

APPENDIX A

PROJECT DESCRIPTION

CRD Banguigny Veterinary Pharmacy Project

I. Introduction

This appendix describes the activities to be undertaken and the results to be achieved with the funds obligated under this Agreement. Nothing in this Appendix A shall be construed as amending any of the definitions, conditions, or terms of the Agreement.

II. Background

Between 18 and 19 percent of livestock breeders in the Fria prefecture reside in the rural development community (CRD) of Banguigny; they own approximately 19 percent of cattle, 14 percent of sheep, and 20 percent of goats in the prefecture. However, the breeders do not have adequate access to affordable veterinary drugs and treatment services. The Government of Guinea has not been able to import veterinary drugs and organize large-scale vaccination and parasite control campaigns in Banguigny. According to estimates, 90 percent of all animal losses in the CRD of Banguigny are due to infectious and contagious animal diseases.

III. Funding

A. ADF Contribution

The financial plan for ADF's contribution is set forth in Appendix A-1 to this Agreement. The Parties may make changes to the financial plan without formal amendment, if such changes are made in accordance with Article 7 of the Agreement and do not cause ADF's contribution to exceed the obligated amount specified in Article 3, Section 3.1 of the Agreement.

B. Grantee Contribution

The CRD council will provide land for the construction of a pharmacy, local construction materials (sand, gravel, stone blocks), and unskilled labors. This contribution is estimated at approximately 20 percent of the total cost of the Project, or GNF 7,878,661. In addition, the livestock producers group will contribute GNF 400,000. Therefore, the total contribution of the CRD Banguigny toward the construction of the pharmacy is estimated at GNF 8,278,661, or 21 percent of the cost of the Project.

IV. Project Goal

The goal of the Project is to increase productivity and profitability of the livestock population in the CRD of Banguigny.

ADF



Grantee



V. Project Purpose

The purpose of the Project is to reduce livestock mortality in the CRD, as indicated by a decline in the percentage of livestock deaths caused by infectious diseases from 90 to 50 by the end of the Project:

VI. Outputs

- A. Livestock owners in the CRD will have improved access to veterinary services, as indicated by the following:
- the number of cattle vaccinated will increase from zero (0) to 1,693 in year 1, 2,539 in year 2, and 3,387 in year 3;
 - the number of sheep vaccinated will increase from zero (0) to 374 year 1, 1,561 year 2, and 748 in year 3;
 - the number of goats vaccinated will increase from zero (0) to 731 year 1, 1096 year 2, and 1,462 year 3; and
 - the number of poultry vaccinated will increase from zero (0) to 4,330 year 1, 6,497 year 2, and 8,661 year 3;
 - the number of cattle receiving treatment for parasites will increase from zero (0) actual to 423 in year 1, 1270 in year 2, and 2,116 in year 3;
 - the number of sheep receiving treatment for parasites will increase from zero (0) actual to 94 year 1, 281 year 2, and 468 in year 3;
 - the number of goats receiving treatment for parasites will increase from zero (0) actual to 183 year 1, 548 year 2, and 914 year 3;
 - the number of cattle receiving treatment other than vaccinations and parasite control will increase from zero actual to 212 in year 1, 423 in year 2, and 635 in year 3;
 - the sheep receiving treatment other than vaccinations and parasite control will increase from zero actual to 47 year 1, 94 in year 2, and 140 in year 3; and
 - the goats receiving treatment other than vaccinations and parasite control from zero actual to 91 year 1, 183 year 2, and 274 year 3.
- B. A financially sustainable pharmacy will be established, as indicated by the following.
- The gross revenue generated by the veterinary pharmacy from zero (0) actual to:
 - GNF 6,352,370 in year 1;
 - GNF 10,524,547 in year 2; and
 - GNF 14,696,724 in year 3.
 - The CRD's annual net revenue from the veterinary pharmacy contribution will increase from zero (0) actual to:
 - GNF 1,798,000 in year 1;
 - GNF 3,100,000 in year 2; and

- GNF 4,398,000 in year 3.

- C. A disease control program and management system will be operating, as indicated by the following:
- the number of livestock producers knowledgeable about the major diseases will increase from zero to 326 by the end of year 2; and
 - vaccination and parasite control programs will be established and implemented at least twice yearly.

VII. Activities to be funded under the Grant

The major activity under this Project is the provision of veterinary services, primarily vaccines and parasite treatment, to livestock breeders in Banguigny. The Project will support (i) construction of and equipment for a veterinary pharmacy located at the headquarters of the CRD-Sodiorè. (ii) purchase of veterinary materials, (iii) provide the initial stock of veterinary medicines, and (iv) fund training livestock producers and the Project administrative team. The training will be provided in the areas of monitoring and assessment of sound management of a village veterinary pharmacy, and the sensitization of the livestock producers in the use of veterinary drugs and the application of disease control principles for improved animal husbandry. ADF will also provide funds for an impact survey.

An assistant veterinarian will be responsible for the day-to-day management of the pharmacy. The pharmacy will purchase and sell drugs and vaccines on a cash basis. It will buy drugs only from authorized vendors based in Conakry. Given the need to ensure proper handling, the pharmacy will purchase vaccines only during vaccination campaigns. In addition to vaccination campaigns, the assistant veterinarian will organize information campaigns that target against common parasitic infections in animals.

A private veterinarian will work with the CRD to formulate an action plan for disease control in general that includes vaccination, parasite control, and other treatment. The veterinarian, in collaboration with the local livestock officer, will provide technical assistance to breeders upon request.

VIII. Roles and Responsibilities of the Parties

The CRD of Banguigny is responsible for ensuring the proper management and implementation of the Project including assuring the assistant veterinarian's salary is paid by the Prefecture. The ADF Partner in Guinea, Center for Development Support (CAD) will provide technical and management assistance to the CRD during the implementation of the Project and provide the standard ADF training in bookkeeping and monitoring assessment as needed.

IX. Monitoring and Evaluation

ADF



Grantee



Within sixty days of the effective date of this Agreement, the Grantee, working with the ADF Partner, will form a monitoring and assessment committee composed of a representative cross-section of the Grantee's organization. The committee will provide the Partner input for the Project monitoring plan.

In addition, during the first quarter of the Project, CAD will incorporate in its monitoring and evaluations plans, a baseline survey of the current 80 livestock producers who are already organized in groups. An impact survey that will quantify the net income gains to livestock farmers from reduced mortality rates and the improved animal health services in the CRD will be carried out with the monitoring and assessment committee at the end of year two of the Project.

During Project implementation, the committee and CAD will have responsibility for ensuring that the Project follows the implementation plan, and that problems identified through monitoring and evaluation are properly addressed in a timely manner.

X. Other Implementation Issues

None