:20	Current situation in the region: updates and trends (20 mins for each) <ul style="list-style-type: none"> - CSF - PRRS - FMD - PED 	<p>Dr Qin Wang, OIE RL for CSF</p> <p>Dr Zhi Zhou, OIE RL for PRRS</p> <p>Dr Bolin Zhao, OIE RL for PRRS & OIE</p> <p>Dr. Jianqiang Ni, OIE RL for PRRS</p>
14:20-14:45	OIE standards and guidelines relevant to swine disease control and diagnosis	OIE RRAP
14:45-15:10	Q&A	
15:10-15:30	<i>COFFEE BREAK</i>	
Swine disease surveillance		
15:30-15:50	OIE Principle of Swine Disease Surveillance: type of surveillance and critical elements	Dr Yin Li China Animal Health and Epidemiology Center(CAHEC)
15:50-16:10	Practice of Swine Disease Surveillance: Role of the MOA and Laboratory in disease surveillance, skills and information required at different levels within disease surveillance systems	Dr Jian Du

16:10-16:50	Sampling strategy of swine disease surveillance and how to select the most appropriate sampling strategy	Dr Yin Li
16:50-17:10	Q&A	
Reception Dinner hosted by the MOARA		
DAY 2	Tuesday, 31 July 2018	
Time	Theme	Speaker
Swine disease diagnosis		
09:00-10:50	Clinical description of swine disease: clinical signs of major swine disease and case study (CSF , HP-PRRS , FMD , PED , ADV)	Dr Trevor Drew OIE Reference Expert for CSF and BVD
10:50-11:10	<i>COFFEE BREAK</i>	
11:10-11:40	General principles in diagnosis of clinical disease and in surveillance	Dr Trevor Drew
11:40-12:00	Diagnosis of major viral diseases of pigs - sample collection, packaging and shipping	Dr Trevor Drew
12:00-12:20	Q&A	
12:20-13:30	<i>LUNCH BREAK</i>	
13:30-14:10	Test methods recommended for swine disease outbreak investigation and for surveillance	Dr Trevor Drew
14:10-14:50	Analysis and interpretation of the diagnostic tests.	Dr Trevor Drew
14:50-15:20	The diagnosis of emerging and unknown swine diseases	Dr Trevor Drew
15:20-15:40	Q&A	
15:40-16:00	<i>COFFEE BREAK</i>	
Emergency response		
16:00-16:20	Preventive response: What measures to take on the farm when waiting for the laboratory confirmation	Dr Yuliang Liu
16:20-16:40	Contingency plan for outbreak: key factors and how to carry out	Dr Yuliang Liu
16:40-17:10	Country experience in emergency response - Korea RO - Philippines	Dr Dong Kun Yang TBC
17:10-17:30	Q&A	
Reception Dinner hosted by the OIE		

DAY 3		
Wednesday, 1 August 2018		
Time	Theme	Speaker
Emerging diseases		
09:00-09:30	Global situation of emerging and re-emerging swine infectious diseases	Dr Zhenhai Chen Yangzhou University
09:30-09:50	Novel PRRS virus emerged in China: identification of NADC30-like PRRS virus	Dr Zhi Zhou
09:50-10:10	Q&A	
African Swine Fever		
10:10-10:50	The ASF epidemiology, early detection and prevention.	Dr Vittorio Guberti Institute for Environmental Protection and Research (ISPRA)
10:50-11:10	<i>COFFEE BREAK</i>	
11:10-11:30	ASF diagnosis and control measures	Dr Vittorio Guberti
11:30-12:00	Socio-economic impact of ASF outbreak	Dr Vittorio Guberti
12:00-12:20	Discussion and Q&A	
12:20-13:20	<i>LUNCH BREAK</i>	
Disease notification		
13:20-13:40	Animal diseases notification to the OIE: The World Animal Health Information System (WAHIS)	OIE RRAP
13:40-14:20	National disease notification system and process of notification	Dr Jian Du
Disease control measure		
14:20-14:50	Control measures for major swine disease	Dr Yuliang Liu
14:50-15:10	OIE official endorsement of control programme	Dr Trevor Drew
15:10-15:30	Country report: PRRS control in Japan	Dr Michihiro Takagi National Institute of Animal Health, Japan
15:30-15:40	Brief introduction of compartmentalisation	OIE RRAP
15:40-15:55	Country experience on compartmentalisation	Thailand
15:55-16:10	Q&A	
16:10-16:30	<i>COFFEE BREAK</i>	
16:30-17:40	Breakout session: Risk factors that are common to all the swine disease	All participants Facilitated by Dr Michihiro Takagi
17:40-18:00	Report back	

DAY 4		
Thursday, 2 August 2018		
Time	Theme	Speaker
10:00-10:40	Field visit: OIE RL for PRRS	
10:40:11:00	Introduction of laboratory biosafety	CADC staff
11:00-11:20	<i>COFFEE BREAK</i>	
11:20-12:00	Break out session Epi: Critical element for different surveillance, how to carry out a disease surveillance; Working group activity: sample size calculation Lab: Hands-on training on Real-time PCR, Laboratory workflow, SOPs and Quality assurance and Data Validation, Collection and Management	Dr Yin Li Dr Zhi Zhou
12:00-13:00	<i>LUNCH BREAK</i>	
13:00-15:30	Continue of Break out session	Dr Yin Li CADC
15:30-16:00	Q&A	
16:00-16:20	<i>Back to Hotel</i>	
DAY 5		
Friday, 3 August 2018		
Time	Theme	Speaker
Way forward to improve the disease control capacity		
08:30-10:00	Group exercises : surveillance plan	All participants Facilitate by CAHEC and OIE RRAP
10:00-10:20	Report back	All participants
10:20-10:40	<i>COFFEE BREAK</i>	
10:40-10:50	Review of The Regional Strategic Framework for Laboratory Capacity Building and Networking in Southeast Asia	Viet Nam
10:50-11:30	Group discussion: way forward to improve disease control and diagnosis capacity; Coordination for laboratory and epidemiology: what are needed to be shared/coordinated between Lab and Epi part	All participants Facilitate by OIE RRAP
11:30-11:50	Report back	All participants
Closing session		
11:50-12:10	Closing remarks	Dr Weisheng Chen
12:10-13:30	<i>LUNCH</i>	

