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**Committee on Sanitary and Phytosanitary Measures**

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## TECHNICAL ASSISTANCE TO DEVELOPING COUNTRIES

### COMMUNICATION FROM CANADA

The following communication, received on 19 October 2022, is being circulated at the request of the Delegation of Canada.

1. Canada would like to provide an update regarding the provision of technical assistance from January to December 2021.<sup>1</sup> Technical assistance has been provided to developing and least developed countries in accordance with Article 9 of the Agreement on the Application of Sanitary and Phytosanitary Measures. The assistance was primarily aimed at facilitating the development and implementation of sanitary and phytosanitary measures based on sound science. The attached table reflects Canadian technical assistance to developing and least developed countries in 2021. While every effort has been made to ensure that information contained in the table presents all relevant technical assistance projects, it may not constitute a complete compilation of technical assistance delivered given the number of Canadian government departments and agencies and the variety of delivery programs involved.
2. The monetary value of the technical assistance committed amounted to approximately CDN \$1.4 million between January and December 2021. It should be noted that, in many cases, the organizations providing the assistance also made additional in-kind contributions to projects.
3. Assistance was provided to more than 20 countries – in Africa, Latin America and the Caribbean, Central Asia and the Asia-Pacific region. Assistance was directed to both individual countries, groups of countries, and to international organizations.
4. Canada's assistance addressed three of the four broad categories listed in G/SPS/GEN/206: information; training; and "soft" infrastructure development (but not "hard" infrastructure development). Assistance from Canada covered most of the "typical areas of competence" listed under the headings of food safety, animal health and plant protection, in the Annex of G/SPS/GEN/206.
5. In all, 48 projects are listed for the period January to December 2021. Some of the projects listed are multi-year projects; however, projects are only reported once and generally in the year in which the project is initiated unless subsequent funded project extensions occur, or reported the amount on annual basis due to the progress of utilizing funding.

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<sup>1</sup> Canada has provided technical assistance updates for 2019 (G/SPS/GEN/1834), 2018 (G/SPS/GEN/1738), 2017 (G/SPS/GEN/1651), 2016 (G/SPS/GEN/1584), 2015 (G/SPS/GEN/1522), 2014 (G/SPS/GEN/1426), 2013 (G/SPS/GEN/1342), 2012 (G/SPS/GEN/1318), 2011 (G/SPS/GEN/1196), 2010 (G/SPS/GEN/1149), 2009 (G/SPS/GEN/1099), 2008 (G/SPS/GEN/1027), 2007 (G/SPS/GEN/1008), 2005-2006 (G/SPS/GEN/765), 2000-2004 (G/SPS/GEN/728), and for years prior to 2000 (G/SPS/GEN/143/Rev.1/Add.1).

**TECHNICAL ASSISTANCE PROVIDED BY CANADA  
JANUARY - DECEMBER 2021**

Sector	Description of Particular Programme	Form of Assistance	Provided to	Contact
Animal	Development and validation of lateral flow strip tests for foot-and-mouth disease (sat1, 2, and 3) diagnosis	Training	Botswana	<a href="mailto:Marie-Pierre.Mignault@inspection.qc.ca">Marie-Pierre.Mignault@inspection.qc.ca</a>
Plant	Analysis of new variants of dickeya/pectobacterium and development of reliable diagnostic methods to prevent introduction and further spread of the pathogens	Training	China	<a href="mailto:Marie-Pierre.Mignault@inspection.qc.ca">Marie-Pierre.Mignault@inspection.qc.ca</a>
Animal	CFIA (ncad)-Laboratorio de Referencia Regional de Sanidad Animal (LARRSA), Guatemala OIE twinning project to enhance diagnostic capacity for csf in Central and South America	Training	Central and South America	<a href="mailto:Marie-Pierre.Mignault@inspection.qc.ca">Marie-Pierre.Mignault@inspection.qc.ca</a>
Animal	CRA with M.C.I. sante animale: efficacy testing of the bivalent lumpy skin disease (lsd)-rvf and the trivalent rvf-sheep/goat pox (sgp)-peste des petits ruminants (ppr) vaccine candidates	Training	Morocco	<a href="mailto:Marie-Pierre.Mignault@inspection.qc.ca">Marie-Pierre.Mignault@inspection.qc.ca</a>
Animal	Project no. bio-2018-0025 capacity building for national and regional foot-and-mouth-disease control strategy	Training	Nigeria and West African countries	<a href="mailto:Marie-Pierre.Mignault@inspection.qc.ca">Marie-Pierre.Mignault@inspection.qc.ca</a>
Animal	Project no. bio-2018-0026 anthrax biological threat reduction in Ghana	Training	Ghana	<a href="mailto:Marie-Pierre.Mignault@inspection.qc.ca">Marie-Pierre.Mignault@inspection.qc.ca</a>
Animal	Project no. bio-2018-0029 building sustainable diagnostic capability for eradication of African swine fever in Ghana	Training	Ghana	<a href="mailto:Marie-Pierre.Mignault@inspection.qc.ca">Marie-Pierre.Mignault@inspection.qc.ca</a>
Animal	Project no. bio-2018-0030 enhancing the biosafety, biosecurity and diagnostic capability of Accra veterinary laboratory with emphasis on highly pathogenic avian influenza	Training	Ghana	<a href="mailto:Marie-Pierre.Mignault@inspection.qc.ca">Marie-Pierre.Mignault@inspection.qc.ca</a>
Animal	CFIA (ncad)-Accra veterinary laboratory of the veterinary services director of Ghana OIE twinning project to enhance diagnostic capacity for avian influenza in Ghana	Training	Ghana	<a href="mailto:Marie-Pierre.Mignault@inspection.qc.ca">Marie-Pierre.Mignault@inspection.qc.ca</a>
Animal	Transfer of bovine epithelial tissue for use in Inter-Laboratory Comparison (ILC) and Proficiency Testing (pt)	Training	Botswana	<a href="mailto:Marie-Pierre.Mignault@inspection.qc.ca">Marie-Pierre.Mignault@inspection.qc.ca</a>
Food	Export Inspection Council & Agriculture And Processed Food Products Export Development Authority (both under Ministry of Commerce) co-hosted the CFIA's workshop on chemical contaminants in food	Information	India	<a href="mailto:Marie-Pierre.Mignault@inspection.qc.ca">Marie-Pierre.Mignault@inspection.qc.ca</a>

Sector	Description of Particular Programme	Form of Assistance	Provided to	Contact
Plant	The project aims to improve the capacity of the Senegalese Ministry of Agriculture and Rural Equipment in the development of a seed control system as well as a risk assessment and risk management system for seeds and biotechnology products for Senegal.	Training	Senegal	<a href="mailto:Marie-Pierre.Mignault@inspection.qc.ca">Marie-Pierre.Mignault@inspection.qc.ca</a>
Food	Workshop to Costa Rica on Chemical Contaminants in Imported Food	Information	Costa Rica	<a href="mailto:Marie-Pierre.Mignault@inspection.qc.ca">Marie-Pierre.Mignault@inspection.qc.ca</a>
Food	Workshop to Mexico on Microbiologic Issues in Imported Food	Information	Mexico	<a href="mailto:Marie-Pierre.Mignault@inspection.qc.ca">Marie-Pierre.Mignault@inspection.qc.ca</a>
Food	Workshop to India on Undeclared Allergens in Imported Food	Information	India	<a href="mailto:Marie-Pierre.Mignault@inspection.qc.ca">Marie-Pierre.Mignault@inspection.qc.ca</a>
Food	Workshop to Guatemala on Microbiologic Issues in Imported Food	Information	Guatemala	<a href="mailto:Marie-Pierre.Mignault@inspection.qc.ca">Marie-Pierre.Mignault@inspection.qc.ca</a>
Food	Workshop to Viet Nam on Microbiologic Issues in Imported Food	Information	Viet Nam	<a href="mailto:Marie-Pierre.Mignault@inspection.qc.ca">Marie-Pierre.Mignault@inspection.qc.ca</a>
Food	Workshop to Chile on Chemical Contaminants in Imported Food	Information	Chile	<a href="mailto:Marie-Pierre.Mignault@inspection.qc.ca">Marie-Pierre.Mignault@inspection.qc.ca</a>
Plant	Risk Based Inspections - International Best Practices Webinar to Ethiopia	Training	Ethiopia	<a href="mailto:Marie-Pierre.Mignault@inspection.qc.ca">Marie-Pierre.Mignault@inspection.qc.ca</a>
Plant	Multi-year technical assistance project to Senegal in the seed sector	Training	Senegal	<a href="mailto:Marie-Pierre.Mignault@inspection.qc.ca">Marie-Pierre.Mignault@inspection.qc.ca</a>
Plant	Multi-year technical assistance project to Senegal in the seed sector	Training	Senegal	<a href="mailto:Marie-Pierre.Mignault@inspection.qc.ca">Marie-Pierre.Mignault@inspection.qc.ca</a>
Plant	Multi-year technical assistance project to Senegal in the seed sector	Training	Senegal	<a href="mailto:Marie-Pierre.Mignault@inspection.qc.ca">Marie-Pierre.Mignault@inspection.qc.ca</a>
Animal	Technical assistance to SENASA Peru: Risk-based Border Inspection of Livestock Imports and Exports in Peru	Training	Peru	<a href="mailto:Marie-Pierre.Mignault@inspection.qc.ca">Marie-Pierre.Mignault@inspection.qc.ca</a>
Animal	Vaccine Efficacy against Rift Valley Fever Virus and Lumpy Skin Disease Challenge in Calves and Sheep	Training	Morocco	<a href="mailto:Marie-Pierre.Mignault@inspection.qc.ca">Marie-Pierre.Mignault@inspection.qc.ca</a>
Animal	High consequence emerging viral diseases of swine in Caribbean region	Training	Caribbean	<a href="mailto:Marie-Pierre.Mignault@inspection.qc.ca">Marie-Pierre.Mignault@inspection.qc.ca</a>
Food Safety	Support to the FAO for the development of guidance for foodborne AMR Risk Assessment	Funding	Global	<a href="mailto:Brent.wilson@agr.qc.ca">Brent.wilson@agr.qc.ca</a>
Food Safety	Support to Standards and Trade Development Facility (STDF) for implementation of international SPS standards, guidelines and recommendations	Funding / Capacity Building	Global	<a href="mailto:Brent.wilson@agr.qc.ca">Brent.wilson@agr.qc.ca</a>
Plant Health	Support to IPPC projects related the ePhyto Hub, the Sea Containers Task Force, and new draft standards and risk assessment guidance	Funding	Global	<a href="mailto:Brent.wilson@agr.qc.ca">Brent.wilson@agr.qc.ca</a>
Animal Health	Support to OIE for the coordination and support of Standing Group of Experts on African Swine Fever for the Americas	Funding	Americas	<a href="mailto:Brent.wilson@agr.qc.ca">Brent.wilson@agr.qc.ca</a>

Sector	Description of Particular Programme	Form of Assistance	Provided to	Contact
Animal Health	Projects 109080 and 109212 presented at International Veterinary Vaccine Network (IVVN) <b>virtual webinars</b> 21 June and 30 November 2021), establishing collaborations between the UK and LMICs for the development of Veterinary vaccines for priority diseases	Information	Brazil, Egypt, India, Kenya, South Africa	<a href="mailto:rlaroque@idrc.ca">rlaroque@idrc.ca</a>
Animal Health	Project 109061 and 109063 teams participated WELI Quantitative Data Analysis for LVIF Projects from 8-12 February 2021 Virtual GIVE team members and members from other LVIF projects	Training	Kenya	<a href="mailto:rlaroque@idrc.ca">rlaroque@idrc.ca</a>
Animal Health	Project 109063 team ran a Data Analysis Training Workshop 1-3 March 2021 Makueni County, Kenya GIVE project members including 6 Masters students & 2 Facilitators (M=11, F=11)	Training	Kenya	<a href="mailto:rlaroque@idrc.ca">rlaroque@idrc.ca</a>
Animal Health	Project 109064 team attended <b>virtual</b> WELI qualitative training and training on 'Best ways to access vaccines' 11-22 March 2021 - four enumerators - seven members of CARE team.	Training	Ghana	<a href="mailto:rlaroque@idrc.ca">rlaroque@idrc.ca</a>
Animal Health	Project 109064 team attended Training on the use of Cowtribe mobile Apps to profile, form groups, acquire farmers, deliveries and reporting. 6th November 2020, 19 and 24 February 2021 - two vet technicians - five members of Cowtribe team	Training	Ghana	<a href="mailto:rlaroque@idrc.ca">rlaroque@idrc.ca</a>
Animal Health	Project 109064 team attended <b>virtual</b> Training on preventive animal care e.g PPR disease and vaccination 15 March 2021 - two vet technicians - three members of Cowtribe team	Training	Ghana	<a href="mailto:rlaroque@idrc.ca">rlaroque@idrc.ca</a>
Animal health	Project 108628 team trained five young members of staff on temporary appointment at Kenya Agricultural and Livestock Research Organization (KALRO) in molecular techniques including DNA extraction from ticks and E. ruminantium qPCR analysis	Training	Muguga, Kenya	<a href="mailto:rlaroque@idrc.ca">rlaroque@idrc.ca</a>

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Animal Health	<p>Project 109080 team held two county government project sensitization events:</p> <p>County government sensitization on novel CBPP vaccine</p> <p>Panel discussions funded by KALRO - KCSAP</p> <p>25 April – 3 May 2021</p> <p>And</p> <p>16-23 May 2021</p> <p>Project sensitization to county government, local animal health service providers and livestock keepers with field visits for disease baseline data collection and mapping</p>	Information	Kenya	<a href="mailto:rlaroque@idrc.ca">rlaroque@idrc.ca</a>
Animal Health	<p>Project 109212 held four events with private/public sector involvement:</p> <p>Festival of Genomics and Biodata Webinar Conference</p> <p>28 January 2021</p> <p>Presentation at webinar conference. Private sector was present</p> <p>Current Efforts in African Swine Fever Vaccines</p> <p>GARA/IABS Webinar</p> <p>6 May 2021</p> <p>Presentation at webinar conference. Private sector was present two female veterinary technicians (Cowtribe staff) trained on Cowtribe's digital platform</p> <p>IVVN Webinar 30 November 2021</p> <p>Single webinar presentation. After iGEM. Webinar. 15 September 2021. Single webinar presentation.</p>	Information	Kenya	<a href="mailto:rlaroque@idrc.ca">rlaroque@idrc.ca</a>
Animal Health	<p>Project 109212 Technical Assistance between US and Kenyan research teams on Engineering of African swine fever virus using synthetic biology to accelerate vaccine development 30 June 2021</p>	Training	Kenya	<a href="mailto:rlaroque@idrc.ca">rlaroque@idrc.ca</a>

Sector	Description of Particular Programme	Form of Assistance	Provided to	Contact
Animal health	<p>Project 109061 presented and/or attended five conferences:</p> <p>PPT 1- Introduction to Shevax Project; PPT 2- Summary of Baseline Results (Accompanied by Project baseline Results Brief); PPT 3- Participatory reflection on Results- What, So What and Now What; PPT 4- Proposed Intervention/ Test Model; PPT 5- Review expectations of the day- Feedback and Suggestions- May 2021</p> <p>Cultivating Equality 2021 Conference</p> <p>Kenya One Health Conference</p> <p>World Bank One Health International Women's Day, Keynote Speaker</p> <p>Comparative Analysis of the Small Animal Vaccine Value Chains in Kenya, Uganda, and Rwanda</p>	Information	Kenya, Rwanda, Uganda	<a href="mailto:rlaroque@idrc.ca">rlaroque@idrc.ca</a>
Animal Health	Projects 109080 and 109212 held meetings with relevant manufacturing and regulatory bodies in LMICs on technical assistance and/or manufacturing production of vaccines against Hemorrhagic Septicemia and Contagious bovine pleuropneumonia	Information	Kenya and Ethiopia	<a href="mailto:rlaroque@idrc.ca">rlaroque@idrc.ca</a>
Animal Health	<p>Project 109063 team trained farmers on the benefits of vaccinations:</p> <p>Training on animal husbandry and vaccines on 18 January – 6 February 2021. Six wards within Makueni County, Kenya</p> <p>Smallholder farmers = 571 (M=147, F=424)</p> <p>GIVE project team members = 4 (M=1, F=3)</p> <p>Veterinary officers from Makueni county = 5 (M=4, F=1) M = 152 F = 428</p>	Training	Kenya	<a href="mailto:rlaroque@idrc.ca">rlaroque@idrc.ca</a>
Animal Health	<p>Project 109064 team trained farmers on the benefits of vaccinations:</p> <p>Education and Training on preventive animal care e.g. diseases and vaccines for farmers in Pusiga and Zebilla Districts on 9-13 March and April 2021</p>	Training	Ghana	<a href="mailto:rlaroque@idrc.ca">rlaroque@idrc.ca</a>

Sector	Description of Particular Programme	Form of Assistance	Provided to	Contact
Animal Health	Project 109057 team members joined Group of RIA2 (Research Institute for Aquaculture No 2) working with the Directorate of Fishery to help in the determination of the causative agents (In network with Sub-aquaculture department in provinces in Mekong Delta of Viet Nam)	Information	Viet Nam	<a href="mailto:rlaroque@idrc.ca">rlaroque@idrc.ca</a>
Animal Health	Project 109055 team members participate in an advisory council hosted by the Malaysian Department of Fisheries and Department of Veterinary Sciences - with a concentration on roadmaps of the use of antibiotics in animal feed meetings	Information	Malaysia	<a href="mailto:rlaroque@idrc.ca">rlaroque@idrc.ca</a>
Animal Health	20 Graduate students supported by IDRC funded projects in 2021 from LMICs (109057, 109050, 109051, 109047)	Capacity Building	Thailand; Hong Kong, China; Pakistan; Viet Nam	<a href="mailto:rlaroque@idrc.ca">rlaroque@idrc.ca</a>
Animal Health	Project 109056 established an academic partnership between the University of Nottingham (academic) and the National Institute for Veterinary Research of the Ministry of Agriculture in Viet Nam (public), and National Centre for Veterinary Diagnostics Viet Nam	Capacity Building	Viet Nam	<a href="mailto:rlaroque@idrc.ca">rlaroque@idrc.ca</a>
Animal Health	Seven Post-doc students supported by IDRC funded projects in 2021 from LMICs (109047, 109051, 109057, 109050)		Chinese Taipei, Pakistan, India, Viet Nam,	<a href="mailto:rlaroque@idrc.ca">rlaroque@idrc.ca</a>