



**Pan American
Health
Organization**



**World Health
Organization**
REGIONAL OFFICE FOR THE
Americas

PANAFTOSA

Pan American Center for Foot-and-Mouth
Disease and Veterinary Public Health

BIENNIAL PLAN 2024 – 2025
FOR STRENGTHENING TECHNICAL COOPERATION FROM PANAFTOSA
TOWARDS THE CONSOLIDATION OF THE HEMISPHERIC PROGRAM FOR
THE ERADICATION OF FOOT-AND-MOUTH DISEASE
(PHEFA)

April 2024

STRENGTHENING OF PANAFTOSA TECHNICAL COOPERATION TOWARDS THE CONSOLIDATION OF THE PHEFA

It is acknowledged that the technical coordination and cooperation provided by PANAFTOSA/PAHO within the framework of the Hemispheric Program for the Eradication of Foot-and-Mouth Disease (PHEFA) has been decisive for the progress made and it is still necessary for the complete eradication of the disease in the continent, without jeopardizing the progress made.

The PHEFA remains in effect although the region reflected its best historical record in 2023, consecutively, regarding areas recognized as free by the World Organization for Animal Health (WOAH).

Additionally, the countries continue to be oriented toward the execution of the PHEFA Plan of Action 2021-2025 to complete the eradication of foot-and-mouth disease, while also seeking to strengthen prevention and the capacity of veterinary services of the countries of the continent to respond to a potential foot-and-mouth disease emergency.

The funding modality of PANAFTOSA/PAHO's technical cooperation for the PHEFA is based on PAHO's contribution with international professionals responsible of the foot-and-mouth disease (FMD) area and the reference laboratory, as well as the resources obtained from the reference material supplied to the countries. Additionally, it includes a model of voluntary contributions linked to specific projects with the countries. Therefore, the aforementioned is reflected in the costs referred to for this Biennial Plan 2024-2025.

The expected outcomes of the mentioned plan will contribute to the goals outlined in the PHEFA Plan of Action 2021-2025, with a priority vision from PANAFTOSA/PAHO that takes into account COSALFA resolutions, aiming to prepare the countries for the final stage of the PHEFA.

Based on these guidelines, and considering the current situation, PANAFTOSA/PAHO has elaborated the present proposal of the Biennial Technical Cooperation Plan 2024-2025 to consolidate the PHEFA.

LOGICAL FRAMEWORK MATRIX

	INDICATORS	VERIFICATION METHODS	ASSUMPTIONS EXTERNAL TO THE PROJECT
<p>Aim: PHEFA strengthened to face the final stage of FMD eradication in the continent.</p>	<p>100% of the countries have strengthened programs in place and with resources allocated for the eradication of foot-and-mouth disease. Emphasis on priority countries and areas.</p>	<p><i>Ad hoc</i> assessments</p>	<p>The countries made the political decision and allocate resources and execute national plans in line with the PHEFA.</p> <p>The region has a fund and human and financial resources to support country actions.</p>
<p>Purpose: Ensure efficacy, coordination, support and monitoring of the PHEFA and the adoption of its actions in the countries.</p>	<p>All the countries integrating the COSALFA comply with the goals of the PHEFA for the period (2024 – 2025) with effective technical cooperation from PANAFTOSA/PAHO.</p>	<p>PANAFTOSA/PAHO report COSALFA report Country report</p>	<p>Agreements reached.</p> <p>National and local authorities and stakeholders adhere and comply with the commitments outlined in the PHEFA.</p> <p>PANAFTOSA/PAHO in the position to meet the expectation.</p>

EXPECTED OUTCOMES	INDICATORS	VERIFICATION METHODS	ASSUMPTIONS
EO1: Processes from transitioning to the foot-and-mouth disease free status	<ol style="list-style-type: none"> Transition process of free countries with vaccination in progress following the recommendations of PANAFTOSA/PAHO Technical Working Guide. Countries and areas supported by PANAFTOSA/PAHO during the transition process. 	PANAFTOSA/PAHO Technical Mission reports and country situation reports sent to the COSALFA.	<ul style="list-style-type: none"> The countries make decisions for the transition of health status.
EO2: Strengthened and supported national programs	<ol style="list-style-type: none"> Monitoring and strengthening of the Technical Cooperation Program with Venezuela with the support of the countries that integrate the Regional Commission for Monitoring the National Plan for the Eradication of Foot-and-Mouth Disease in Venezuela and PANAFTOSA/PAHO. National Foot-and-Mouth Disease Diagnostic Laboratories supported by the PANAFTOSA/PAHO Reference Laboratory. Demand of kits for the diagnosis of vesicular diseases, vaccine control and transmission and immunity studies attended by PANAFTOSA/PAHO Laboratory. 	Reports of PANAFTOSA/PAHO and the countries to the COSALFA.	<ul style="list-style-type: none"> The government of Venezuela recognizes the eradication of foot-and-mouth disease as a priority allocating resources for the strengthening of the Official Veterinary Service and accepts the technical cooperation of the countries and PANAFTOSA/PAHO for foot-and-mouth disease eradication actions. The countries contribute to the funding of PANAFTOSA/PAHO technical cooperation and participate actively of the actions in Venezuela. The countries provide financial support to the prevention, surveillance and control actions of the Foot-and-Mouth Disease programs.
EO3: Strengthening of surveillance systems and risk analysis of country programs	<ol style="list-style-type: none"> All countries report timely the occurrence of foot-and-mouth disease to the WOA and PANAFTOSA/PAHO and report the information required by the COSALFA. PANAFTOSA/PAHO's IVVO – Interface for Official Veterinary Surveillance – offered to the countries for adoption/implementation. The countries conduct active surveillance actions to verify the absence of infection/transmission and are supported by PANAFTOSA/PAHO for the incorporation of risk factors. 	WOA and WAHIS reports. IVVO COSALFA reports.	<ul style="list-style-type: none"> The countries report timely to the WOA and forward information to PANAFTOSA/PAHO. Veterinary Services are funded to conduct surveillance actions.

EXPECTED OUTCOMES	INDICATORS	VERIFICATION METHODS	ASSUMPTIONS
EO4: Development of new tools and studies of PANAFTOSA	<ol style="list-style-type: none"> 1. New tools for surveillance, information and modelling systems offered by PANAFTOSA/PAHO and available for (permanent) use in the countries. 2. New laboratory diagnostic methods developed and validated with the countries. 3. Production of reference materials. 4. Conduction of phylogenetic analysis of the historical occurrence of foot-and-mouth disease strains in the Region of South America. 5. Conduction of potency tests of the experimental vaccine and immunity dynamics at field level. 	<p>Reports and training coordinated by PANAFTOSA/PAHO</p>	<p>Continuity of specialized working teams in the countries and at PANAFTOSA/PAHO.</p>
EO5: Establishment of the Regional Vaccine/Antigen Bank for Foot-and-Mouth Disease	<ol style="list-style-type: none"> 1. Constitutive Agreement with member countries of the BANVACO signed and contributions received. 2. Constitution of the BANVACO administrative structure. 3. Antigen/Vaccine Bank operational. 	<p>Constitutive Agreement signed by the countries. Administrative structure of the BANVACO formed at PANAFTOSA/PAHO.</p>	<p>The countries contribute with financial resources for the completion of the project.</p>
EO6: Application of the Regional Plan for professional education and training	<ol style="list-style-type: none"> 1. Training needs adapted to the current stage with the countries to attend the demands in the last stage of the PHEFA. 2. Provision of a Training Plan through virtual platforms particularly focused to early detection and emergency preparedness. 3. Strengthening of emergency capacities of the countries through the adaptation of foot-and-mouth disease contingency plans. 	<p>List of participants of the countries. Updating of contingency plans of the countries.</p>	<p>The countries defined their training and updating priorities for the contingency plans and contributed resources for their execution.</p>

ANNEX 1

COST SPREADSHEET

EXPECTED OUTCOMES	ACTIVITIES	COST PER ACTIVITY YEAR 2024 (US\$)	COST PER ACTIVITY YEAR 2025 (US\$)	TOTAL COST (US\$)
EO1: Support to the countries in the transition processes to the foot-and-mouth disease free status	1. Support for the elaboration of the road map for the transition of free countries with vaccination to free without vaccination, following the recommendations of PANAFTOSA/PAHO Technical Working Guide.	5,000	5,000	30,000
	2. PANAFTOSA/PAHO support to the countries and zones during the transition process.	10,000	10,000	
EO2: Support to and strengthening of national programs	3. Follow-up and strengthening of the Technical Cooperation Program with Venezuela with the support of the countries that integrate the Regional Commission for Monitoring the National Plan for the Eradication of Foot-and-Mouth Disease in Venezuela and PANAFTOSA/PAHO.	500,000	1,000,000	1,680,000
	4. Support of the PANAFTOSA/PAHO Reference Laboratory to Foot-and-Mouth Disease Diagnostic Laboratories of the countries.	20,000	40,000	
	5. Demand of kits for the diagnosis of vesicular diseases, vaccine control and transmission and immunity studies attended by PANAFTOSA/PAHO Laboratory.	20,000	100,000	
EO3: Strengthening of surveillance systems and risk analysis of country programs	6. The countries report timely the occurrence of foot-and-mouth disease to the WOA and send the information required by the COSALFA.	0	0	35,000
	7. Adoption of the IVVO and country training.	10,000	5,000	
	8. The countries conduct active surveillance actions to verify the absence of infection/transmission and are supported by PANAFTOSA/PAHO for the incorporation of risk factors.	10,000	10,000	

EO4: Research and development	9. New tools for surveillance, information and modelling systems offered by PANAFTOSA/PAHO and available for (permanent) use in the countries.	15,000	15,000	174,000
	10. New laboratory diagnostic methods developed and validated with the countries.	5,000	15,000	
	11. Production of reference materials.	10,000	10,000	
	12. Conduction of phylogenetic analysis of the historical occurrence of foot-and-mouth disease strains in the Region of South America.	2,000	2,000	
	13. Conduction of potency tests of the experimental vaccine and immunity dynamics at field level.	50,000	50,000	
EO5: Establishment of the Regional Vaccine/Antigen Bank for Foot-and-Mouth Disease	14. Constitutive Agreement with member countries of the BANVACO signed and contributions received.	75,000	75,000	150,000
	15. Constitution of the BANVACO administrative structure.	0	0	
	16. BANVACO operational.	0	0	

EO6: Application of the Regional Plan for professional education and training.	17. Training needs adapted to the current stage with the countries to attend the demands in the last stage of the PHEFA.	0	20,000	135,000
	18. Elaboration and availability of a virtual self-learning course focused on reporting and early detection of foot-and-mouth disease on the learning platform of PANAFTOSA.	30,000	5,000	
	19. Support for review and updating of foot-and-mouth disease contingency plans of the countries of the COSALFA	20,000	20,000	
	20. Intramural training plan on diagnostic techniques for national foot-and-mouth disease diagnostic laboratories conducted by the Reference Laboratory.	20,000	20,000	
	TOTAL	802,000	1,402,000	2,204,000