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Report No: RES15631

RESTRUCTURING PAPER  
ON A  
PROPOSED PROJECT RESTRUCTURING  
OF  
HAITI: RELAUNCHING AGRICULTURE: STRENGTHENING AGRICULTURE  
PUBLIC SERVICES II PROJECT

IDA FINANCING AGREEMENT H7410-HT  
(1 DECEMBER 2011)

AND

GAFSP GRANT TF11396  
(11 JANUARY 2012)

TO THE  
REPUBLIC OF HAITI

MAY 20, 2015

*Agricultural Global Practice  
Haiti Country Management Unit  
Latin America and the Caribbean Region*

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## ABBREVIATIONS AND ACRONYMS

|        |   |
|--------|---|
| FFS    | Farmer Field Schools  |
| FM     | Financial Management  |
| GAFSP  | Global Agriculture and Food Security Program  |
| IaDB   | Inter-American Development Bank   |
| IDA    | International Development Association   |
| MARNDR | Ministry of Agriculture, Natural Resources and Rural Development  |
| ORAF   | Operational Risk Assessment Framework   |
| PDO    | Project Development Objective   |
| RF     | Result Framework  |
| SPS    | Sanitary and Phytosanitary<br>Unified Public Procurement Unit ( <i>Unité de Passation des Marchés Publics</i> ) |
| USAID  | United States Agency for International Development  |
| USDA   | United States Department of Agriculture   |

|                                  |                        |
|----------------------------------|------------------------|
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**HAITI**  
**Relaunching Agriculture: Strengthening Agriculture public Services II Project**  
**(GAFSP-IDA)**

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## DATA SHEET

*Haiti*

*Relaunching Agriculture: Strengthening Agriculture Public Services II Project (GAFSP - IDA)  
(P126744)*

*LATIN AMERICA AND CARIBBEAN*

*Agriculture*

Report No: RES15631

| Basic Information  |                          |                         |                          |              |                    |                       |                      |             |             |
|--|--------------------------|-------------------------|--------------------------|--------------|--------------------|-----------------------|----------------------|-------------|-------------|
| Project ID:  | P126744                  | Lending Instrument:     | Specific Investment Loan |              |                    |                       |                      |             |             |
| Regional Vice President:   | Jorge Familiar           | Original EA Category:   | Partial Assessment (B)   |              |                    |                       |                      |             |             |
| Country Director:  | Mary A. Barton-Dock      | Current EA Category:    | Partial Assessment (B)   |              |                    |                       |                      |             |             |
| Senior Global Practice Director:                                 | Juergen Voegelé          | Original Approval Date: | 01-Dec-2011              |              |                    |                       |                      |             |             |
| Practice Manager/Manager:  | Laurent Msellati         | Current Closing Date:   | 30-Nov-2016              |              |                    |                       |                      |             |             |
| Team Leader(s):  | Pierre Olivier Colleye   |                         |                          |              |                    |                       |                      |             |             |
| <b>Borrower:</b>   |                          |                         |                          |              |                    |                       |                      |             |             |
| Republic of Haiti  |                          |                         |                          |              |                    |                       |                      |             |             |
| <b>Responsible Agency:</b>                                       |                          |                         |                          |              |                    |                       |                      |             |             |
| Ministry of Agriculture, Natural Resources and Rural Development |                          |                         |                          |              |                    |                       |                      |             |             |
| <b>Restructuring Type</b>  |                          |                         |                          |              |                    |                       |                      |             |             |
| Form Type:   | Full Restructuring Paper | Decision Authority:     | Board Approval           |              |                    |                       |                      |             |             |
| Restructuring Level:   | Level 1                  |                         |                          |              |                    |                       |                      |             |             |
| <b>Financing ( as of 27-Mar-2015 )</b>                           |                          |                         |                          |              |                    |                       |                      |             |             |
| <b>Key Dates</b>   |                          |                         |                          |              |                    |                       |                      |             |             |
| Project  | Ln/Cr/TF                 | Status                  | Approval Date            | Signing Date | Effectiveness Date | Original Closing Date | Revised Closing Date |             |             |
| P126744  | IDA-H7410                | Effective               | 01-Dec-2011              | 11-Jan-2012  | 03-Apr-2012        | 30-Nov-2016           | 30-Nov-2016          |             |             |
| P126744  | TF-11396                 | Effective               | 11-Jan-2012              | 11-Jan-2012  | 03-Apr-2012        | 30-Nov-2016           | 30-Nov-2016          |             |             |
| <b>Disbursements (in Millions)</b>                               |                          |                         |                          |              |                    |                       |                      |             |             |
| Project  | Ln/Cr/TF                 | Status                  | Currency                 | Original     | Revised            | Cancelled             | Disbursed            | Undisbursed | % Disbursed |
| P126744  | IDA-H7410                | Effective               | USD                      | 40.00        | 40.00              | 0.00                  | 9.01                 | 26.55       | 23          |
| P126744  | TF-11396                 | Effective               | USD                      | 10.00        | 10.00              | 0.00                  | 2.13                 | 7.87        | 21          |

| <b>Policy Waivers</b>   |           |          |
|---|-----------|----------|
| Does the project depart from the CAS/CPF in content or in other significant respects?   | Yes [ ]   | No [ X ] |
| Does the project require any policy waiver(s)?  | Yes [ ]   | No [ X ] |
| <b>A. Summary of Proposed Changes</b>   |           |          |
| The proposed restructuring was initiated per the Borrower's request, to review the initial Project Development Objective (PDO), revise the Result Framework, reduce the number of activities to streamline the Components, extend the loan's closing date and reallocate the project's funds.   |           |          |
| Change in Implementing Agency   | Yes [ ]   | No [ X ] |
| Change in Project's Development Objectives  | Yes [ X ] | No [ ]   |
| Change in Results Framework   | Yes [ X ] | No [ ]   |
| Change in Safeguard Policies Triggered  | Yes [ ]   | No [ X ] |
| Change of EA category   | Yes [ ]   | No [ X ] |
| Other Changes to Safeguards   | Yes [ X ] | No [ ]   |
| Change in Legal Covenants   | Yes [ ]   | No [ X ] |
| Change in Loan Closing Date(s)  | Yes [ X ] | No [ ]   |
| Cancellations Proposed  | Yes [ ]   | No [ X ] |
| Change to Financing Plan  | Yes [ ]   | No [ X ] |
| Change in Disbursement Arrangements   | Yes [ ]   | No [ X ] |
| Reallocation between Disbursement Categories  | Yes [ X ] | No [ ]   |
| Change in Disbursement Estimates  | Yes [ X ] | No [ ]   |
| Change to Components and Cost   | Yes [ X ] | No [ ]   |
| Change in Institutional Arrangements  | Yes [ ]   | No [ X ] |
| Change in Financial Management  | Yes [ X ] | No [ ]   |
| Change in Procurement   | Yes [ X ] | No [ ]   |
| Change in Implementation Schedule   | Yes [ X ] | No [ ]   |
| Other Change(s)   | Yes [ ]   | No [ X ] |
| Appraisal Summary Change in Economic and Financial Analysis   | Yes [ ]   | No [ X ] |
| Appraisal Summary Change in Technical Analysis  | Yes [ ]   | No [ X ] |
| Appraisal Summary Change in Social Analysis   | Yes [ ]   | No [ X ] |
| Appraisal Summary Change in Environmental Analysis  | Yes [ ]   | No [ X ] |
| Appraisal Summary Change in Risk Assessment   | Yes [ ]   | No [ X ] |
| <b>B. Project Status</b>  |           |          |
| The "Relaunching Agriculture: Strengthening Agriculture Public Services II Project" has been underway since April, 2012. Activities have been initiated under Component 1, strengthening the role of the Ministry of Agriculture in providing agricultural support services. These activities include the elaboration of studies for the renovation of agricultural middle schools; the creation/strengthening of various technical |           |          |

units including environment, nutrition and gender; and the collection and dissemination of consumer prices of agricultural goods through the National Food Security Committee.

Progress has also been made under the project's larger Component 2 (Market Support Facility). As of November 2014 an operator had been contracted by the Government to execute this Component and the first call for proposals in the North and Northeast received 410 proposals from producer organizations. From this call, the Operator has selected 68 of these proposals, and an initial group of 22 sub-project agreements were signed in February 2015.

Following on the MARNDR's commitment in December 2013, the Ministry's team in charge of implementation has recently been strengthened, including the establishment of a unified procurement unit and the strengthening of its financial management capacity. There are no outstanding audit reports at this time and audits presented in the last year did not reveal significant issues. An agreement has been reached with the Ministry on a plan to further strengthen the staffing under this project, which should considerably enhance its capacity to implement it. Under this plan, 13 staff, mostly local, are expected to be hired during 2015 (9 staff during the first quarter of calendar 2015 and the remaining staff upon the launch of the Market Support Facility and Farmer Subsidy Scheme).

The complex nature of the Project, composed of a multitude of small activities implemented by 22 different technical departments (or "units"), together with the limited capacity of the Ministry of Agriculture to manage a large project, has caused the Project to disburse slowly and to show only limited results. Despite progress under Project components, the many small and separate activities detract from the major emphasis of each component. A number of mitigation measures identified in the Project's ORAF have been put in place, including the recruitment of "Operators" to manage some of the project's components, but capacity remains insufficient, and further streamlining will help diminish pressure on the limited capacity, while enhancing accountability and enabling faster disbursements.

A project restructuring is necessary to ensure that the Project: (i) remains aligned with the Ministry's overall strategy and coordinated with the various bilateral and multilateral donors, eliminating activities already being financed by other donors or projects, and reorganizing institutional arrangements to be consistent with the on-going reform in the Ministry; (ii) takes advantage of synergies with other projects in the World Bank portfolio in Haiti; (iii) takes into consideration the Ministry's low implementation capacity, which is particularly challenging without a PIU; and (iv) includes lessons learned from the first RESEPAG Project (P113623) (closed September 30th, 2014).

The Ministry of Economy and Finance therefore requested the Level 1 Restructuring on April 8, 2015.

## **C. Proposed Changes**

### **Development Objectives/Results**

#### **Project Development Objectives**

##### Original PDO

The PDOs are to strengthen the Ministry of Agriculture, Natural Resources and Rural Development's (MARNDR) capacity to define and implement the National Agriculture Extension Strategy, to increase access of small farmers to agriculture extension services and training on animal and plant health in priority regions, and to provide financial assistance in the case of an agriculture sector emergency.

| <b>Change in Project's Development Objectives</b>   |           |                       |                      |                       |                          |
|---|-----------|-----------------------|----------------------|-----------------------|--------------------------|
| Explanation<br>A suggested new PDO is deemed necessary in order to reflect the restructuring of the various components, providing a better link between the project's overall objective and the activities it will finance.   |           |                       |                      |                       |                          |
| Proposed New PDO<br>The development objectives of the Project are to: (a) reinforce the capacity of the Ministry of Agriculture, Natural Resources and Rural Development to provide or facilitate access to services in the agricultural sector; (b) increase market access to small producers and food security in Selected Areas; and (c) provide financial assistance in the case of an Agriculture Sector Emergency.  |           |                       |                      |                       |                          |
| <b>Change in Results Framework</b>  |           |                       |                      |                       |                          |
| Explanation:<br>A proposed new Results Framework is necessary to align the PDO indicators to the new PDO and the intermediate indicators to the revised activities of the Project. The proposed RF follows a Theory of Change exercise and presents a clear storyline following from project activities, to outputs, to short, medium and long term outcomes, and finally impact. The RF was elaborated in close collaboration with the counterpart and its various technical departments to ensure ownership, which is expected to improve the monitoring of the indicators (see RF attached). |           |                       |                      |                       |                          |
| <b>Compliance</b>   |           |                       |                      |                       |                          |
| <b>Other Changes to Safeguards</b>  |           |                       |                      |                       |                          |
| Explanation:<br>No new policies are being triggered with the restructuring. The restructuring will not result in new activities, only expanding existing ones that are already addressed in existing project ESMF/PMP. Yet, the ISDS is being updated to reflect the change in PDO and Component description.   |           |                       |                      |                       |                          |
| <b>Financing</b>  |           |                       |                      |                       |                          |
| <b>Change in Loan Closing Date(s)</b>   |           |                       |                      |                       |                          |
| Explanation:<br>The change in the closing date by 19 months is deemed necessary to implement all Project activities. Lessons from similar projects in the region have demonstrated that in addition to the provision of matching grants to producer and producer groups, follow-up technical assistance is required to ensure the sustainability of the investments. The extension of the Closing Date will allow time for this necessary technical support.  |           |                       |                      |                       |                          |
| Ln/Cr/TF  | Status    | Original Closing Date | Current Closing Date | Proposed Closing Date | Previous Closing Date(s) |
| IDA-H7410   | Effective | 30-Nov-2016           | 30-Nov-2016          | 30-Jun-2018           | 30-Nov-2016              |
| TF-11396  | Effective | 30-Nov-2016           | 30-Nov-2016          | 30-Jun-2018           | 30-Nov-2016              |
| <b>Reallocations</b>  |           |                       |                      |                       |                          |
| Explanation:<br>New disbursement categories have been created to reflect the reality of the Project. The original categories are kept, since disbursements have already been made during implementation, but their amount is  |           |                       |                      |                       |                          |

maintained at the current disbursed amount and is therefore reduced from the original allocation. The reallocation consists of the following: (i) TF-11396 (GAFSP) would now include Operational Expenses and Training, necessary for the implementation of the activities under Component 1; (ii) the first category of IDA-F7410 is now allowing the financing of component 1 and (iii) a separate category is being created for the IDA Credit for the financing of the new Farmer Subsidy Scheme and existing Market Support Facility. In addition, the category for emergencies has been increased to reflect the assistance already disbursed to fight the cochineal infestation in 2012-2013.

| Ln/Cr/TF  | Currency | Current Category of Expenditure  | Allocation    |               | Disbursement % (Type Total) |          |
|-----------|----------|--|---------------|---------------|-----------------------------|----------|
|           |          |  | Current       | Proposed      | Current                     | Proposed |
| TF-11396  | USD      | GO,CW,NCS,CS Parts 1 and 4   | 10,000,000.00 | 1,126,382.00  | 100.00                      | 100.00   |
|           |          | Designated Account   | 0.00          | 0.00          | 0.00                        | 0.00     |
|           |          | GO, CW, NCS, CS, TR, OP, parts 1 and 4   | 0.00          | 8,873,618.00  | 0.00                        | 100.00   |
|           |          | <b>Total:</b>  | 10,000,000.00 | 10,000,000.00 |                             |          |
| IDA-H7410 | XDR      | GO,CW,NCS,CS,TR,OP Parts 2 and 4   | 24,400,000.00 | 2,708,943.00  | 100.00                      | 100.00   |
|           |          | GO,CW,NCS,CS,OP Subproj. and Part 3  | 700,000.00    | 1,250,000.00  | 100.00                      | 100.00   |
|           |          | Designated Account   | 0.00          | 0.00          | 0.00                        | 0.00     |
|           |          | GO, CW, NCS, CS, TR, OP Parts 1, 2 and 4                                       | 0.00          | 10,641,057.00 | 0.00                        | 0.00     |
|           |          | GO, CW, NCS, CS, TR, OP under Part 2 of the Project for vouchers under the FSS | 0.00          | 4,250,000.00  | 0.00                        | 0.00     |
|           |          | GO, CW, NCS, CS, TR, OP under Part 2 of the Project for vouchers under the MSF | 0.00          | 6,250,000.00  | 0.00                        | 0.00     |
|           |          | <b>Total:</b>  | 25,100,000.00 | 25,100,000.00 |                             |          |

#### Disbursement Estimates

#### Change in Disbursement Estimates

Explanation:

The new disbursement estimates take into consideration the delays experienced during the first two years of the project and the implementation calendar base on the implementation plan agreed upon with the Implementation Agency during the preparation of the Project Restructuring. The change to the total project amount, from US\$50 million equivalent to US\$44 million is solely due to the change in the USD/SDR exchange rate.

| <b>Fiscal Year</b> | <b>Current (USD)</b> | <b>Proposed (USD)</b> |
|--------------------|----------------------|-----------------------|
| 2012               | 1,000,000.00         | 1,000,000.00          |
| 2013               | 8,000,000.00         | 3,181,831.00          |
| 2014               | 14,000,000.00        | 2,788,101.00          |
| 2015               | 14,000,000.00        | 2,980,500.00          |
| 2016               | 10,000,000.00        | 9,000,000.00          |
| 2017               | 3,000,000.00         | 12,000,000.00         |
| 2018               | 0.00                 | 13,500,000.00         |
| <b>Total</b>       | <b>50,000,000.00</b> | <b>44,450,432.00</b>  |

### **Components**

#### **Change to Components and Cost**

Explanation:

This proposed Restructuring will reduce the number of activities to be financed under the Project, simplifying its implementation. Priority is being given to activities which (i) are best aligned with the Ministry's priorities, and (ii) are part of a strategic and staffing plan to ensure sustainability while still supporting the higher-level objectives of food security, as measured in terms of food availability and government's capacity in providing Sanitary and Phytosanitary services, and rural income generation. Smaller activities are therefore dropped from component 1 (e.g. hydro-meteorology, taken over by a new World Bank operation under preparation (P148259), agriculture insurance which is now being financed under a Canadian-funded operation (Agriculture Finance and Financing Systems in Haiti, or SYFAAH)), information systems for which the Ministry has too limited capacity for implementation or vocational schools (where the number was reduced from three schools to one).

At the same time, an increased focus is being placed on Sanitary and Phytosanitary (SPS) issues, for which the provision of basic services is essential to the country and a priority of the Ministry. The Ministry and the donor community, led by the Inter-American Development Bank (IaDB), have reached an agreement for a five-year investment program to reinforce SPS. The World Bank is financing about 40 percent of the total investment program, through this helping to bolster objectives around food security, public health and competitiveness. In addition, activities under component 2 are well underway. The amount of funding for the producer groups matching grant have been reduced in light of start-up delays. Despite the Ministry's general focus on the production side, they have made a commitment to improve the professionalization of agribusiness and have asked that the matching grant component be maintained in a reduced form. Also under component 2 the Project is introducing a new sub-component for the scaling up of a voucher-based Farmer Subsidy Scheme, to support producers' access to inputs and technology, which was tested under the previous World Bank project (P113623). The work piloted under RESEPAG I is now also being scaled up by a number of donors with a pledge of 100 Million dollars by the IaDB, French and others. Within this context, the role of the Bank will to test additional products for voucher support, to further reduce costs, increase impacts and ensure sustainability.

The Project will also seek synergies with other IDA-financed operations, such as the Strengthening Competitiveness Implementation Capacities (P147205) whose beneficiaries in Selected Areas will be encouraged to apply for the Project's matching grant and the Center and Artibonite Regional Development Project (P133352) where a number of activities (e.g. vocational school, SPS regional centers and veterinary training programs, vouchers, matching grants) will be implemented.

The detailed description of the proposed activities for the remaining implementation period under the

Project is presented below.

Component 1: Agricultural support services (US\$11 million, including US\$10 million from GAFSP and SDR730,000, or US\$1 million equivalent, from IDA)

The objective of this component is to develop and strengthen agricultural support services throughout Haiti. This will be done through the financing of Consulting, non-consulting services, goods and services, works, training/workshops and operational expenses towards strengthening MARNDR's capacity to provide and facilitate: (i) agricultural training and extension services; (ii) agricultural market information to producers and decision makers; and (iii) animal and plant health control and protection services.

Sub-component 1.1: Training and Extension (US\$1.4 million)

This subcomponent will increase the MARNDR's capacity to provide and facilitate agricultural training and extension services. It will finance a combination of consulting services, non-consulting services, training, workshops, basic equipment and supplies in two particular areas:

- a) Training: In order to prepare young agronomists and technicians to deliver higher quality agricultural extension services and technical assistance to producers in rural Haiti, the Project will finance the design, renovation and construction of new installations for an Agricultural Middle School and its initial equipment. This activity is undertaken in partnership with USAID/USDA, which is financing the conceptualization of the curriculum and the training of the teachers through the University of California at Davis. Initially, the school will have a capacity for 30 adolescents, who will follow a two year education program (plus an internship). The MARNDR will finance the operation of the school.
- b) Extension: To strengthen the role of the MARNDR in agricultural extension services, the Project will finance; (i) the strengthening of the agriculture extension steering committee, (ii) the preparation of an executive summary of the national extension strategy and its dissemination; (iii) the elaboration and dissemination (including workshop and training) of a series of outreach materials, such as datasheets on good agricultural practice and innovations and videos, that can be used by the Ministry and all other stakeholders active in extension services in Haiti

Sub-component 1.2: Market Information (US\$1.16 million)

To improve the availability and quality of market information and keep farmers and policy makers better informed in order to make better decisions, this component will continue to support the Ministry's work of collecting, analyzing and disseminating sectoral information in the areas of project interventions, including consumer prices (i.e. North, East, Plateau Central, Artibonite, South and Southeast). It will also finance the broadcasting of market prices for food products through SMS and community radios and the display of prices in urban and rural markets, *Directions Departementales Agricoles* (decentralized offices of the Ministry of Agriculture) and the *Bureau Agricoles Communaux* (local agricultural support offices).

Sub-component 1.3: Sanitary and Phyto-Sanitary (SPS) Services (US\$8.45 million)

Within the context of the global institutional reform, the MARNDR has developed a program and investment plan for the modernization of the SPS program that will take place over a period of 5 years (2014-2018) and be co-funded by the World Bank and the IaDB for a total of US\$25 million. This component aims to improve the sanitary and phytosanitary conditions around the country, contributing to the increase of the production of quality food, to the improvement of the public health, to environmental protection and to the competitiveness of the agriculture sector.

The RESEPAG project will finance consulting services, infrastructure, equipment, training, minor

operational expenses, and other non-consulting services in a number of areas, including:

a) The design, rehabilitation and construction of infrastructure. The project will support the construction and initial equipment and supplies for the central administrative building and of four decentralized administrative/technical centers in the North, Northeast, Southeast and Grand'Anse.

The IADB will complement this work with an additional five decentralized technical/administrative centers in the West, Artibonite, Center, South and the Northwest. This subcomponent will also strengthen quarantine infrastructure and services to ensure the sanitary control of the animal and vegetal products for imports and exports. This will be done specifically through the construction, initial equipment and supplies of three new centers in Port-au-Prince, Malpasse and Anse-à-Pitres and the rehabilitation of two supplementary centers in Beladere and Ouanaminthe. In addition, the project will provide support to develop new regulations and the revision and distribution of SPS standards, including trainings, workshops and communication campaigns.

b) The strengthening of the laboratory system and quality control of food through new infrastructure, equipment and staff training. The RESEPAG project has already financed the rehabilitation of three laboratories and will finance the equipment and basic supplies of six additional laboratories as well as a central laboratory located in Port-au-Prince. It will continue to finance the training of 40 young laboratory technicians who will later be integrated into the Ministry's service.

c) The strengthening of the animal health through strengthening of veterinary services, vaccination and livestock traceability. This sub-component will primarily finance three activities. First, the design and delivery of training to private veterinary professionals and volunteers in charge of epidemiological surveillance. Second, the strengthening of vaccination and epidemiological surveillance, under which the Project will contribute to the strengthening of the epidemiological monitoring system around four main areas: black rust Anthrax; Newcastle; avian flu; and rabies. This work will include the establishment of databases, training and communication campaigns. In addition, the Project will finance two vaccination campaigns against rabies for dogs and anthrax for cattle to improve public health and decrease cattle losses, respectively. It will also finance the epidemiological prevalence studies before and after these campaigns to measure their impact. Third, the identification of the livestock under which the Project will contribute to the strengthening of a national system for the identification of livestock with the objective of increasing the incomes of the farmers and contributing to improved public health. The Project will finance design of the database, expenses related to the tagging of about 300,000 cattle and training of agents in charge of tagging the animals and providing controls at slaughterhouses.

d) The strengthening of the plant health. The program will finance consultants, equipment, supplies and training to support the control and the fight against two diseases (mango fruit fly and cochineal) via an integrated pest management program with the intent to increase the production and the volumes of export. This activity will also finance the construction of several greenhouses to test biological tools to fight the diseases.

Component 2: Direct support to producers and associations (SDR 18.2 million, or US\$25 million equivalent)

The objective of this component is to increase access agricultural and extension services by producers and producer groups to increase their productivity and sales and increase market access to small producers in Selected Areas. Activities under this component will accompany the farmer-level agriculture technologies and inputs promoted by the MARNDR by increasing the capacity of public, private and civil society (NGO) local service providers to deliver and serve the needs of their clients.

Sub-component 2.1: Farmers Subsidy Scheme (SDR7.2 million or US\$10 million equivalent)

In order to increase overall agricultural productivity, this component will finance two things necessary to drive increased production: inputs and technical assistance. Specifically the component will finance (a) the scaling up of an electronic farmer registry and service provider registry covering the Selected Areas; (b) the design and implementation of a Farmer Subsidy Scheme to provide payments, under a voucher system towards improved, environmentally friendly, climate smart inputs and/or higher income generating technologies and technical assistance for the production of selected crops (c) the set-up of Farmer-Field-Schools (FFS) for producers to improve production techniques and (d) the building of relevant capacity of the Recipient's support service structures, private service providers, extension agents, and MARNDR staff for an optimal implementation of the Farmer Subsidy Scheme, all through the provision of technical assistance, training, the acquisition of goods, services, Operational Costs and the carrying out of works..

This sub-component will be implemented in two geographical zones: the South and the Centre/Artibonite. This activity is expected to guide the Government on improving the effectiveness of subsidies to the sector. The sub-Component will be implemented by two operators (one per region) who will, in addition to the overall responsibility for the sub-component, sub-contract a separate firm/NGO for the implementation of the FFS. The Farmer Subsidy Scheme, initially piloted under the previous World Bank RESEPA Project (P113623) and currently being scaled up in various parts of the country with support from a number of bilateral and multilateral donors who have committed an additional US\$100 million. . A national registry of producers and services providers in the targeted areas will be created, and eligible farmers will be provided with vouchers to access inputs, technical assistance and/or small infrastructure from eligible suppliers who in turn will obtain payment for the services/products rendered from a commercial bank. The Project will continue to try to innovate with its partners, by testing and evaluating new types of vouchers such as incentives for climate smart practices. The Ministry of Agriculture, in consultation with its donor partners, will be in charge of regularly defining the campaigns it will finance (region, type of production and type of support) and will be in charge of monitoring the result of these campaigns for better formulation of subsequent campaigns. This sub-component is expected to reach 8,000 direct beneficiaries. For this activity, the Project will finance the costs related to the design and the delivery of the voucher scheme and the farmer field schools, including the cost of the operators, the vouchers themselves, impact evaluation, the work related to the scaling up the national registry and other technical assistance, training and workshops, including to strengthen the Ministry's support service structures or the capacity of extension agents and private service providers.

#### Sub-Component 2.2: Market Support Facility (SDR11 million, or \$15 million equivalent)

In order to stimulate innovation in applied agricultural research, strengthen producer groups in their production or post-harvest activities, and increase overall sales, the Project will continue to finance a "Market Support Facility," which will be implemented by two operators (one per region) to prepare and supervise matching grants to producer organizations to: (i) conduct applied research, primarily on agricultural supply chains with export potential, food security potential or environmental/nutritional impact; (ii) strengthen producer-based organizations, primarily their administration, management, leadership or capacity of groups to increase sales and profits (iii) provide technical assistance and investment support for production, post-harvest and agri-business development, focused on improving productivity, quality, value added, and/or reducing production and post-harvest losses and (iv) provide support to services providers in the agriculture sector to have access to better technology and inputs. The assistance will continue to take the form of matching grants (not to exceed 80% of the total investment) which will finance the purchase of equipment, works, goods, consultants, services, training and minor operational expenses as agreed in a sub-grant agreement with the MARNDR. The Project will also finance the strengthening of the "*Tables de Concertations*" (committees at the department level representing the public and private sectors on agricultural matters who will be taking a leadership role in the promotion, selection and monitoring of the matching grant facility) and the MARNDR's institutional capacity in designing, implementing and monitoring this type of activity. The Project is also expected to finance

trainings and capacity building workshops for the component’s participants. The total amount for this component is being reduced through this Restructuring to primarily allow (i) to reduce the number of calls for proposals and limit funding to sub-projects with the highest returns, (ii) to introduce the Farmers Subsidy Scheme (sub-component 2.1), (iii) to finance some increase to Project Management costs and (iv) to fund additional activities under Sanitary and Phytosanitary Services (sub-component 1.3).

This sub-component will cover two geographic areas: (i) the North and Northeast departments; and (ii) the South – and will function through contracted Operators who will manage the process of promoting the application window, helping producer groups to complete applications, running the financial disbursement process, monitoring the use of funds and providing technical support to the beneficiaries. The targeted area will include beneficiaries around Saint-Raphael and Pignon to increase synergies with the Center and Artibonite Regional Development Project (P133352).

An impact evaluation will be financed for this sub-component in the departments of the North and North-East. This exercise will measure the impact of the financing and also the importance of technical assistance and training in financial literacy of women groups receiving investments. It will try to measure the multiplier effect that training and TA has on these investments.

Component 3: Emergency Response Contingency Reserve (SDR 1.1 million, or US\$1.5 million equivalent)

The objective of this component is to provide flexible, contingency funding in the case of a natural disaster or food crisis that adversely affects the agriculture sector during the period of execution of the project.

This component was intended to cover the costs of early recovery and rehabilitation costs related to a national emergency impacting the Agriculture sector. In 2012-2013, this component disbursed 1.5 million dollars to help fight the cochineal infestation. This component was intended to cover the costs of early recovery and rehabilitation costs related to a national emergency impacting the Agriculture sector. Additional funding is not being provided at this stage for this component, but further reallocation may be considered in case of a new declared agriculture emergency upon the request of the GOH.

Component 4: Institutional strengthening, monitoring and evaluation, project management and studies (SDR5.1 million, or US\$7 million equivalent)

The objective of this component is to facilitate project implementation and finance the incremental costs associated with project implementation. Specifically, this component will fund consultant services, goods and services, training, works and operational expenses related to project coordination, compliance with safeguard, gender and nutrition, monitoring and evaluation. As this project is being executed directly by the MARNDR and without a Project Implementation Unit, this component is also broadened to strengthen key Ministry units in their capacity to plan and manage donor-financed projects. These units include (i) the Planning and Evaluation Unit, (ii) the IT Department of the Ministry, (iii) the newly created unified procurement unit for all donor-funded projects, (iv) a similar unified financial management unit currently being planned for all donor-funded projects. These latter activities are co-financed, and closely coordinated, with the major donors working with the MARNDR.

The total project cost shows a decrease from US\$50 million to US\$44.45 million due to changes to the SDR/USD exchange rate.

| <b>Current Component Name</b>          | <b>Proposed Component Name</b>    | <b>Current Cost (US\$M)</b> | <b>Proposed Cost (US\$M)</b> | <b>Action</b> |
|--|-----------------------------------|-----------------------------|------------------------------|---------------|
| Component 1: Strengthening the role of | Component 1: Agricultural Support | 10.00                       | 11.00                        | Revised       |

|   |   |       |       |         |
|---|---|-------|-------|---------|
| MARNDR in providing agricultural support services(US\$10 million)   | Services  |       |       |         |
| Component 2: Providing support for local agricultural extension and innovation services (US\$ 36 million equivalent, IDA) | Component 2: Direct Support to producers and associations   | 36.00 | 25.00 | Revised |
| Component 3: Agriculture Risk and Emergency Response Contingency Reserve (US\$1 million equivalent, IDA)                  | Component 3: Emergency Response Contingency Reserve   | 1.00  | 1.50  | Revised |
| Component 4: Project Administration and Coordination (US\$ 3 million equivalent, IDA)                                     | Component 4: Institutional Strengthening, Monitoring and Evaluation, Project Management and Studies | 3.00  | 6.95  | Revised |
|   | <b>Total:</b>   | 50.00 | 44.45 |         |

### Other Change(s)

#### Change in Financial Management

Explanation:

FM administrative arrangements will remain the same as the FM unit currently managing the FM aspects of the project will retain the same responsibilities and that unit has been recently reinforced. The FM arrangements will continue to be the same for all activities under the project components, with the exception of the newly introduced Farmers Subsidy Scheme which will be implemented using the same scheme employed under RESEPAG I (P113623), with which the unit has ample experience. The Scheme will be administered by the MARNDR team with a Financial Agent and Operators (Consulting Services), procured according to specifications in the operations manual: (i) the Financial Agent will administer all payments and financial transfers under the Farmer Subsidy Scheme; and (ii) the Operators will oversee the technical implementation and supervision of the Farmer Subsidy Scheme. Reporting for project-related expenditures will be based on technical and financial management reports to be submitted quarterly:

- the first payment shall be made to Eligible Suppliers of Eligible Farmers of the farmer registry after initial validation there of duly registered in said farmer registry shall have been made by the Operator in respect of the Selected Areas. Upon validation of the list of eligible farmers, the Operator will prepare and transmit a technical and financial report to the MARNDR. The MARNDR will validate the technical and financial report and prepare the withdrawal application for the farmers' subsidy payments. The World Bank will transfer the resources to the Financial Agent who will make them available to eligible suppliers by way of transfer. The opening of a Bank Account by the Eligible Suppliers will be included in their eligibility criteria. Every month, the Financial Agent will submit the Bank's statements of the transfer account to the service providers and the MARNDR.
- thereafter, the Farmer Subsidy Scheme payments shall be released by the Financial agent and

made available to Eligible Suppliers of Eligible Farmers as determined by the MARNDR and with approval from the World Bank, through periodic validation, as Eligible farmers in good standing on the farmer registry for the immediate prior period in reference, as certified by the Service Providers and all as set forth in the Operational Manual. Operators will prepare the technical and financial reports and transmit them to MARNDR for validation and preparation of the withdrawal application not later than 45 days after the end of the quarter. The World Bank will then make transfer the resources to the financial agent who will make them available to the suppliers.

The second change to Financial Management relates to the increase in the budget for component 1 from US\$10 million to US\$11 million. This component will be financed by both GAFSP funding (up to \$10 million) and IDA funding (\$1 million) whereby the Implementation Agency will first use all the GAFSP funding before utilizing IDA funds for these activities.

#### **Change in Procurement**

Explanation:

Procurement activities will be carried out by a newly created unit in the MARNDR called “*Unité de Passation des Marchés Publics*” (UPMP). Created in May 2014, this unit gathers all the procurement staff working for the MARNDR; it comprises 11 staff and is headed by a seasoned professional. The UPMP is the mainstay of Ministerial Procurement Commission of the Ministry, which is according to the country procurement regulation the service in charge of procurement tasks. The project will support the strengthening of the capacity of this unit. The procurement arrangement in MARNDR is viewed as a model planned to be replicated in other Ministries.

#### **Change in Implementation Schedule**

Explanation:

Given that the Project closing date was extended by 19 months and activities were removed and added, there will be changes in the implementation schedule. These changes are reflected in the revised Operational Manual, Procurement Plan and Operational Plan of Activities. Producer organizations and farmers will receive technical assistance over a longer period of time for the investment they receive under component 2, which will increase the sustainability of Project

## Annex 1: RESULT FRAMEWORK

|                 |   |                     |                          |              |                                       |
|-----------------|---|---------------------|--------------------------|--------------|---------------------------------------|
| Project Name:   | Relaunching Agriculture: Strengthening Agriculture Public Services II Project (GAFSP - IDA) (P126744) | Project Stage:      | Restructuring            | Status:      | DRAFT                                 |
| Team Leader(s): | Pierre Olivier Colleye  | Requesting Unit:    | LCC8C                    | Created by:  | Pierre Olivier Colleye on 26-Jun-2014 |
| Product Line:   | IBRD/IDA  | Responsible Unit:   | GFADR                    | Modified by: | Pierre Olivier Colleye on 24-Mar-2015 |
| Country:        | Haiti   | Approval FY:        | 2012                     |              |                                       |
| Region:         | LATIN AMERICA AND CARIBBEAN   | Lending Instrument: | Specific Investment Loan |              |                                       |

### Project Development Objectives

#### Original Project Development Objective:

The PDOs are to strengthen the Ministry of Agriculture, Natural Resources and Rural Development's (MARNDR) capacity to define and implement the National Agriculture Extension Strategy, to increase access of small farmers to agriculture extension services and training on animal and plant health in priority regions, and to provide financial assistance in the case of an agriculture sector emergency.

#### Proposed Project Development Objective (from Restructuring Paper):

The development objectives of the Project are to: (a) reinforce the capacity of the Ministry of Agriculture, Natural Resources and Rural Development to provide or facilitate access to services in the agricultural sector; (b) increase market access to small producers and food security in Selected Areas; and (c) provide financial assistance in the case of an agriculture sector emergency.

### Results

Core sector indicators are considered: Yes

Results reporting level: Project Level

### Project Development Objective Indicators

| Status              | Indicator Name  | Core                     | Unit of Measure                        |         | Baseline      | Actual(Current)                                      | End Target           |
|---------------------|---|--------------------------|--|---------|---------------|--|----------------------|
| Marked for Deletion | Number of client days of extension services provided to farmers, community members, etc.(disaggregated by gender)               | <input type="checkbox"/> | Number                                 | Value   | 0.00          | 0.00   | 62000.00             |
|                     |   |                          |  | Date    | 01-Dec-2011   | 10-Oct-2014  | 30-Nov-2016          |
|                     |   |                          |  | Comment |               | Indicator expected to be dropped under restructuring |                      |
| Marked for Deletion | Percentage of client days of extension services provided to female farmers and female community members                         | <input type="checkbox"/> | Percentage<br>Sub Type<br>Supplemental | Value   | 0.00          | 0.00   | 20.00                |
| Marked for Deletion | Definition, adoption and implementation of a national extension strategy by the MARDNR and main stakeholders                    | <input type="checkbox"/> | Text                                   | Value   | Not completed | Strategy under implementation                        | Strategy implemented |
|                     |   |                          |  | Date    | 01-Dec-2011   | 10-Oct-2014  | 30-Nov-2016          |
|                     |   |                          |  | Comment |               |  |                      |
| Marked for Deletion | Number of farmers that have access to improved agriculture information, technologies, inputs, material, and services            | <input type="checkbox"/> | Number                                 | Value   | 0.00          | 0.00   | 50000.00             |
|                     |   |                          |  | Date    | 01-Dec-2011   | 31-Mar-2014  | 30-Nov-2016          |
|                     |   |                          |  | Comment |               |  |                      |
| Marked for Deletion | Percentage of female farmers that have access to improved agriculture information, technologies, inputs, material, and services | <input type="checkbox"/> | Percentage<br>Sub Type<br>Supplemental | Value   | 0.00          | 0.00   | 20.00                |
| New                 | Performance of MARNDNR in Sanitary and Phytosanitary (SPS) measures (Index Rating from gap analysis using                       | <input type="checkbox"/> | Percentage                             | Value   | 30.00         | 30.00  | 60.00                |
|                     |   |                          |  | Date    | 01-Apr-2012   | 12-Mar-2015  | 30-Apr-2018          |
|                     |   |                          |  | Comment |               |  |                      |

|     |   |                                     |  |         |             |             |             |
|-----|---|-------------------------------------|--|---------|-------------|-------------|-------------|
|     | methodology of World Organization for Animal Health)                                |                                     |  |         |             |             |             |
| New | Production increase by voucher beneficiaries  | <input type="checkbox"/>            | Percentage                             | Value   | 0.00        | 0.00        | 30.00       |
|     |   |                                     |  | Date    | 01-Apr-2012 | 01-Apr-2015 | 01-Apr-2018 |
|     |   |                                     |  | Comment |             |             |             |
| New | Increase in sales of the supported producer organizations (Aggregated million US\$) | <input type="checkbox"/>            | Amount(USD)                            | Value   | 0.00        | 0.00        | 10.00       |
|     |   |                                     |  | Date    | 01-Apr-2012 | 01-Apr-2015 | 01-Apr-2018 |
|     |   |                                     |  | Comment |             |             |             |
| New | Direct project beneficiaries  | <input checked="" type="checkbox"/> | Number                                 | Value   | 0.00        | 1000.00     | 19000.00    |
|     |   |                                     |  | Date    | 01-Apr-2012 | 01-Apr-2015 | 01-Apr-2018 |
|     |   |                                     |  | Comment |             |             |             |
| New | Female beneficiaries  | <input checked="" type="checkbox"/> | Percentage<br>Sub Type<br>Supplemental | Value   | 0.00        | 350.00      | 5400.00     |

### Intermediate Results Indicators

| Status              | Indicator Name   | Core                     | Unit of Measure        |         | Baseline    | Actual(Current) | End Target  |
|---------------------|--|--------------------------|------------------------|---------|-------------|-----------------|-------------|
| Marked for Deletion | Number of farmers (from a sample) that are satisfied with the quality and availability of agriculture services. MALE farmers | <input type="checkbox"/> | Percentage             | Value   | 0.00        | 0.00            | 50.00       |
|                     |  |                          |                        | Date    | 01-Dec-2011 | 10-Oct-2014     | 30-Nov-2016 |
|                     |  |                          |                        | Comment |             |                 |             |
| Marked for Deletion | Number of farmers (from a sample) that are satisfied with  | <input type="checkbox"/> | Percentage<br>Sub Type | Value   | 0.00        | 0.00            | 50.00       |

|                     |  |                          |              |         |                                    |   |  |
|---------------------|--|--------------------------|--------------|---------|------------------------------------|---|--|
|                     | the quality and availability of agriculture services. FEMALE farmers   |                          | Supplemental |         |                                    |   |  |
| Marked for Deletion | Active coordination of national agricultural extension (public sector) through appropriate structures equipped with necessary means at the central, department and local level (BAC centers) | <input type="checkbox"/> | Text         | Value   | No admin measures for coordination | Strengthening of DDAs under implementation, including “tables de concertations” | admin. measures for active coordination established and functional |
|                     |  |                          |              | Date    | 01-Dec-2011                        | 31-Mar-2014   | 30-Nov-2016  |
|                     |  |                          |              | Comment |                                    |   |  |
| Marked for Deletion | Continued exchange of information/experiences, dialogue, and training of executives, between Haiti and International Partners  | <input type="checkbox"/> | Text         | Value   | None                               |   | 5 Trainings and 2 exchange trips/mission                           |
|                     |  |                          |              | Date    | 01-Dec-2011                        | 10-Oct-2014   | 30-Nov-2016  |
|                     |  |                          |              | Comment |                                    |   |  |
| Marked for Deletion | Agroclimatic forecasting available   | <input type="checkbox"/> | Number       | Value   | 0.00                               | 0.00  | 2.00   |
|                     |  |                          |              | Date    | 01-Dec-2011                        | 10-Oct-2014   | 30-Nov-2016  |
|                     |  |                          |              | Comment | Departments with Forecasts Reports |   | Departments with Forecasts Reports                                 |
| Marked for Deletion | Certification of the national laboratory(Tamarinier)   | <input type="checkbox"/> | Text         | Value   | None                               |   | Level 2 (for certain tests)  |
|                     |  |                          |              | Date    | 01-Dec-2011                        | 31-Mar-2014   | 30-Nov-2016  |
|                     |  |                          |              | Comment |                                    |   |  |
| Marked for Deletion | Number of farmer organization networks(cooperatives, groups,   | <input type="checkbox"/> | Number       | Value   | 0.00                               | 0.00  | 25.00  |
|                     |  |                          |              | Date    | 01-Dec-2011                        | 10-Oct-2014   | 30-Nov-2016  |

|                     |  |                                     |                                    |         |             |             |             |
|---------------------|--|-------------------------------------|------------------------------------|---------|-------------|-------------|-------------|
|                     | associations, etc.) reinforced and with improved post-harvest operations   |                                     |                                    | Comment |             |             |             |
| Marked for Deletion | Number of agriculture applied research partnerships between MARNDR and NGOs, Universities, Farmer Groups, Private Sector, etc. | <input type="checkbox"/>            | Number                             | Value   | 0.00        | 0.00        | 20.00       |
|                     |  |                                     |                                    | Date    | 01-Dec-2011 | 10-Oct-2014 | 30-Nov-2016 |
|                     |  |                                     |                                    | Comment |             |             |             |
| Marked for Deletion | Targeted clients satisfied with agricultural services (percentage)   | <input checked="" type="checkbox"/> | Percentage                         | Value   | 0.00        | 0.00        |             |
|                     |  |                                     |                                    | Date    | 01-Dec-2011 | 10-Oct-2014 |             |
|                     |  |                                     |                                    | Comment |             |             |             |
| No Change           | Targeted clients – female (number)   | <input checked="" type="checkbox"/> | Number<br>Sub Type<br>Supplemental | Value   | 0.00        | 0.00        |             |
| No Change           | Targeted clients- male (number)  | <input checked="" type="checkbox"/> | Number<br>Sub Type<br>Supplemental | Value   | 0.00        | 0.00        |             |
| No Change           | Targeted clients satisfied with agricultural services - female (number)  | <input checked="" type="checkbox"/> | Number<br>Sub Type<br>Supplemental | Value   | 0.00        | 0.00        |             |
| No Change           | Targeted clients satisfied with agricultural services - male (number)  | <input checked="" type="checkbox"/> | Number<br>Sub Type<br>Supplemental | Value   | 0.00        | 0.00        |             |
| Marked for Deletion | Client days of training provided (number)  | <input checked="" type="checkbox"/> | Number                             | Value   | 0.00        | 0.00        |             |
|                     |  |                                     |                                    | Date    | 01-Dec-2011 | 10-Oct-2014 |             |

|                     |   |                                     |            |         |             |  |  |
|---------------------|---|-------------------------------------|------------|---------|-------------|--|--|
|                     |   |                                     |            | Comment |             |  |  |
| No Change           | Client days of training provided - Female (number)              | <input checked="" type="checkbox"/> | Number     | Value   | 0.00        | 0.00   |  |
|                     |   |                                     | Sub Type   | Date    | 01-Dec-2011 | 10-Oct-2014  |  |
|                     |   |                                     | Breakdown  | Comment |             |  |  |
| Marked for Deletion | Targeted clients who are members of an association (percentage) | <input checked="" type="checkbox"/> | Percentage | Value   | 0.00        | 80.00  |  |
|                     |   |                                     |            | Date    | 01-Dec-2011 | 10-Oct-2014  |  |
|                     |   |                                     |            | Comment |             | Based on membership of applicants under the matching grant. Indicator will be dropped.                                 |  |
| No Change           | Targeted clients - female (number)                              | <input checked="" type="checkbox"/> | Number     | Value   | 0.00        | 53.00  |  |
|                     |   |                                     | Sub Type   | Date    | 31-Dec-2013 | 10-Oct-2014  |  |
|                     |   |                                     | Breakdown  | Comment |             |  |  |
| No Change           | Targeted clients - male (number)                                | <input checked="" type="checkbox"/> | Number     | Value   | 0.00        | 47.00  |  |
|                     |   |                                     | Sub Type   | Date    | 01-Dec-2011 | 10-Oct-2014  |  |
|                     |   |                                     | Breakdown  | Comment |             | At level of pre-selection of matching grant proposals. This number may go up or down depending on the final selection. |  |
| No Change           | Targeted clients who are  | <input checked="" type="checkbox"/> | Number     | Value   | 0.00        | 80.00  |  |

|           |   |                                     |                           |         |                              |  |                              |
|-----------|---|-------------------------------------|---------------------------|---------|------------------------------|--|------------------------------|
|           | members of an association – female (number)   |                                     | Sub Type Breakdown        | Date    | 01-Dec-2011                  | 10-Oct-2014  |                              |
|           |   |                                     |                           | Comment |                              | At level of pre-selection of matching grant proposals. This number may go up or down depending on the final selection. |                              |
| No Change | Targeted clients who are members of an association - male (number)  | <input checked="" type="checkbox"/> | Number Sub Type Breakdown | Value   | 0.00                         | 80.00  |                              |
|           |   |                                     |                           | Date    | 01-Dec-2011                  | 10-Oct-2014  |                              |
|           |   |                                     |                           | Comment |                              | At level of pre-selection of matching grant proposals. This number may go up or down depending on the final selection. |                              |
| New       | a) Central Building; b) Polyvalent centers ; c) Quarantine stations; et d) Laboratories; are built / rehabilitated, equipped and operational. | <input type="checkbox"/>            | Text                      | Value   | a) 0<br>b) 0<br>c) 0<br>d) 0 | a) 0<br>b) 0<br>c) 0<br>d) 0   | a) 1<br>b) 4<br>c) 5<br>d) 3 |
|           |   |                                     |                           | Date    | 01-Apr-2012                  | 01-Apr-2015  | 01-Apr-2018                  |
|           |   |                                     |                           | Comment |                              |  |                              |
| New       | Number of client days of training linked to SPS provided to epidemiological volunteers and private veterinarians.                             | <input type="checkbox"/>            | Number                    | Value   | 0.00                         | 0.00   | 6600.00                      |
|           |   |                                     |                           | Date    | 01-Apr-2012                  | 01-Apr-2015  | 01-Apr-2018                  |
|           |   |                                     |                           | Comment |                              |  |                              |

|     |  |                          |                                 |         |             |             |             |
|-----|--|--------------------------|---------------------------------|---------|-------------|-------------|-------------|
| New | Number of samples analyzed for the detection of the presence of diseases.  | <input type="checkbox"/> | Number                          | Value   | 0.00        | 0.00        | 96000.00    |
|     |  |                          |                                 | Date    | 01-Apr-2012 | 01-Apr-2015 | 01-Apr-2018 |
|     |  |                          |                                 | Comment |             |             |             |
| New | Number of cattle identified by the Project and included in the information system  | <input type="checkbox"/> | Number                          | Value   | 0.00        | 0.00        | 250000.00   |
|     |  |                          |                                 | Date    | 01-Apr-2012 | 01-Apr-2015 | 01-Apr-2018 |
|     |  |                          |                                 | Comment |             |             |             |
| New | Number of Departments where producers have access to market information by SMS, community radio and/or by publication at all DDA and BACs. | <input type="checkbox"/> | Number                          | Value   | 0.00        | 0.00        | 4.00        |
|     |  |                          |                                 | Date    | 01-Apr-2012 | 01-Apr-2015 | 01-Apr-2018 |
|     |  |                          |                                 | Comment |             |             |             |
| New | Number of didactical material elaborated and diffused in the Project zone, classified by themes.   | <input type="checkbox"/> | Number                          | Value   | 0.00        | 0.00        | 20.00       |
|     |  |                          |                                 | Date    | 01-Apr-2012 | 01-Apr-2015 | 01-Apr-2018 |
|     |  |                          |                                 | Comment |             |             |             |
| New | Agricultural Middle School is operational for at least 30 students.  | <input type="checkbox"/> | Text                            | Value   |             | No          | Yes         |
|     |  |                          |                                 | Date    | 01-Apr-2012 | 01-Apr-2015 | 01-Apr-2018 |
|     |  |                          |                                 | Comment |             |             |             |
| New | Number of producers adopting improved technologies promoted by the Project   | <input type="checkbox"/> | Number                          | Value   | 0.00        | 0.00        | 8000.00     |
|     |  |                          |                                 | Date    | 01-Apr-2012 | 01-Apr-2015 | 01-Apr-2018 |
|     |  |                          |                                 | Comment | 0           | 0           | 0           |
| New | Number of producers adopting improved technologies promoted by the Project (disaggregated by gender)                                       | <input type="checkbox"/> | Number<br>Sub Type<br>Breakdown | Value   | 0.00        | 0.00        | 2400.00     |
|     |  |                          |                                 | Date    | 01-Apr-2012 | 01-Apr-2015 | 01-Apr-2018 |
|     |  |                          |                                 | Comment |             |             |             |

|     |  |                          |            |         |             |             |             |
|-----|--|--------------------------|------------|---------|-------------|-------------|-------------|
| New | Number of accredited suppliers of inputs and services in the targeted areas  | <input type="checkbox"/> | Number     | Value   | 0.00        | 0.00        | 200.00      |
|     |  |                          |            | Date    | 01-Apr-2012 | 01-Apr-2015 | 01-Apr-2018 |
|     |  |                          |            | Comment |             |             |             |
| New | Increase in productivity of the voucher beneficiaries  | <input type="checkbox"/> | Percentage | Value   | 0.00        | 0.00        | 25.00       |
|     |  |                          |            | Date    | 01-Apr-2012 | 01-Apr-2015 | 01-Apr-2018 |
|     |  |                          |            | Comment |             |             |             |
| New | Number of client days of extension services provided to producers, members of producer organizations, different than SPS training. | <input type="checkbox"/> | Number     | Value   | 0.00        | 0.00        | 13000.00    |
|     |  |                          |            | Date    | 01-Apr-2012 | 01-Apr-2015 | 01-Apr-2018 |
|     |  |                          |            | Comment |             |             |             |
| New | Satisfaction rate of participants of the farmer field schools.   | <input type="checkbox"/> | Percentage | Value   |             | 0.00        | 75.00       |
|     |  |                          |            | Date    | 01-Apr-2012 | 01-Apr-2015 | 01-Apr-2018 |
|     |  |                          |            | Comment |             |             |             |
| New | Percentage of producer organizations having an operational investment at least 12 months after its completions.                    | <input type="checkbox"/> | Percentage | Value   |             |             | 75.00       |
|     |  |                          |            | Date    | 01-Apr-2012 | 01-Apr-2015 | 01-Apr-2018 |
|     |  |                          |            | Comment |             |             |             |
| New | Percentage of sub-projects that are sensitive to a) gender; b) environment; or c) nutrition.                                       | <input type="checkbox"/> | Percentage | Value   |             |             | 60.00       |
|     |  |                          |            | Date    | 01-Apr-2012 | 01-Apr-2015 | 01-Apr-2018 |
|     |  |                          |            | Comment |             |             |             |