Theme	MC	Institution	Contact	Activities			
				Provide support as a centre of research, expertise, standardization and dissemination of techniques	Provide scientific and technical training	Others supports	Planned activity
Animal Food Safety and Analysis	Japan	Food and Agricultural Materials Inspection Center (FAMIC)	[illegible]	FAMIC can provide advice and training about feed analysis. *We provide only for official institutes or equivalent institutes.	FAMIC can provide advice and training about feed analysis. *We provide only for official institutes or equivalent institutes.		- 2020-2021: FAMIC plans to organise training courses on analysis of toxic substance in animal feed in 2020-2021; targeting participants from Asia and the Pacific region.
Animal Welfare Science and Biotechnical Analysis	Australia	Department of Agriculture and Water Resources Department of Agriculture	[illegible]	No information			
	New Zealand	Ministry for Primary Industries	[illegible]	No information			
	Australia	Animal Welfare Science Centre Faculty of Veterinary and Agricultural Sciences The University of Melbourne	[illegible]	No information			
	Australia	CSIRO	[illegible]	No information			
	New Zealand	Animal Welfare Science and Biotechnical Centre Massey University	[illegible]	No information			
	Australia	Centre for Animal Welfare and Ethics School of Veterinary Science	[illegible]	No information			
	New Zealand	Animal Behaviour and Welfare Research Centre AgResearch Ltd Ruakura Research Centre	[illegible]	No information			
Diagnosis and Control of Animal Diseases and Related Veterinary Product Assessment in Asia	Japan	National Institute of Animal Health (NIAH)	[illegible]	NVAL provides consultation to MCs relevant to VMPs, such as AMR surveillance, quality control of VMPs, assay methods etc., upon their requests.	NVAL organises hands on training on AMR and quality control of VMPs to strengthen the capacity of AMR surveillance, AMU monitoring and quality control of VMPs upon request from MCs NIAH, NARO conducts JICA training course on veterinary diagnostic technology.		NVAL has been organising short-term hands-on training on VMPs for MCs, but because of COVID-19, there are no preparedness for the next 1-2 year. Please check the summary of our past activities on our web-site. URL: https://www.maff.go.jp/nval/english/siocollabo/index.html
	Japan	National Veterinary Assay Laboratory(NVAL)	[illegible]				
Diagnostic Test Validation Science in the Asia-Pacific Region	Australia	CSIRO Australian Centre for Disease Preparedness (ACDP, former AAHL)	[illegible]	The Collaborating Centre for Diagnostic Test Validation Science is an international scientific consortium that combines expertise in diagnosis, epidemiology, modelling and statistics for terrestrial and aquatic diseases. The CC is a reference group supporting OIE in dealing with increasing requests for approval of diagnostic tests and supporting OIE in developing and documenting standards for diagnostic test validation.	Workshops for diagnostic test validation and result interpretation include an overview of OIE's validation principles and methods and use of Bayesian Latent Class Analysis (BLCA).	Consulting, services, standardisation: Review of OIE validation/certification/registration procedure for diagnostic tests - Review of serological tests for glanders - validation and comparison of molecular tests for Tilapia Lake Virus (TiLV) by interlaboratory comparisons - OIE Certification/Registration of test kits (chair): NSP/PMO (x2), BovTB (x2) , MERS, Shrimp diseases, Salmonella ovis - Validation of new technologies, e.g. LAMP (FMD, ASF), Biomarkers M.bovis, validation of tests in wild mammals - Training 2019 Test validation methods and results interpretation: Australia, Singapore, Portugal, Austria - International Research Collaboration, e.g. Vetlab : FAO /IAEA Vienna , Austria, 19-23 August 2019; 25+	(Online) validation workshops with particular emphasis on OIE validation pathway, principles and methods, STARD (Standards for reporting diagnostic accuracy studies) and use of Bayesian Latent Class Analysis (BLCA) - Review of validation chapters in OIE manual - ZODIAC HEA project for preparedness of new and emerging diseases - OIE Sci. Tech Rev. series "Diagnostic test validation: a key element for effective detection and control of infectious animal diseases" (23 chapters): OIE code (2021)
	Australia	CSIRO Australian Centre for Disease Preparedness (ACDP, former AAHL)	[illegible]				
	New Zealand	EpiCentre EpiCentre Institute of Veterinary and Biomedical Sciences Massey University	[illegible]				
Food Safety	Japan	Laboratory of Food Chemistry Graduate School of Agricultural and Life Sciences Graduate School of Agriculture and Life	[illegible]	No information			
	Singapore	National Centre for Food Science (NCFS)	[illegible]	1.NCFS has a strong team of multi-disciplinary scientific professionals who can share expertise in the following areas: •Food testing and diagnostic capabilities covering a wide spectrum of foodborne hazards •Food forensics and foodborne outbreak investigation •Risk assessment and data analytics •Applied research and development in food safety e.g. rapid on-site detection kits, non-target detection of food contaminants, etc. 2.NCFS can coordinate joint studies or collaborative monitoring programs among interested OIE Members to generate scientific data for supporting international food safety standard setting (e.g., CODEX pesticide MRL standards, CODEX foodborne contaminants limits for heavy metals, and etc.) 3.NCFS can participate in joint research projects to address emerging needs in food safety testing •Rapid On-Site Detection systems/kits •Antimicrobial Resistance •Detection of foodborne nanoparticles •Detection and survey of microplastics in food supply chain •Food Safety Risk Assessment •Food Allergens	NCFS actively contributes to international capacity building programs over many years for strengthening the food safety and diagnostic capabilities of OIE Members under the auspices of international organizations including (1) FAO, GFSP, IAEA, INFOSAN as well as Singapore Cooperation Program (SCP). Our Centre has organized 13 related capacity building activities in terms of laboratory training and proficiency testing in the areas of pesticide residues, drug residues, toxins, heavy metals, AMR, radionuclides and GMOs in the past 3 years. Meanwhile, our Scientists have been involved in overseas expert mission on the invitation of our international stakeholders. More activities are in the pipeline of 2020 and 2021.	NCFS reaches out to non-government stakeholders, food industry including importers and exporters to share guidelines and best practices as well as to provide technical support and training on food safety testing to strengthen their competency and capabilities in food safety compliance.	- 2021.5/2020.9: Training workshop on Environmental Contaminants – Tentatively to be held on Sep 2020, Sep 2021 - 2020.11/2021.11: Training workshop on Pesticide Residues– Tentatively to be held on Nov 2020, Nov 2021 - 2021.1: Training workshop on Mycotoxins Tentatively to be held on Jan 2021
	Japan	School of Veterinary Medicine(SVM), Rakuno Gakuen University	[illegible]	1. The Division of Health and Environmental Sciences (DHES), Rakuno Gakuen University (RGU) supports OIE Members as a centre of research and expertise on following fields: ・Herd health ・Bovine mastitis ・Antimicrobial resistance ・Molecular studies on zoonoses ・Epidemiology, risk assessment, mathematical modelling and socioeconomics of animal infectious and zoonotic diseases ・Environmental sciences ・Ethics 2. With supports from JICA and other funders, the DHES provides extension services including dissemination of techniques and field projects of interventions within the above-mentioned expertise.	The DHES provides research-based scientific and technical training as a graduate school, and welcomes postgraduate students funded by the OIE Member Country. The DHES also provides short courses and seminars from time to time, particularly related with collaborative research activities and the OIE programmes. In the past, it provided short courses on risk assessment, epidemiology, dairy herd health, mastitis control, antimicrobial resistance and environmental science. The DHES provides 1-2 years research-based technical assistance funded by Japan Veterinary Association and public grants of the OIE Member countries.	The DHES collaborates with JICA on the technical assistance and field intervention programs in OIE Member countries. The DHES member provides support to FAO as an expert of food safety risk assessment.	2021: The RGU is reforming itself for the upgrade of education system, and new plans will be announced in 2021 April.
Food-Borne Parasites from Asia-Pacific Region	China	Key Laboratory for Zoonosis Ministry of Education Institute of Zoonosis Jilin University	[illegible]	The center has the independent capabilities and skills to perform diagnostic tests and characterization for parasites transmitted by food: Helminthes (Trichinella sp.; Cysticercosis, Clonorchis sinensis), Protozoa (Toxoplasma, Cryptosporidium). It also works to develop new diagnostic methods and produce reference reagents If necessary, it can provide advice for national or regional control policy and related education for national or regional people as well.	It can provide training, expertise, scientific and technical support to laboratories in this field in China and other Asian-pacific region	OIE collaborating center on Foodborne parasites in Asia area will have a strong link with existing and future OIE collaborating centers on the same topics, parasites transmitted by food. The center will fit the recent recommendations and classification by FAO and CODEX (Nov. 2012) and QA ISO 17025 standards on the neglected parasites transmitted by food.	2020.01-2020.12: Establishment of the external website of OIE Collaborating Center for Food-borne Parasites in Asian-Pacific Region 2021.01-2021.06: Complete stand and procedure release 2021.07-2022.12: Establish coordinated depository
Laboratory Capacity Building	Australia	Australian Animal Health Laboratory (AAHL) Livestock Industries	[illegible]	No information			
New and Emerging Diseases	Australia	Australian Animal Health Laboratory (AAHL) Livestock Industries	[illegible]	No information			
Surveillance and Control of Animal Protozoan Diseases	Japan	National Research Center for Protozoan Diseases Obihiro University of Agriculture and Veterinary Medicine	[illegible]	Support to conduct epidemiological surveillance and risk assessment of animal protozoan diseases through international research collaboration and consultation, develop diagnostic tools in collaboration with the institutions in member countries, validate and standardize diagnostic tests through inter-laboratory testing, and provide diagnostic services and materials upon request *The diagnostic materials will be provided only after the recipient (institution) and CC enter into a Material Transfer Agreement. *The member countries should contact the CC in advance before sending any diagnostic specimens. Depending on the type of material, the CC may need to obtain an import permit from the related authorities in Japan.	Yes *The training will be provided free of charge. However, the trainees may be requested to cover the travel and other expenses depending on the availability of funds.		
Veterinary Epidemiology and Public Health	New Zealand	EpiCentre and mEpiLab, School of Veterinary Science Massey University	[illegible]	Transboundary disease research, study design, data analysis, source attribution studies, molecular pathogen strain typing	Training materials in digital self-learning format. We offer online training modules for epidemiology and public health , view www.epicentre.massey.ac.nz		- 2020.8: OIE Regional Workshop on 'Training of trainers in outbreak investigation' (Lao PDR, Aug 2020) - 2020.7: Workshop 'Exploring modern methods for purpose-focused diagnostic test validation and result interpretation', CSIRO/AAHL, Geelong, Melbourne, Australia, July 2020 #22
	China	Centre Animal Health and Epidemiology Centre Ministry of Agriculture	[illegible]	To place expert consultants at the disposal of the OIE, for example, ASF consultation. •Development and updating of technical standards for veterinary epidemiology and the resulting need for training and information exchange. •Cooperation with other OIE collaborating centres and reference laboratories, jointly carrying out surveillance, outbreak investigation, and research on prevention and control policies and measures according to the epidemic situation of transboundary animal diseases in the region. •Support other relevant institutions in the Asia-pacific region by carrying out joint research on transboundary animal disease prevention and control technologies, providing services such as training and expert consultation, organizing international seminars as and when demand arises. •Expansion of CFETPV trainee enrolment at CAHEC for the epidemiology network in China and collaborating countries. •Promotion of regional veterinary epidemiology network development. •To organise and participate in scientific meetings and other activities on behalf of the OIE.123	Yes		- 2020.6: Regional Training on Animal Disease Early Detection and Outbreak Investigation (June 2020, Qingdao, China) This workshop is designed to be an intensive, interactive, 3-day training on the different skills needed for disease early detection and outbreak investigation. The workshop will aim at improving knowledge on the key components of a systematic outbreak investigation, or how to conduct trace-back and trace-forward investigation, in biosecurity principles and practices during outbreak investigation; improving skills on communication within the outbreak team, with the public and media, with various government agencies such as local government authorities, industry groups and human health authorities; improving multi-sectoral collaboration in disease outbreak investigation at national and local level as well as encouraging public-private partnership. - 2020.8: East Asia Contact Persons Meeting Epidemiology Network Meeting held in conjunction with the SEACFMD Epidemiology Network Meeting (June 2020, Qingdao, China) The workshop will aim at sharing information amongst SE Asian and East Asia to exchange information on key transboundary diseases and other veterinary, to discuss how to continue to improve collaboration and coordination among members and to propose future activities and work plan.
Veterinary Services Capacity Building (Asia, the Far East and Oceania)	Thailand	Veterinary Public Health and Food Safety Center Faculty of Veterinary Medicine Kasetsart University	[illegible]		Yes	- Degree program: We offers the international program for Master degree focusing on Veterinary Public Health for regional veterinarian and other related professional. This program has been successfully conducted for more than 15 years, achieved graduates from 11 countries in Asia. The aim of this program is to provide knowledge and skill on food safety, animal health disease surveillance , zoonotic and transboundary disease to future workforce of OIE member countries in the region - Non-degree program: Short course training on OIE specific and advanced competencies and One-Health Leadership with the effective identified format such as face-to-face training, e-learning, on-site training, or combination. - Scientific meeting: With the purpose to be a platform for building network and sharing knowledge, the International Food Safety and Zoonosis Symposium for Asia Pacific has been held in Chiang Mai every 2 years.	- 2020.11: Master of Science (Veterinary Public Health) Program [Former Master of Veterinary Public Health (MVPH) Program] - 2020.12 : Global Health Institute 2020 and International Food Safety and Zoonosis Symposium for Asia-Pacific - 2021.7-8: Training course on Food Safety and Security from Animal Origin: Strengthening the Network for Sustainability
	Thailand	Division of International Livestock Organisations Department of Livestock Development Thailand Veterinary Research Institute	[illegible]	No information			
Zoonoses of Asia-Pacific	China	Chinese Academy of Agricultural Sciences	[illegible]	No information			