



Organisation  
Mondiale  
de la Santé  
Animale

World  
Organisation  
for Animal  
Health

Organización  
Mundial  
de Sanidad  
Animal

# **Up-date information on the related activities in OIE Asia-Pacific**

**The 4th OIE Regional Meeting on  
Strengthening Animal Health Information  
Networking in Asia under the OIE/JTF  
project for Strengthen HPAI control In Asia**

**Chiang Mai, Thailand,  
14-16 September 2011**

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**Itsuo Shimohira  
Regional Representative for Asia and the Pacific**



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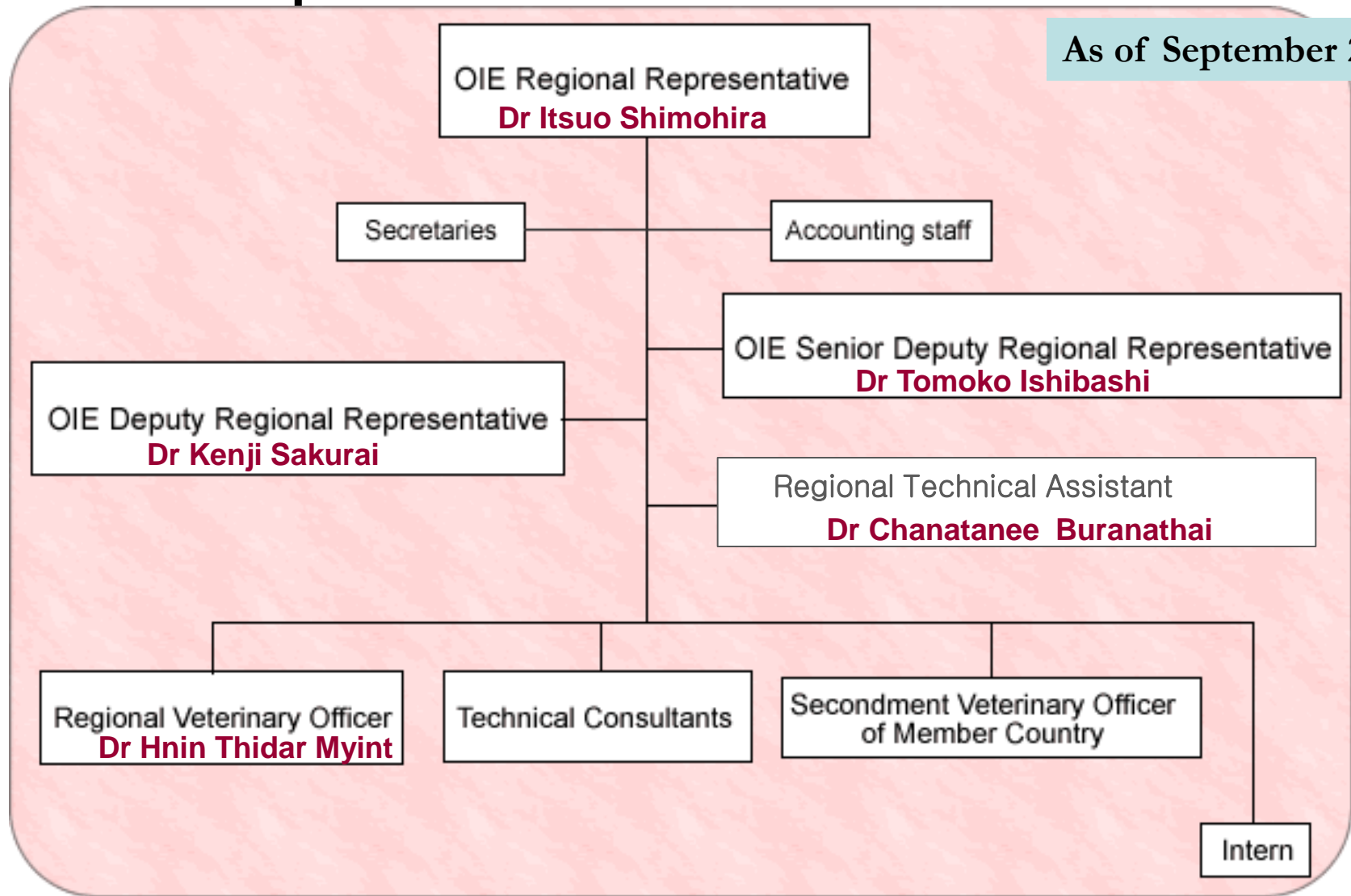
- **Staff Changes**
- **Office relocation**
- **Priority Areas for Regional Activities by OIE Asia-Pacific**
- **Major activities for the Region in Recent two years (JFY 2010-2011)**
- **Planned Work programme for the Region in JFY 2012**

# Staff Changes of OIE Asia-Pacific in 2010-2011

- **Dr Ikuo Koike**: Left the post of Technical Consultant, December 2010
- **Dr Sayuri Iwaki (Tagawa)** : Left the post of Regional Veterinary Officer and went back to MAFF Japan, March 2011
- **Dr Chantanee Buranathai**; Took up the post of Regional Technical Assistant , February 2011, from DLD, Thailand
- **Dr Hnin Thidar Myint** ; Took up the post Regional Veterinary Officer , May 2011, from LBVD, Myanmar
- **Dr Than Hla** : Left the post of Technical consultants for the GF-TADs coordination activities , June 2011

# Organization chart of OIE Regional Representation for Asia and the Pacific

As of September 2011



# Office Relocation

Re-located to “Food Science Building” in **The University of Tokyo**  
in April 2011



Food Science Building  
in University of Tokyo



Conference room



New office

**(New address)**

**Food Science Building 5F, The University of Tokyo  
1-1-1 Yayoi Bunkyo-ku, Tokyo 113-8657, Japan  
E-mail: [rr.asiapacific@oie.int](mailto:rr.asiapacific@oie.int)**

New office location is expected to facilitates the collaboration and cooperation with the University of Tokyo (the OIE Collaboration Center for Food Safety) and OIE Asia Pacific for strengthen the veterinary services as well as the Scientific background.

# Priority areas for OIE Asia and the Pacific

- Capacity building of Veterinary Services for Animal Health including Legislation, Diagnosis and Surveillance, etc.
- Animal Health Improvement
- Strengthen Veterinary Services for Animal Health
- For compliance with International Standards for animal health
- Regional alliance for Animal health
- Through meetings, Seminars, hands-on Workshops, Experts visits, etc.

# **Major activities of the OIE Asia-Pacific in recent two years (JFY 2010-2011)**

# Capacity building for Animal health

## OIE Regional Workshop for the Focal point of Wildlife

Bangkok, Thailand, October 5-7 2010

## OIE Regional Workshop for the Focal point of Animal Production and Food Safety

Singapore October 12-14 2010

## OIE Regional Workshop for the Focal Point of Disease Notification

Beijing PR China April 12-14 2011

### Objectives

- To facilitate better understanding of OIE mandate and function and Focal Points' responsibility
- To understand the OIE Animal Health Codes and Manuals and the standard setting procedures, etc.

# **HPAI control and Prevention Projects in Asia by OIE Asia-Pacific**

# HPAI Control Projects in the Region

- Big concern of the disease in the Region:

**HPAI:** Resurgent and continuously reported since 2003 and even in 2009 and 2010 and negative economic impacts and risks to animal and human health

1. OIE/J(S)TF Project for the Region

OIE Project of HPAI control in Southeast Asia

(2006-2007: **Phase I**)

2. Epidemiological changes of HPAI in Asia

OIE/J(S)TF Project for strengthening HPAI control in Asia

1) 5 year Project for Asia (2008-2012)

2) 2 year Project for Asia (2008-2009 : **Phase II**)

# OIE HPAI Control Projects in Asia

## 1 OIE/JTF Project for strengthening HPAI Control in Asia

(5 year project under Regular Fund; 2008-2012)

- (1) Strengthening Information networking in Asia (including HPAI control strategies)
- (2) Strengthening capacity of Veterinary Services (Capacity building including legislation etc.)
- (3) Surveillance of wild birds and domestic animals along migratory flyways, and strengthening Data-base at OIE Reference Laboratory

## 2 OIE/JSTF Project for strengthening HPAI Control in Asia

(under Supplementary Special Fund; Phase II, 2008-2009)

- (1) Capacity building of HPAI laboratory diagnosis and surveillance
- (2) Procurement of Laboratory equipment and materials participating countries:

: **India, Sri Lanka, Pakistan, Nepal, Bhutan and Bangladesh**

**+ Mongolia**

# OIE/JTF Project for Strengthening HPAI control in Asia

## I Strengthening Information Networking in Asia

To facilitate animal health information exchange and regional cooperation and alliance for disease control

## II Strengthening capacity of Veterinary Services

For good governance of VSs, and thus early detection and rapid response for disease control

II-1 Evaluation of performance of veterinary services (VSs)

II-2 Training on legislation and diagnostic technologies for HPAI control

## III Surveillance of wild birds and domestic animals along migratory flyways

To provide supportive information for awareness and effective control measures

-Surveillance of AI viruses, and epidemiological study related to flying routes of migratory birds

Epidemiological Information

Test results Samples

### Database

Monitor and characterize the virus for preparedness and effective control

- **Establishment of a database for AI accessible by OIE Members**

Virus characterization



AI viruses

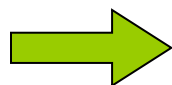
### Diagnosis

Capacity building for diagnosis

- National laboratories

↕ Collaboration

- **OIE Reference Laboratory (Hokkaido University)**



## HPAI control in Asia

# Activities under OIE HPAI Control Projects in Asia

## 1. OIE/JTF Project for strengthening HPAI Control in Asia (5 year project; 2008-2012)

- (1) **Inception Meeting** for consultation on the Project, Tokyo, Japan, April 2008
- (2) **Expert Meeting** on HPAI control in Asia, Tokyo, 1<sup>st</sup> :October, 2008,  
2<sup>nd</sup>: May 2009 ,3<sup>rd</sup> :June 2010, and 4<sup>th</sup> : June 2011
- (3) **Information Networking Meeting**, 1<sup>st</sup> : November, 2008, Tokyo, 2<sup>nd</sup> :  
September, 2009 ,Tokyo, 3<sup>rd</sup> September ,2010 ( **and 4<sup>th</sup> September 2011**)
- (4) **Regional training workshop on legislation and disease control strategies  
(Combined with 2<sup>nd</sup> Information Networking Meeting)** September,2009
- (5) **Surveillance of wild birds and domestic animals along migratory flyways,**  
- Surveillance in Hong Kong and Vietnam, Laos and Mongolia, 2008 -**2011**  
- Isolated AI viruses were analyzed and establish the Data base in  
Reference Laboratory(2009-2011)
- (6) **HPAI molecular Data analysis Workshop**, OIE Reference Laboratory  
(Hokkaido University), May 2009, and county training in August 2011 in  
Myanmar

# Activities HPAI Project in 2011

- **The 4<sup>th</sup> OIE Regional Expert Group Meeting**, Japan, June 2011 (done)
  - To share/update data and information about HPAI outbreaks including genetic information of isolated HPAI virus and possible roles/involvement of wild birds in spreading of HPAI
- **The 4<sup>th</sup> OIE Regional Meeting on Strengthening Animal Health Information Networking**, Thailand, September, 2011
- **Field Surveillance of AI in domestic animals and wild birds** (including the environment), in **Vietnam** (September and October 2011), **Mongolia** (July and October 2011) in line with the Expert Group Meeting

# Summary of the surveillance of Wild Birds and Domestic animals among the migrate fly-way

## Surveillance

Sample : Domestic Birds (around the sampling area of Wild Birds)

Wild Birds + Environment

Fly way investigation : Satellite Transmitter installation on Whooper swan and other species in Mongolia

## Achievements :

- All the samples were tested and 78 influenza A viruses were isolated from domestic birds (ducks)
- However no virus was isolated either from live wild birds or the environment.
- One H5N1 virus was isolated from a Muscovy duck from a live bird market in South Vietnam
- Observe the Migratory fly way of Whooper swan and Bar headed goose from Mongolia
- Genetic analysis data of each virus were registered in Data base in the Reference Laboratory in Hokkaido University

# Overview of the outcomes of AIV Study

Countries: Laos, Mongolia and Vietnam

- All the samples were tested to isolate 78 influenza A viruses from domestic birds (ducks), however no virus was isolated either from wild birds or the environment.
- One H5N1 virus was isolated from a Muscovy duck from a live bird market in South Vietnam.

Category	No. of bird/sample	LAMP (+)	
		Virus (+)	Virus (-)
Wild bird	832	0	6
Domestic bird	2,675	78	120
Environment	331	0	2
<b>Total</b>	<b>3,838</b>	<b>78</b>	<b>128</b>

# **Summary of Achievements by OIE/JTF Project for strengthening HPAI Control in Asia (1)**

## **AIV Study:**

- 1. The 78 viruses were isolated from 78 healthy domestic birds in South Vietnam, thus, the average prevalence of AIV in the surveyed domestic birds in South Vietnam was 6.0%**
- 2. One H5N1 virus was isolated from a Muscovy duck from a live bird market in South Vietnam.**
- 3. H9N2 (26 isolates) and H6N2 (24 isolates) viruses were the most frequently isolated viruses in South Vietnam.**
- 4. It was observed that genetic re-assortment has occurred in H9N2 viruses isolated from ducks kept in live bird markets, and that live bird markets played a role to induce this event**
- 5. Considering H5N1 infection in healthy wild birds is significantly low, the AIV study should be more focused on sample collection from dead wild birds and fresh wild bird feces in the field.**

# AIV isolated in South Vietnam in 2009-2011

Sampling place		Year	Subtype (number of isolates)
Farm	A	2009	H4N6 (2), H9N2 (1)
	B	2009	H4N6 (2)
	C	2009	H4N6 (2)
	D	2009	H4N6 (1), H9N2 (3)
	E	2009	H9N2 (14)
Live bird market	F	2009	H3N8 (1)
	G	2009	H9N2 (6), H11N3 (2)
	H	2009	H3N2 (1), H9N2 (1)
			H11N3 (1), H11N9 (1)
	I	2010	H9N6 (1)
	J	2010	H6N2 (24), H6N6 (1)
	K	2011	H6N2 (2)
L	2011	H5N1 (1), H6N2 (5)	
M	2011	H11N5 (1), H11N9 (2) H12N5 (2)	
Slaughter house	N	2009	H9N2 (1)

<http://virusdb.czc.hokudai.ac.jp/vdbportal/view/index.jsp>

The screenshot shows a web browser window titled "Top page - Hokkaido University Influenza Virus Database System - Windows Internet Explorer". The address bar shows the URL "C:\Documents and Settings\Administrator\Desktop\wwwroot\index.html". The page content includes the following elements:

- Header:** Hokkaido University logo and "Influenza Virus Database System" title.
- Navigation Menu:** Links for Home, About this Database, Usefulness of this Database, and How to use this Database.
- User Authentication:** A "User authentication for Database" section with a "Login" button.
- Left Sidebar:** Logos and links for Hokkaido University, Graduate School of Veterinary Medicine, Research Center for Zoonosis Control, World Organization for Animal Health (OIE), and OFFLU.
- Main Content:**
  - Influenza Database System:** A section with a microscopic image of virus particles and text stating: "Influenza Virus Database System presents influenza virus data obtained at the Graduate School of Veterinary Medicine and Research Center for Zoonosis Control, Hokkaido University, Japan, for further global collaboration and data sharing."
  - Information:** A list of news items with dates and titles, such as "(Feb. 25, 2009) Priority Sample text" and "(Jun. 31, 2009) Influenza Virus Database System presents influenza virus data obtained at the Graduate School of Veterinary Medicine."
- Contact Us:** A section for the "microbiology 微生物学教室" (Lab. of Microbiology, Graduate School of Veterinary Medicine) with the email address "influ@vetmed.hokudai.ac.jp".

Sequence Data Search - Windows Internet Explorer

http://virusdb.cdc.hokudai.ac.jp/vdbportal/view/seq\_result.go

Sequence Data Search

## Sequence Data Search

### Results

Download

#	name	acc. num	type	size	sequence
1	A/duck/Hokkaido/Vac-1/2004	<a href="#">AB259709</a>	PB2	2308	TCCGAGATACTAACAAAAACCCTGTGGCCATATGGCCATAATCAAGAAATACACATC AGGAAGACAAGAGAAGAATCCTGCTCTCAGAAATGAAATGGATGATGGCAATGAAATATCC AATCACAGCAGACAAGAGAATAATGGAGATGATTCCTGAAAGGAATGAACAGGGCCAGAC GCTTTGACCAACACAAATCATCTCCATCCACACCCCTCATGCTGTCTCCCTTACTCT
2	A/duck/Hokkaido/Vac-1/2004	<a href="#">AB259710</a>	PB1	2309	AACCATTTGAAATGGATGTCAACCCCACTTTACTTTTCTTGAAGGTGCCAGCCAAAATGC TATAAGTACTACATTCCTTACTGGAGATCCTCCATACAGCCATGGAACAGGAACAGG ATACACCATGGACACAGTCAACAGAACACATCAATACTCAGAGAGGGAAAGTGGACAAAC AAACACTCAGACTCCACACCCCACTCAATCCAAATCATCCACCATTAACCTACCCATAA
3	A/duck/Hokkaido/Vac-1/2004	<a href="#">AB259711</a>	PA	2186	TGATCCAAAATGGAAGACTTTGTGCGCAATGCTTCAATCCAATGATCGTCGAGCTTGCG GAAAAGGCAATGAAAGAATATGGGAAGACCCGAAAATCGAAACGAAACAAATTTGCCGCA ATATGCACGCACCTAGAAGTCTGTTTCATGTATTCGGATTCCACTTTATTGATGAACGG CCCAATCAATTAATTCACACTCTCCCAATCCCAATCCATTAATCAAAACACCCATTTCAA
4	A/duck/Hokkaido/Vac-1/2004	<a href="#">AB259712</a>	HA	1732	TCTAATCTGTTAAAATGGAGAAAATAGTACTTCTTTTTGCAATAGTCAGTCTTGTCAAA GTGACAAAATTTGCATTGGTTACCATGCAAAACACTCAACAGACAGGTTGACACAATAA TGGAAAAGAATGTTACTGTACGCATGCCCAAGACACTCTGGAAAAGACACAAATGGGA ACCTCTCCACTCTAAAATCCACTTAAACCTCTCATTTTCCACCAATCTACTCTACCTCCAT
5	A/duck/Hokkaido/Vac-1/2004	<a href="#">AB259713</a>	NP	1529	GATAATCACTCACTGAGTGACATCAATATCATGGCGCTCAAGGCCACCAAAACGATCTTAT GAACAGATGGAACCTGGTGGAGAAGCCAGAATGCCACTGAGATCAGAGCATCTGTTGGA AGAAATGGTTGGTGAATGGGAGGTTTTACATACAGATGTGCACTGACCTCAAACCTCAGC CAGATCAACCAACCCCTCATTCACCAACCCATAACCAATACACACAAATCCCTCTCTCCCA
6	A/duck/Hokkaido/Vac-1/2004	<a href="#">AB259714</a>	NA	1422	TCAAAATGAAATCAAAATCAAAAGATAAATCAACATGGATCAATCTGTATGGTAAATGGAA TAGCCAGCTTGATGTTACAATTTGGGAACATAATCTCAATATGGGTTAGCCATTCAATTC AGACAGGGAATCAATACCAGCTGAACCATGCAATCAAAGCATCAATCTATGAAAACA ACACCTCCCTCAATCAGACCTATCTCAACATACCAATACCAATTTCTTCTCTCAACAGCC
7	A/duck/Hokkaido/Vac-1/2004	<a href="#">AB259715</a>	M	992	ATATTGAAAGATGAGTCTTCTAACCGAGGTCGAAACGTACGTTCTCTCTATCGTCCCGTC AGGCCCCCTCAAAGCCGAGATCGCCGAGAGACTTGAAGATGTCTTTGCAGGGAAGAACAC CGATCTCGAGGCTCTCATGGAATGGCTAAAGACAAGACCAATCCTGTCACTCTGACTAA CCCAATTTTACCTTTCTCTTCAACCTCAACCTCCCACTCAACCAACCACTCCACCTCAG
8	A/duck/Hokkaido/Vac-1/2004	<a href="#">AB259716</a>	NS	855	ACAAAACATAATGGATTCCAACACTGTGTCAAGCTTTCAGGTAGACTGCTTTCTTTGGC ATGTCGCAAAACGATTTGCAGACCAAGAAGCTGGGTGATGCCCATTCCTTGACCGACTTC GCCAGATCAGAAGTCCCTAAGAGGAAGAGGCAGCACTCTGGTCTGGACATCGAGACAG CTACTCTCCCCCAACACACTCCAGCCATCTCCACCAACAATCTCATCAACCCAC

[back to Virus Stock Search](#) [back to menu](#)



# Activities under OIE HPAI Control Projects in Asia

## 2. OIE/JSTF Project for strengthening HPAI Control in Asia (Phase II: 2008-2009)

### (1) Capacity building of HPAI diagnosis and surveillance

- National Hands-on Workshop on Real-Time PCR for diagnosis of HPAI
- Regional Training course for the staff of National laboratories on Genetic analysis technologies for HPAI

### (2) Procurement of Laboratory equipment and materials

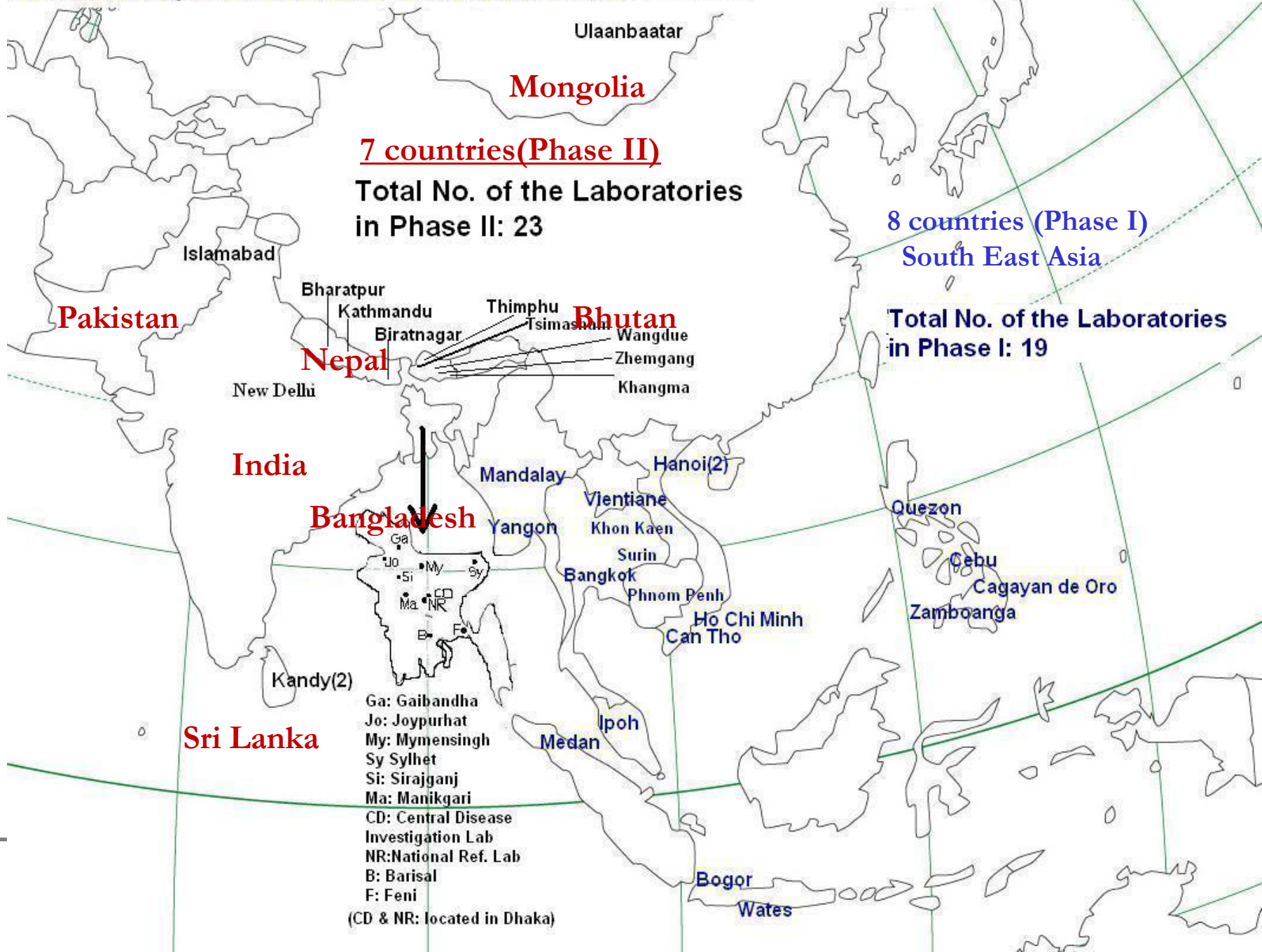
To support (1) above; Laboratory capacity building

**Phase II:** 7 countries (East and South Asian countries)

**India, Sri Lanka, Pakistan, Nepal, Bhutan and Bangladesh+ Mongolia**

- Identification of national laboratories and listing the required laboratory diagnostic equipment and materials (2008)  
**(7 countries, 23 Laboratories are selected)**
- Procurement of the equipment and renovation of the laboratories(2009-2010)

**Location of the National Veterinary Diagnostic Laboratories Strengthened Under OIE/JSTF Project Phase I (2006-2007) and Phase II (2008-2009)**



# Follow-up Training for Capacity building for HPAI Diagnosis in 2010-2011

## **-Training of Real Time PCR in 4 countries**

### **in February-March 2010 (National Training)**

(Participants : 38)

from Bangladesh(6), Bhutan(12), Nepal(10), Sri Lanka(10)

(Training subjects)

- General guidance of Real-Time PCR for the diagnosis of HPAI
- Hands-on Training of Real-Time PCR

Compare SYBR Green Method and Taq Man Method

## **- Follow up Hands on Training of DNA sequencer in Myanmar in November 2010**

## **- Individual Training of the Lab staff from Mongolia in collaboration with OIE Reference Lab (Hokkaido Univ.) in July 2011 and “On the Job training” in September 2011**

## **- Based on the request from the members, the follow-up training for the HPAI surveillance will be organized in collaboration with Reference Laboratory in 2012**

**4th OIE Regional Expert Group Meeting for Implementation of the Programme on Surveillance of Wild Birds and Domestic Animals along Migratory Flyways under the OIE/JTF Project for Strengthening HPAI Control in Asia, in collaboration with the Japanese Government, Ministry of Agriculture, Forestry and Fisheries (MAFF) and Ministry of Environment (MOE)**

**(Tokyo, Japan, 21-22 June 2011)**



# Main purposes of the 4<sup>th</sup> OIE Regional Expert Group Meeting

1. To feed back data and information obtained from the AI surveillance Programme on Wild Birds and Domestic Birds (conducted during Fiscal 2008-2010) to OIE members in Asia.
2. To discuss and prepare an Action Plan and methods for the implementation of the surveillance in Fiscal 2011
3. To share/update data and information about HPAI outbreaks including genetic information of isolated HPAI virus and possible roles/involvement of wild birds in spreading of the disease
4. To encourage OIE Members in Asia to strengthen function of the surveillance of wild birds in relation to HPAI control and prevention
5. To encourage OIE Members in Asia **to establish a network between Veterinary authorities and competent authorities on wild birds at national and regional levels** in relation to HPAI control

## **Some recognitions by the 4<sup>th</sup> Expert meeting**

- 1. Wild birds may potentially have acted as temporary agents for the introduction and secondary spread of HPAI to the poultry sector in those countries. Further investigation and research are required to determine the source of introduction and spread of HPAI virus in Japan and RO Korea.**
- 2. It is of importance to establish and re-enforce networks between veterinary authorities and competent authorities on wild birds including related organizations like non-governmental/international organizations on wild birds.**
- 3. Surveillance of dead wild birds provides valuable information for the early warning/alert of HPAI outbreak to mitigate the introduction in domestic birds sectors.**

## **Some important recommendations by the 4<sup>th</sup> Expert meeting**

- 1. OIE Asia-Pacific should encourage/support OIE Members in Asia to collaborate with Hokkaido University in influenza A virus studies as well as diagnosis by providing isolates and specimens to Hokkaido University as a center for HPAI and LPAI in Asia under the OIE Surveillance Programme.**
- 2. OIE Asia-Pacific should promote synergy with its partner organizations (FAO, Wetlands International, etc.) for the effective and efficient implementation of the OIE Surveillance Programme.**
- 3. The OIE Surveillance Programme should continue in Vietnam and Mongolia for next two years to obtain more findings and data to elucidate a potential involvement of wild birds and domestic poultry in the spread of H5N1 virus in Asia.**

# Preparedness for Emerging Animal Diseases & Zoonoses

- **OIE/FAO-APHCA Regional Workshop on Brucellosis**, to be held in Thailand, November 2010
- **OIE/FAO-APHCA Regional Workshop on Prion diseases including BSE**, RO Korea, February 2010
- **OIE/FAO-APHCA Regional Workshop on the OIE BSE risk status recognition**, Thailand, September 2010  
(Requested from ASEAN and Follow-up Workshop)
- **OIE/FAO-APHCA Regional Workshop on Bluetongue diagnosis and control** , Indonesia , March 2011  
To give the lectures and practice fo the diagonosis of Bluetongue

# FMD control activities

# Activities for FMD control in 2011

- 17<sup>th</sup> OIE Sub-Commission Meeting of SEAFMD March 2011, Bali, Indonesia
- 5<sup>th</sup> Regional Steering Committee Meeting of GF-TADs for Asia and the Pacific July 2011, Tokyo, Japan
- Upper Mekong FMD Control and Animal Movement Management (AMM) Working Group Meeting in 2011;
- Lower Mekong FMD Control and AMM Working Group Meeting; 2011

# Prevention and Control of Transboundary Animal Diseases under OIE/JTF project (New programme for FMD control in East Asia)

- OIE Asia-Pacific will commence 5 year new initiative to control FMD in the region under the **new Programme of JTF** (2011).
- Programme may include development of FMD eradication roadmap for the East Asia and support to exchange information on viral genetic data and vaccines administered.
  - Capacity building of laboratory work in the focused countries
  - Research work/ investigation in targeted countries
  - Gene analysis and sharing the information of isolated viruses
  - Establish the information network of FMD in East Asia

**The detailed activities will be decided in according to the discussion at the Inception Meeting of the project (including Regional Workshop and Expert group meeting) to be held in Tokyo, Japan in December 2011**

# GF-TADs activities

# Aims and Objectives of GF-TADs

- It is a joint FAO/OIE initiative, which combine the strengths of both organisations to achieve the prevention and control of animal diseases worldwide
- GF-TAD intend to be a facilitating mechanism to provide capacity building and establishing programme for control of diseases in particular to address their regional and global dimension

# Meetings of GF-TADs in 2005-2011

- **1<sup>st</sup> Regional Steering Committee Meeting** in Tokyo, Japan, 7-9 March 2005
- **2<sup>nd</sup> Regional Steering Committee Meeting** in Bangkok, Thailand, 18-19 July 2007
- **Sub-Regional Meetings**
  - SAARC (Nepal) : 4-5 June 2009
  - SPC (Fiji) : 25-26 June 2009
  - ASEAN (Indonesia) : 7-8 December 2009
- **3<sup>rd</sup> Regional Steering Committee Meeting** in Tokyo, Japan, 23-24 July 2009
- **4<sup>rd</sup> Regional Steering Committee Meeting** in Bangkok, Thailand, 1-2 July 2010
- **5<sup>th</sup> Regional Steering Committee Meeting** in Tokyo, Japan, 21-21 July

# 5th FAO/OIE RSC Meeting of GF-TADs for Asia-Pacific Region 21-22 July 2011



# 5<sup>th</sup> Regional Steering Committee Meeting

- The 5<sup>th</sup> Regional Steering Committee Meeting on GF-TADs for Asia and the Pacific was held in July 2011 in Tokyo, Japan.
- The meeting was held back to back with the 2<sup>nd</sup> Steering Committee of HPED Programme as per recommendations of the 3<sup>rd</sup> RSC Meeting of GF-TADs.
- Both the Meetings were attended by more than 50 participants from various organizations,

# **Main Recommendations of the 5<sup>th</sup> RSC meeting that need further follow-up (1)**

- GF-TADs should continue to advocate resources from donors to continually address capacity building to strengthen Veterinary Services in compliance with OIE standards.
- Efforts should be made through the GF-TADs umbrella to seek funds for addressing FMD in endemic countries
- The OIE PVS Pathway in the developing countries should be given high priority in order to continue building capacity of key national institutions, including better functioning veterinary services with the necessary authoritative powers to implement essential control measures and regulations.

# Main Recommendations of the 5<sup>th</sup> RSC meeting that need further follow-up (2)

- A meeting among sub-regional country representatives, OIE, FAO, and key donors should be convened in East Asia to define the process leading to development of national strategies and a sub-regional roadmap toward FMD control and progressive eradication.
  - Global GF-TADs FMD working group should assess world production capacity of FMD vaccine in order to meet future demands related to in the context of the Global FMD Control Strategy.
  - The supports to member countries should be increased to conduct epidemiological studies, and strengthen the capabilities for diagnosis, control and management of swine diseases such as PRRS and CSF.
-

# Tentative Work Plan for JFY 2012

- **Priority areas of Animal Health at the Regional level**
  - Strengthen National Veterinary Services in the Region
  - Capacity building; Regulatory/Strategies and Diagnosis/Surveillance
  - Application of International Standards for Animal Health <OIE Standards>
- **Regional Alliance/Cooperation for Animal Health**

# Good Governance Workshops

## Regional Seminar for newly assigned OIE Delegates in the Region

January (?) 2012, Tokyo

## Focal Points Training Workshops for

- Animal Welfare II ; Tokyo, December 2011
- Food safety and Animal Production : November (?) 2012
- Communication of Animal health ; late 2012 (?)

# Specific Diseases control

- OIE/FAO-APHCA Regional Workshop on **Blue Tongue**, February(?) 2012
- 6<sup>th</sup> GF-TADs Regional Steering Committee Meeting, July 2012
- 1<sup>st</sup> Steering Committee meeting for FMD control in East Asia, June 2012, Tokyo, Japan
- **HPAI (separate slides)**

# HPAI

- The 5<sup>th</sup> OIE Regional Meeting on Strengthening Animal Health **Information Networking** and on **Legislation** (both esp. for HPAI) , Japan, September (?) 2012
- The 5<sup>th</sup> OIE **Regional Expert Group Meeting**, Japan, April or May 2012
- **Field Surveillance of AI** in domestic animals and wild birds, in **Vietnam** (Jan.-Feb.2012), **Mongolia** (July,2012) and, in line with the 4th Expert Group Meeting

# Meetings of Partners planned for 2012 (Participation by OIE Asia-Pacific)

- FAO and FAO/APHCA: Regional Meeting
- NACA: Advisory Group Meeting for Aquatic Animal Diseases
- WHO: WHO WPRO Regional Meeting  
WHO SEARO Regional Meeting
- WTO: WTO-SPS Regional Meeting
- ASEAN: ASEAN ASWGL Meetings
- SAARC: SAARC CVO Meetings
- PHOVAPS: Pacific Heads of Veterinary and Production Services Meeting for SPC

**Thank you for  
your attention!!**