



## HT Strengthening Hydro-Met Services (P148259)

LATIN AMERICA AND CARIBBEAN | Haiti | Social, Urban, Rural and Resilience Global Practice Global Practice | Recipient Executed Activities | Investment Project Financing | FY 2015 | Seq No: 1 | ARCHIVED on 24-Nov-2015 | ISR21282 |

Implementing Agencies: Ministry of Agriculture, Natural Resources and Rural Development (MARNDR)

### Key Dates

#### Key Project Dates

Bank Approval Date:26-Jun-2015

Effectiveness Date:19-Oct-2015

Planned Mid Term Review Date:15-Jan-2018

Actual Mid-Term Review Date:--

Original Closing Date:30-Jun-2020

Revised Closing Date:30-Jun-2020

### Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Project Development Objective (PDO) is to strengthen the Republic of Haiti's institutional capacity to provide hydro-meteorological and climate information services customized to the needs of the civil protection and agriculture sectors, which contributes to increasing disaster and climate resilience.

Has the Project Development Objective been changed since Board Approval of the Project Objective?

No

### Components

Name

Institutional strengthening of hydro-meteorological services and development of data management tools:(Cost \$3.00 M)

Identification of hydro-meteorological and climate services' requirements for select end users and development of information services to support decision making:(Cost \$1.40 M)

Support to project implementation, monitoring and evaluation, and PPCR knowledge management:(Cost \$0.60 M)

### Overall Ratings

| Name                                 | Previous Rating | Current Rating |
|--------------------------------------|-----------------|----------------|
| Progress towards achievement of PDO  | --              | ● Satisfactory |
| Overall Implementation Progress (IP) | --              | ● Satisfactory |
| Overall Risk Rating                  | --              | ● Substantial  |



## Implementation Status and Key Decisions

This is an initial ISR for the Haiti Strengthening Hydro-Met Services Project. Following Board approval on June 26, 2015, the Grant Agreement was signed on July 21, 2015 and the Project became effective on October 19, 2015. A Project Coordinator was formally nominated by the Director General of the Ministry of Agriculture, Natural Resources and Rural Development (MARNDR). The Project team is in place as it draws on MARNDR central procurement unit (UPMP), M&E and Safeguard Unit (UEP). Financial Management (FM) is provided by the Bank-financed Relaunching Agriculture Project (RESEPA II) FM unit.

A Call for Expression of Interest for the first activities to be carried out by the Project was published in Haiti and on UNDB in October 2015. These activities include the following main tasks: a) baseline assessment/inventory of hydromet networks and services in Haiti; b) identify needs of main end users (mainly, but not limited to, civil protection and food security); c) Propose a model for creating a national end user group for hydromet and climate data; d) Define technical specifications for an optimal Information System which responds to the need of the main end users and feeds a central data platform and interfaces for end users; e) Establish a baseline for the M&E framework of the hydromet project; f) Develop ToR and bidding packages for the Phase 2 of the project (execution/installation of equipment); g) Provide technical support to the Government of Haiti to monitor and supervise implementation of Phase 2 of the project (expected to last until June 30, 2020).

In early October 2015, under the umbrella of the Hydromet Project a 3-day "Code for Resilience" brought together computer science students from Haitian universities and professional software developers from Haiti to create a pilot platform using SMS to systematically collect, analyze, archive and disseminate rainfall data from more than 100 agro-meteorological stations across the country. This open source application aims to become the first module of a national data platform (supported by Component 1 of the Hydromet Project) allowing different hydromet networks in the country to work together.



## Risks

### Systematic Operations Risk-rating Tool

| Risk Category  | Rating at Approval | Previous Rating | Current Rating |
|--|--------------------|-----------------|----------------|
| Political and Governance                                     | ● Substantial      | --              | ● Substantial  |
| Macroeconomic  | ● Moderate         | --              | ● Moderate     |
| Sector Strategies and Policies                               | ● High             | --              | ● High         |
| Technical Design of Project or Program                       | ● Moderate         | --              | ● Moderate     |
| Institutional Capacity for Implementation and Sustainability | ● High             | --              | ● High         |
| Fiduciary  | ● Substantial      | --              | ● Substantial  |
| Environment and Social                                       | ● Moderate         | --              | ● Moderate     |
| Stakeholders   | ● Low              | --              | ● Low          |
| Other  | --                 | --              | --             |
| Overall  | ● Substantial      | --              | ● Substantial  |

## Results

### Project Development Objective Indicators

► Data collected from hydro-met networks are accessible on a centralized online hydro-meteorological data management platform, with its own operating procedures for validation and storage (Yes/No, Custom)

|       | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|----------|-------------------|------------------|------------|
| Value | N        | --                | N                | Y          |



|      |             |    |             |             |
|------|-------------|----|-------------|-------------|
| Date | 30-Jun-2015 | -- | 28-Oct-2015 | 30-Jun-2020 |
|------|-------------|----|-------------|-------------|

► Number of sub-networks feeding into the centralized platform (Number, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | --                | 0.00             | 5.00        |
| Date  | 06-Jun-2015 | --                | 28-Oct-2015      | 30-Jun-2020 |

► End users' satisfaction rate towards improved hydromet information services (Percentage, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | --                | 0.00             | 0.00        |
| Date  | 30-Jun-2015 | --                | 28-Oct-2015      | 30-Apr-2020 |

▲ End users' satisfaction rate towards improved hydromet information services (gender disaggregated) (Percentage, Custom Breakdown)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | --                | 0.00             | 0.00        |
| Date  | 30-Jun-2015 | --                | 28-Oct-2015      | 30-Jun-2020 |

#### Overall Comments

The target value for some of the indicators of the project Results Framework (e.g. satisfaction rate of end users; number of stations reporting into the data platform; number of stations rehabilitated by the project; percentage of female beneficiaries) will be defined during the baseline assessment which is the first activity to be carried out under the Project (EoI have been submitted as of Nov 12).

#### Intermediate Results Indicators



▶ Number of users and instructors trained on the use of the centralized data platform (Number, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | --                | 0.00             | 80.00       |
| Date  | 30-Jun-2015 | --                | 28-Oct-2015      | 30-Jun-2020 |

▲ Number of users and instructors trained on the use of the centralized data platform (% of women) (Number, Custom Breakdown)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | --                | 0.00             | 20.00       |
| Date  | 30-Jun-2015 | --                | 28-Oct-2015      | 30-Jun-2020 |

▶ Hydrological and meteorological stations reporting data to the platform in line with agreed SOPs (Number, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | --                | 0.00             | 0.00        |
| Date  | 30-Jun-2015 | --                | 28-Oct-2015      | 30-Jun-2020 |

▶ Number of Civil Protection Committees using the customized application from the centralized data platform (Number, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | --                | 0.00             | 40.00       |
| Date  | 30-Jun-2015 | --                | 28-Oct-2015      | 30-Jun-2020 |



► Operational stations (physical structure) (Number, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | --                | 0.00             | 0.00        |
| Date  | 30-Jun-2015 | --                | 28-Oct-2015      | 30-Jun-2020 |

► Number of Departmental Agricultural Directions (DDA) using the customized application from the centralized data platform (Number, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | --                | 0.00             | 10.00       |
| Date  | 30-Jun-2015 | --                | 28-Oct-2015      | 30-Jun-2020 |

► Timely submission of project procurement reports (Yes/No, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | N           | --                | Y                | Y           |
| Date  | 30-Jun-2015 | --                | 28-Oct-2015      | 30-Jun-2020 |

► Direct project beneficiaries (Number, Core)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | --                | 0.00             | 1000000.00  |
| Date  | 30-Jun-2015 | --                | 28-Oct-2015      | 30-Jun-2019 |



▾ Female beneficiaries (Percentage, Core Supplement)

|       | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|----------|-------------------|------------------|------------|
| Value | 0.00     | --                | 0.00             | 0.00       |

▶ Timely submission of financial management reports (Yes/No, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | N           | --                | Y                | Y           |
| Date  | 30-Jun-2015 | --                | --               | 30-Jun-2020 |

Overall Comments

## Data on Financial Performance

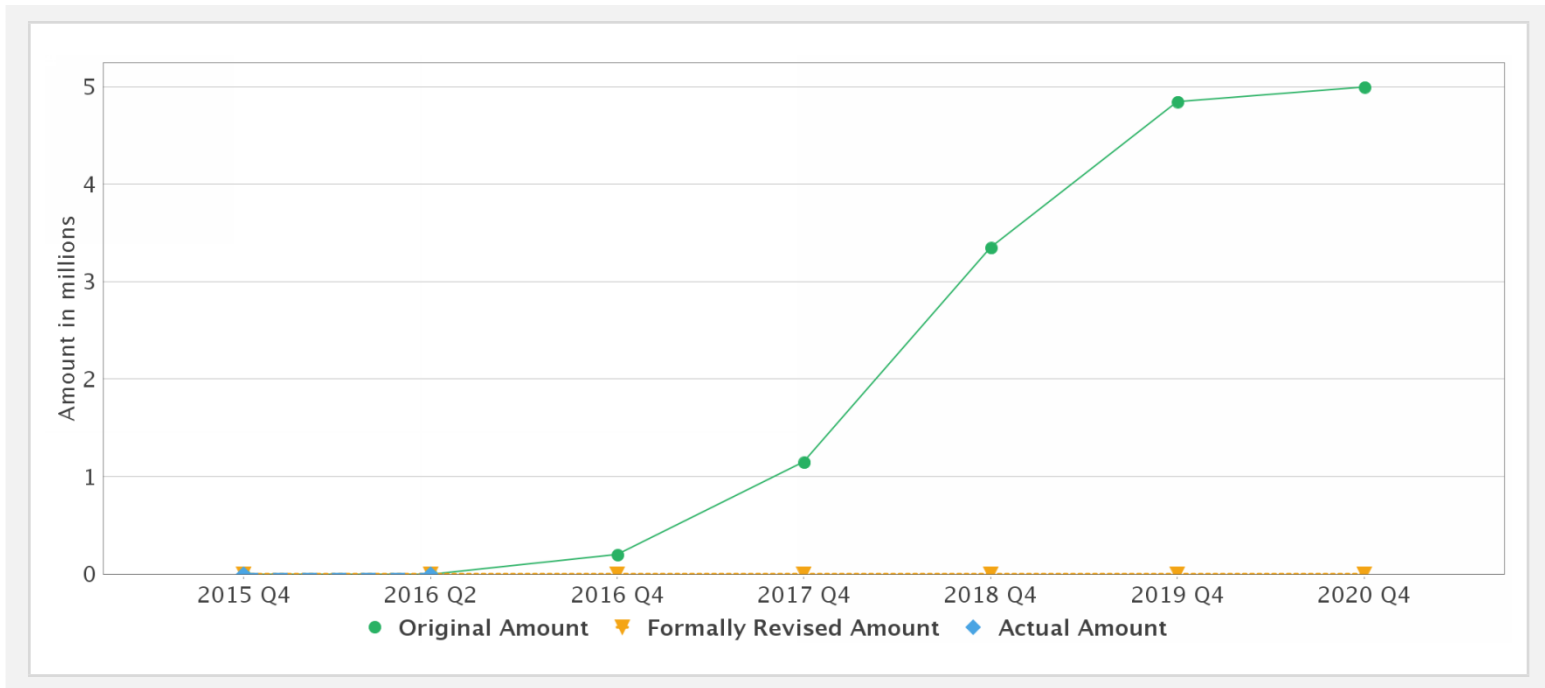
### Disbursements (by loan)

| Project | Loan/Credit/TF | Status    | Currency | Original | Revised | Cancelled | Disbursed | Undisbursed | Disbursed |
|---------|----------------|-----------|----------|----------|---------|-----------|-----------|-------------|-----------|
| P148259 | TF-A0226       | Effective | USD      | 5.00     | 5.00    | 0.00      | 0.00      | 5.00        | 0%        |

### Key Dates (by loan)

| Project | Loan/Credit/TF | Status    | Approval Date | Signing Date | Effectiveness Date | Orig. Closing Date | Rev. Closing Date |
|---------|----------------|-----------|---------------|--------------|--------------------|--------------------|-------------------|
| P148259 | TF-A0226       | Effective | 26-Jun-2015   | 21-Jul-2015  | 19-Oct-2015        | 30-Jun-2020        | 30-Jun-2020       |

### Cumulative Disbursements



## Restructuring History

There has been no restructuring to date.

## Related Project(s)

There are no related projects.