

PROJECT DESCRIPTION

Improving Water Availability for Agriculture and Husbandry in Hortelao

Cape Verde

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

Associacao dos Agricultores para o Desenvolvimento Agricola e Comunitária da Zona de Hortelao ("AGRO-Hortelao") is a non-profit community based organization in Hortelao, Sao Miguel. The residents of Hortelao primarily earn their incomes through agriculture and livestock production. These activities require extensive use of water, but the community lacks the infrastructure and technical skills to operate an effective irrigation and water storage system. As a result, the poor water supply depresses agricultural production and hinders income generating opportunities.

III. Funding

A. ADF Contribution

The financial plan for ADF's contribution is set forth in Appendix A-1 of this Agreement. The Parties may make changes to the financial plan without formal amendment, if such changes are made in accordance with Article 8 of the Agreement and do not cause ADF's contribution to exceed the obligated amount specified in Article 4, section 4.1 of the Agreement.

B. Grantee Contribution

AGRO-Hortelao will contribute members' time and labor in the implementation of the Project, including cleaning of the reservoirs and serving on the water management committee. Members will also contribute land for construction sites.

IV. Project Goal

The goal of the Project is to improve the standard of living for Hortelao residents in San Miguel municipality.

ADF



AGRO-Hortelao



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V. Project Purpose

The purpose of the Project is to improve access to water for the residents of Hortelao as indicated by the following:

- A. increase in the availability of water in Hortelao from 60 to 330 cubic meters per day in year 1; and
- B. increase in the number of agricultural plots using drip irrigation from a baseline of 0 to 40 by the end of the project.

VI. Project Outputs

- A. Improved institutional and organizational capacities of AGRO-Hortelao as evidenced by:
 - 1. development and utilization of management, financial and organizational systems that meet ADF's requirements; and
 - 2. establishment of a community water management committee.
- B. Creation of 50 temporary jobs for the construction work in year 1.
- C. Increased capacity of AGRO-Hortelao to support community projects through an increase in member contributions from \$3 per month to \$12 per month by the end of the project.

VII. Project Activities

- A. Infrastructure
 - 1. AGRO-Hortelao will form a Project Steering Committee (PSC) to oversee project coordination, manage procurement issues, control the financial management, and evaluate implementation progress.
 - 2. AGRO-Hortelao will improve the community's water storage capacity by constructing a reservoir in Hortelao capable of storing 100 cubic meters of water and a reservoir in Gongon capable of storing 20 cubic meters of water. The reservoir in Gongon will be repaired so that it can hold 50 cubic meters of water.
 - 3. AGRO-Hortelao will improve water delivery in the community by installing a stainless steel submersible water pump for borehole FST-892. Borehole FST-892 will be connected to four reservoirs. The irrigation system will be expanded so that all member farmers have access to the reservoirs.
- B. Training and Technical Assistance
 - 1. A consultant will train community members on efficient water usage practices. The curriculum will include drip irrigation techniques, proper use of the water pumps, and food conservation practices.

2. A consultant will train the Executive Committee and the Fiscal Council on ADF accounting and reporting procedures. A refresher training session will be conducted before the end of the Project.
3. The management team will attend a training sessions on organizational development and financial management.
4. A consultant will collaborate with community members to create a Manual of Procedures. The Manual of Procedures will describe AGRO-Hortelao's policies related to water usage, employment promotion, social services, and other areas of interest to the community.
5. APDM will establish an office equipped with appropriate accounting software, and management staff will be trained in the proper use of accounting software.

VIII. Roles and Responsibilities

The Cape Verde ADF Partner Organization will provide the standard ADF training in bookkeeping, monitoring, assessment and technical and management assistance during implementation. AGRO-Hortelao is responsible for ensuring the proper management and implementation of the Project. The Project will be executed in a participatory manner with full engagement of all stakeholders. Broad oversight of the project and its implementation will be undertaken by a Project Steering Committee (PSC). This committee will be co-chaired by the Executive Director of Estrategos Consultores Asociados, the ADF Technical Partner in Cape Verde and the President of the Board of AGRO-Hortelao. It will include the following stakeholders: Ministry of Environment, Agriculture and Marine Resources; National Institute for Water Management; Local Government; and OASIS, a regional organization.

IX. Monitoring and Evaluation

The Cape Verde ADF Partner Organization will closely monitor the activities of AGRO-Hortelao to ensure proper reporting, adherence to the Project implementation plan by the Grantee and movement towards the achievement of Project objectives. The Partner will continuously asses the Project risk and take remedial actions as needed. Monitoring by the Partner will be an important aspect of the on-going coaching and advisory service. The Partner will review ADF's quarterly reports and will submit comments and observations to the management of AGRO-Hortelao as part of the on-going performance assessment.