



D7.6 Professional Questionnaires



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D 7.6

(PROFESSIONAL QUESTIONNAIRES)

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RE	Restricted to a group specified by the consortium (including the Commission Services)	
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Partnership



Food and Agriculture Organization of the United Nations



Europa Media Non-profit Ltd.



Royal Veterinary College



Centre de Coopération Internationale en Recherche Agronomique pour le Développement.



National Veterinary Institute



Shanghai Veterinary Research Institute



Harbin Veterinary Research Institute



China Animal Health and Epidemiology Center



Beijing Chinese Center for Disease Control and Prevention



Sociedade Portuguesa de Inovação



Huazhong Agricultural University

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Acronyms

EU	European Union
FAO	Food and Agriculture Organization of the United Nations
FAO/IAEA	Joint FAO/IAEA Division for Nuclear Applications in Food and Agriculture
RVC	Royal Veterinary College
SVA	National Veterinary Institute
CIRAD	Centre de Coopération Internationale en Recherche Agronomique pour le Développement
SPI	Sociedade Portuguesa de Inovação
CADC	China Animal Disease Control Centre
CAHEC	China Animal Health and Epidemiology Center
SHVRI	Shanghai Veterinary Research Institute
HVRI	Harbin Veterinary Research Institute
HZAU	Huazhong Agricultural University
CSF	Classical Swine Fever
ASF	African Swine Fever
TADs	Transboundary Animal Diseases



01.

Introduction

1 Introduction

1.1 Purpose

Task 7.2 Laboratory and Epidemiology Work is led by SHVRI, main contributors are FAO, RVC, CIRAD, SVA, HVRI, CAHEC, CADC and SPI. This task aims to enhance collaboration between research institutes in China and EU on selected topics through increased outstanding, cooperation with interested European and Chinese scholars, researchers and other stakeholders from different institutions. Based on the research topics and diseases prioritized by European and Chinese partners, the project team will organize three exchange programmes on selected topics.

In order to better organize the exchange programmes, a professional questionnaire was constructed and distributed among the project partners to identify the topics, hosting institutions, tutors as well as participants.

1.2 Feedback from project partners

A professional questionnaire was drafted by SHVRI and distributed among the project partners in August 2014 for suggestions and comments. The professional questionnaire included three specifically designed exchange programme (see Appendix for details):

- (i) Exchange programme 1, titled “Deepen collaboration on vector-borne diseases” to be carried out by SHVRI, CIRAD and SVA.
- (ii) Exchange programme 2, titled “Strengthen the collaboration on diagnostic technologies” to be performed by IAEA, CIRAD, SVA, RVC, CADC, CAHEC, HVRI, SHVRI and HZAU.
- (iii) Exchange programme 3, titled “Strengthen collaboration on epidemiology and vaccine development” to be performed by CADC, HVRI, CAHEC, HZAU, SHVRI, IAEA, RVC, CIRAD and SVA.

The feedbacks from project partners include: (i) The project partners discussed the issues of budget and number of participants; (ii) The possible dates and hosting institutions were discussed; (iii) The project partners suggested that the exchange programmes should more concentrated on specialized topics; (iv) The project partners suggested an idea that exchange programmes can be conducted in collaboration with other projects.

1.3 Discussion of the professional questionnaires during the first progress meeting

Based on the feedbacks from partners, the drafted exchange programme plan seemed unfeasible. Therefore, the exchange programmes were largely modified and further discussed with project partners during the first progress meeting held in Shanghai on October 15-17, 2014. The discussions included the topic, date, tutor, hosting institutions, numbers of participants of each exchange programme as well as the budget issues.



02.

Result of Professional Questionnaires

2 Result of professional questionnaires

2.1 Topics of exchange programmes

The list of prioritized topics (D 7.1) for exchange programmes was discussed by project partners during the WP4 first workshop held in Shanghai, 2014. Based on the list and the results of online survey designed by RVC, the final three topics were selected after discussion during the first progress meeting, which are as following:

- (i) Share and exchange technologies in development of novel diagnosis
- (ii) Collaboration on surveillance of vector-borne virus (Flavivirus)
- (iii) Epidemiology and risk analysis (to be modified)

2.2 Hosting institutions and tutors

Based on the selected topics and the existing collaborations set up between European and Chinese partners, the hosting institutions and tutors were identified after discussion. The selected institutions agreed to perform the exchange programmes.

2.2.1 HVRI and SVA

HVRI and SVA have set up a joint Laboratory of Veterinary Microbiology in September 2014. The aim of the Joint Laboratory is to enhance the control, improve the diagnostic capabilities and increase the knowledge of infectious animal diseases. HVRI and SVA agreed to conduct the first exchange programme titled “Share and exchange technologies in development of novel diagnosis”. Dr. Huaji Qiu from HVRI was assigned as a tutor.

2.2.2 SHVRI and CIRAD and SVA

SHVRI and CIRAD and SVA made a verbal agreement on the collaboration of vector-borne diseases at the WP4 first workshop held in Shanghai, 2014. They co-applied for China-EU international S&T collaboration project from the Ministry of Science and Technology of China in June, 2014 and the proposal titled “Eco-epidemiology and risk analysis of genotype shift of Japanese encephalitis virus in pigs and mosquitos” has been funded. This project provides financial opportunity to organize the second exchange programme titled “Collaboration on surveillance of vector-borne virus (Flavivirus)”. Dr. Zhiyong Ma from SHVRI was assigned as a tutor.

2.2.3 CIRAD and CAHEC

There are several projects, such as RiskSur and STAR-IDAZ, involving CIRAD and CAHEC at present. CIRAD and CAHEC agreed to conduct the third exchange programme titled “Epidemiology and risk analysis (to be modified)”. Dr. Julien Cappelle from CIRAD was assigned as a tutor.

2.3 Participants

According to the project agreement, the exchange programme aims to enhance collaboration between research institutes in China and EU on selected topics through bringing outstanding, interested European and Chinese scholars, researchers and other stakeholders to each other’s institutions. The participants including young and experienced researchers were selected from both sides for the exchange programmes. The project partners considered that the participation of experienced researchers in exchange programmes would be more beneficial for LinkTADs and the future EU-China collaboration, because the experienced researchers are leaders of research

groups in their institutions and are able to logistically organize the exchange programmes as well as future collaboration.

2.4 Conclusion

Based on the results of professional questionnaires, the exchange programme plan was finalized and approved by project partners after extensive discussion during the first progress meeting, which is provided in the following section of this report.



03.

Final Exchange Programme Plan

2 Final exchange programme plan

2.1 Exchange programme 1

Exchange work plan		Notes
Topic	Share and exchange technologies in development of novel diagnosis	
Date	June 24-30, 2014/18-31 October, 2014	
Tutor	Huaji Qiu (HVRI)	
Hosting institutions	HVRI and SVA	
Participants	Lihong Liu (SVA) and Yuzi Luo (HVRI)	
Description	<p>(1) Dr.Lihong Liu from SVA visited HVRI on June 24-30, 2014. During the visit, Dr. Liu demonstrated a portable real-time PCR in Dr.Hua-Ji Qiu's lab of HVRI. They exchanged the research progress and discussed the possible collaborations between HVRI and SVA.</p> <p>(2) Dr.Yuzi Luo from HVRI visits SVA on October 18-31, 2014. During the visit, Dr.Luo evaluated several diagnostic assays for CSF and ASF developed in HVRI.</p>	

2.2 Exchange programme 2

Exchange work plan		Notes
Topic	Collaboration on surveillance of vector-borne virus (Flavivirus)	
Date	July, 2015/October, 2015 (exact date to be discussed)	
Tutor	Zhiyong Ma(SHVRI)	
Hosting institutions	SHVRI and CIRAD and SVA	
Participants	<p>Zhiyong Ma and Jianchao Wei from SHVRI</p> <p>Julien Cappelle and Véronique Chevalier from CIRAD</p> <p>Bo Frederik Widén and Lihong Liu from SVA</p>	
Description	<p>(1) This exchange programme is collaborated with a China-EU international S&T collaboration project funded by the Ministry of Science and Technology of China. SHVRI, CIRAD and SVA form the consortium of this project.</p> <p>(2) Scientists from CIRAD and SVA wk.. visit SHVRI and detect flavivirus in mosquito samples collected in China in July 2015.</p> <p>(3) Scientists from SHVRI will visit CIRAD and SVA and co-analyse data obtained from mosquito simples in October, 2015.</p>	

2.3 Exchange programme 3

Exchange work plan		Notes
Topic	Epidemiology and risk analysis(to be modified)	
Date	2016 (exact date to be set up)	
Tutor	Julien Cappelle (CIRAD)	
Hosting institutions	CIRAD and CAHEC	
Participants	To be identified	
Description	<p>(1) This exchange programme will be organized in collaboration with other projects such as RiskSur and STAR-IDAZ.</p> <p>(2) The exchange activities will be discussed and set up in the future.</p>	



04.

Appendix

3 First version of professional questionnaires

According to the objectives of WP7, we need to organize 3 exchange programmes during the course of the project. The following exchange programmes were drafted based on prioritized topics gained from the Shanghai workshop and the results gained from Task 7.1.

Because the budget of WP7 has been allocated to each partner, the expenses of participants and the staff costs are covered by the budgets allocated to their institutions, with the exception of the exchange programme 1, the expenses of which will be covered by China-EU collaboration project co-applied by SHVRI, CIRAD and SVA.

Because of the budget limitation, WP7 partners are encouraged to seek for additional financial support to make the exchange programmes more fruitful.

3.1 Exchange programme 1

Objective: deepen collaboration on vector-borne disease

Draft plan		Your suggestions/comments
Topic	Collaboration on surveillance of vector-borne virus (Flavivirus)	
Date	September, 2015 (3 weeks)	
Organizer/tutor	Zhiyong Ma (SHVRI)	
Place	SHVRI (Shanghai and Guangxi, China)	
Participants	4 scientists from SHVRI	
	2 scientists from CIRAD	
	2 scientists from SVA	
	(add your institution here if you want to participate)	
Agenda	Day 1 registration at SHVRI	
	Day 2 introduction and discussion of the programme	
	Day 3 visit local veterinary station in Shanghai	
	Day 4 laboratory works	
	Day 5-8 sampling in pig farms in Shanghai	
	Day 9 move to Guangxi	
	Day 10 visit local veterinary station in Guangxi	
	Day 11-14 sampling in pig farms in Guangxi	
	Day 15 move back to Shanghai	
	Day 16-20 laboratory works	
Day 21 closing		
Budget	SHVRI, CIRAD and SVA have co-applied for China-EU collaboration project from MOST of China. The expenses of participants are covered by the project.	

3.2 Exchange programme 2

Objective: strengthen the collaboration on diagnostic technologies

Draft plan		Your suggestions/comments
Topic	Share and exchange technologies in development of novel diagnosis	
Date	July, 2015 (2-3 weeks)	
Organizer/tutor	Ivancho Naletoski (FAO/IAEA)	
Place	IAEA, CIRAD, SVA, RVC	
Participants	2 scientists from CADC	
	2 scientists from CAHEC	
	2 scientists from HVRI	
	2 scientists from SHVRI	
	2 scientists from HZAU	
	(add your institution here if you want participate)	
Agenda	Day 1 registration at IAEA	Tutor: Ivancho Naletoski
	Day 2 introduction and visit to IAEA laboratories	
	Day 3-4 laboratory works on diagnostic technologies	
	Day 5 transfer to CIRAD	Tutor: Julien Cappelle
	Day 6 introduction and visit to CIRAD laboratories	
	Day 7-8 laboratory works on eco-epidemiological methods.	
	Day 9 transfer to RVC	Tutor: Dirk Pfeiffer
	Day 10 introduction and visit to RVC laboratories	
	Day 11-12 laboratory works on epidemiological analysis methods.	
	Day 13 transfer to SVA	Tutor: Frederik Widén
	Day 14 introduction and visit to SVA laboratories	
	Day 15-16 laboratory works on field diagnosis technologies	
Day 17 closing		
Budget	The expenses of participants are covered by the budget of LinkTADs allocated to their institutions.	

3.3 Exchange programme 3

Objectives: strengthen collaboration on epidemiology and vaccine development

Draft plan		Your suggestions/comments	
Topic	Collaboration on epidemiology and vaccine development		
Date	May, 2016 (2-3 weeks)		
Organizer/tutor	Huaji Qiu (HVRI)		
Place	CADC, HVRI, CAHEC, HZAU, SHVRI		
Participants	2 scientists from FAO/IAEA		
	2 scientists from RVC		
	2 scientists from CIRAD		
	2 scientists from SVA		
	(add your institution here if you want participate)		
Agenda	Day 1 registration at CADC	Tutor: Xinyan Zhai	
	Day 2 introduction and visit to CADC laboratories		
	Day 3-4 laboratory works on epidemiological studies		
	Day 5 transfer to HVRI	Tutor: Huaji Qiu	
	Day 6 introduction and visit to HVRI laboratories		
	Day 7-8 laboratory works on vaccine development		
	Day 9 transfer to CAHEC	Tutor: Jingli Kang	
	Day 10 introduction and visit to CAHEC laboratories		
	Day 11-12 laboratory works on epidemiological studies.		
	Day 13 transfer to HZAU	Tutor: Ling Zhao	
	Day 14 introduction and visit to HZAU laboratories		
	Day 15-16 laboratory works on vaccine development		
	Day 17 transfer to SHVRI	Tutor: Zhiyong Ma	
	Day 18 introduction and visit to SHVRI laboratories		
	Day 19-20 laboratory works		

	on epidemiological studies		
	Day 21 closing		
Budget	The expenses of participants are covered by the budget of LinkTADs allocated to their institutions.		