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# Niger Disaster Risk Management and Urban Development Project (P145268)

AFRICA | Niger | Social, Urban, Rural and Resilience Global Practice Global Practice |
IBRD/IDA | Investment Project Financing | FY 2014 | Seq No: 8 | ARCHIVED on 04-Apr-2018 | ISR30085 |

Implementing Agencies: Cabinet du Premier Ministre, Government of Niger, Prime Minister Cabinet

## Key Dates

### Key Project Dates

Bank Approval Date:11-Dec-2013
Effectiveness Date:15-Aug-2014
Planned Mid Term Review Date:15-Jan-2018
Actual Mid-Term Review Date:04-Dec-2017
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 improve Niger's resilience to natural hazards through selected disaster risk management interventions in targeted project sites and strengthening of Government's capacity to respond promptly and effectively to an eligible crisis or an emergency.

Has the Project Development Objective been changed since Board Approval of the Project Objective?
No

Global Environmental Objective (from Project Appraisal Document)
N/A

Has the Global Environmental Objective been changed since Board Approval of the Project Objective?
No

## Components

| Name |
|---|
| Comp. 1: Flood Risk Management Investments:(Cost $73.00 M) |
| Comp. 2: Capacity Building for Urban Development and Disaster Risk Management:(Cost $22.00 M) |
| Comp. 3: Project Management:(Cost $5.00 M) |
| Comp. 4: Contingency Component |

## Overall Ratings

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

## Implementation Status and Key Decisions

The project supports flood risk management through innovative combination of urban drainage and flood protection infrastructure, restoration of large irrigated schemes in peri-urban areas, enhanced planning capacities for drainage and urban development, sustainable land and water management practices in upstream watersheds, and capacity development for local and central governments to manage financial resources with due consideration for disaster risks, early warning and preparedness and response.

The project has already (i) completed a large drinking water program including more than 45 mini networks and 30 equipped boreholes, with a focus on displaced people in Diffa region, and 11 km of protection dike in Niamey; (ii) recovered 8364 ha of irrigable land (the project end target is 6500 ha), developed 4218 ha of dune fixation (the project end target is 5500 ha) and 15000 ml of biological protection of koris banks. In addition, all contracts related to AHA were approved in December 2017. The project has also provided, through the IRM, an adequate and highly appreciated support to the population affected by floods in Tahoua and Agadez regions.

The pace of project implementation and disbursement are satisfactory - 70% for IDA-5340 and 30% for the TF-16000), which is in line with projections. This pace is expected to further accelerate after the recent approval of some large contracts. Project management capacities continue to improve with a PCU better equipped to carry out the needed coordination, including inter-ministerial, inter-regional (4 regions and 2 regions covered under the IRM) and between deconcentrated and decentralized authorities.

## Risks

### Systematic Operations Risk-rating Tool

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

## Results

## Project Development Objective Indicators

▸ Direct project beneficiaries (Number, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 0.00 | 1,075,729.00 | 1,102,877.00 | 4,000,000.00 |
| Date | 17-Oct-2013 | 16-Jun-2017 | 15-Mar-2018 | 30-Jun-2020 |

Comments

As per MTR agreement, actual number of total direct project beneficiaries needs to be recalculated to reflect changes on data reporting due to: (i) elimination of activities that no longer can be delivered, i.e. rehabilitation/ development of pond control structures, collapsed natural drains, gutters, collectors and sewers; and (ii) addition of IRM beneficiaries and scale-up activities proposed by the Additional Financing in Agadez and Tahoua. The revised numbers will be reflected in the AF project paper and reported on in the next ISR.

◢ Female beneficiaries (Percentage, Custom Supplement)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 50.00 | 46.00 | 46.00 | 50.00 |

▸ Targeted flood protection and sustainable land and water management interventions contributing to increased resilience (% of targeted interventions implemented) (Percentage, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 0.00 | 56.00 | 67.00 | 100.00 |
| Date | 17-Oct-2013 | 16-Jun-2017 | 15-Mar-2018 | 30-Jun-2020 |

Comments

As agreed at MTR, the end target should be revised down to 60%, given that (i) only 5 out of 9 types of targeted interventions (56%) have been achieved or in progress, and (ii) project costs were substantially underestimated at project preparation, rendering the delivery of 4 activities no longer possible. The indicator focuses on (1) regulation of structures along tributaries, (2) rehabilitation / development of pond control structures, (3) rehabilitation of old natural drains that have collapsed, and (4) rehabilitation of drainage gutters / collectors / sewers. This indicator will be updated through the simple restructuring as part of the AF.

▸ Performance of the early warning and response system for natural rapid onset hazards (e.g. floods, strong winds, wild landfires) (Number, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 0.00 | 2.00 | 1.00 | 5.00 |
| Date | 17-Oct-2013 | 16-Jun-2017 | 15-Mar-2018 | 30-Jun-2020 |

Comments

As agreed at MTR, the indicator will be reformulated and the ISR changes of the unit of measurement and end target will be formalized through a simple restructuring under the AF, i.e. "number of national institutions contributing to early warning systems (EWS)", measured in 'number' (not in %) with an end target of 5 (not 100%) as stated in the PAD. The revised indicator will measure the active participation of institutions in the national 'disaster risk reduction and response platform', as well as the level of appropriation of DRM and DRR within the institution.

The reason why the current Actual (1 institution) is reported in this ISR as below the previous Actual (2 institutions) is due to the fact that only the DGCP (Civil Protection) has actually carried out preparation planning and operations manuals for emergency response, while the Met Service faced delays regarding this; however, with the new support of the Country Risk Early Warning System (CREWS), launched in early Dec 2017, it is expected that the number of national institutions, contributing to the early warning system, will increase and that the end target can be met by project end.

Overall Comments

As the project achieved its mid term, the performance of the PDO indicators are conducive towards their achievement. The MTR had the opportunity to review the pertinence of some activities, and the effectiveness of the metrics for each indicator, and agreed that updates should be introduced at the simple restructuring for the additional finance to improve its effectiveness.

## Global Environmental Objective Indicators

▸ Targeted flood protection and sustainable land and water management interventions contributing to increased resilience (Percentage, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 0.00 | 100.00 | 65.00 | 100.00 |
| Date | 17-Oct-2013 | 28-Oct-2016 | 31-Dec-2017 | 30-Jun-2020 |

Overall Comments

This indicator repeats to the second PDO indicator.

As agreed at MTR, the end target should be revised down to 60%, given that (i) only 5 out of 9 types of targeted interventions (56%) have been achieved or in progress, and (ii) project costs were substantially underestimated at project preparation, rendering the delivery of 4 activities no longer possible. The indicator focuses on (1) regulation of structures along tributaries, (2) rehabilitation / development of pond control

structures, (3) rehabilitation of old natural drains that have collapsed, and (4) rehabilitation of drainage gutters / collectors / sewers. This indicator will be updated through the simple restructuring as part of the AF.

## Intermediate Results Indicators

▸ Sources of drinking water rehabilitated or developed (Number, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 0.00 | 404.00 | 409.00 | 260.00 |
| Date | 17-Oct-2013 | 09-Jun-2017 | 15-Mar-2018 | 30-Jun-2020 |

Comments

This ISR reflects the original end target of 260 (as per PAD).

As the original target of 260 sources of drinking water was surpassed due to the emergency intervention in Diffa region, (where demand peaked due to security-related reallocation of a large number of people), the MTR agreed to revise the end target to 400 through a simple restructuring under the AF.

▸ Potential retention of peak flow runoff from upstream tributaries (Cubic Meter(m3), Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 0.00 | 0.00 | 0.00 | 500.00 |
| Date | 17-Oct-2013 | 09-Jun-2017 | 30-Sep-2017 | 30-Jun-2020 |

Comments

During the MTR it was agreed to drop this indicator through the simple restructuring, as the related activities cannot be implemented before the end of the project, as the technical studies have not yet been completed and as resources are no longer available to finance the related works due to the cost under-estimation during project preparation.

▸ Targeted irrigable land rehabilitated (Hectare(Ha), Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 0.00 | 282.00 | 302.00 | 2,000.00 |
| Date | 17-Oct-2013 | 09-Jun-2017 | 15-Mar-2018 | 30-Jun-2020 |

Comments

As agreed at MTR, the end target will be revised down to 1700 ha, to adequately reflect project coverage through activities of the original project and the MRI: (i) original project: rehabilitation of 1350 ha with 1308 ha of irrigable land (= 5 ha in Tillaberi, 3 ha in Dosso, 1 ha Niamey) and 46 ha for vegetable home-gardening, and (ii) MRI: rehabilitation of 350 ha in Agadez and Tahoua. This target will be updated through the simple restructuring under the AF and reported on in the next ISR.

The low Actual is due to some delays in signing and execution of large contracts, which however are now being implemented, and the revised target is expected to be met during the remainder of the project period.

▸ Watershed protection and land restoration interventions (Hectare(Ha), Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 0.00 | 12,582.00 | 12,755.00 | 6,500.00 |
| Date | 17-Oct-2013 | 09-Jun-2017 | 15-Mar-2018 | 30-Jun-2020 |

Comments

The MTR identified the need to improve reporting of this indicator, which will be done through the simple restructuring under the AF, incl (1) separation of watershed protection and land restoration into 2 indicators as the units of measures are different (ha and km), and (2) replacement of the sub-indicators "live fencing" due to lack of feasibility with "dike protection" (which was not measured before).

To reflect the PAD, this ISR introduces 4 sub-indicators to breakdown activities and allow accurate reporting of achievement of Actuals and End Targets: (i) sand dune fixation; (ii) restoration of degraded land; (iii) stone walls; and (iv) live fencing. Additionally, this ISR notes the incorrectly reported end target of 6,500 ha, which only refers to restoration of degraded land (1 out of 4 sub-indicators). The planned separation of indicators will address this.

The above changes will be reported on in the next ISR.

### Sand dune fixation (Hectare(Ha), Custom Supplement)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 0.00 | -- | 4,218.00 | 5,500.00 |

### Restoration of degraded land (Hectare(Ha), Custom Supplement)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 0.00 | -- | 8,364.00 | 6,500.00 |

### Stonewalls (Kilometers, Custom Supplement)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 0.00 | -- | 0.20 | 200.00 |

### Live Fencing (Kilometers, Custom Supplement)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 0.00 | -- | 0.00 | 3,500.00 |

▸ Development and/or updating of urban master plans and local development plans (Number, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 0.00 | 12.00 | 14.00 | 39.00 |
| Date | 17-Oct-2013 | 09-Jun-2017 | 15-Mar-2018 | 30-Jun-2020 |

Comments
Niger's current institutional framework prevents the Project to achieve this indicator. Thus, based on MTR recommendations, the indicator will be refocused on "The Preparation of Regional and Local Development Plans", which requires a reduction of the end target - this will be done through the simple restructuring under the AF and reported on in the next ISR.

▸ Quality and timely submission of Procurement and financial management reporting (Yes/No, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | Y | Y | Y | Y |
| Date | 17-Oct-2013 | 09-Jun-2017 | 15-Mar-2018 | 30-Jun-2020 |

Comments
As evidenced by Procurement Review and Financial Management Assessment this indicator continues to be achieved satisfactorily.

▸ Planned project activities implemented (Percentage, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 0.00 | 42.17 | 44.82 | 100.00 |
| Date | 17-Oct-2013 | 09-Jun-2017 | 15-Mar-2018 | 30-Jun-2020 |

Comments
The list of project activities is being updated. The planned simple restructuring under the AF will allow for an update, as some originally planned activities care no longer valid, or do not have budget to be implemented (due to cost under-estimation at project preparation), while new activities were carried out following the 2016 floods and emergency response

▸ Immediate Response Mechanism (IRM) established and ready to provide access to financial resources to Niger in case of an eligible crisis or emergency (Yes/No, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | N | Y | Y | Y |
| Date | 17-Oct-2013 | 09-Jun-2017 | 15-Mar-2018 | 30-Jun-2020 |

Comments
All documents for activation of the IRM were prepared during the first year of implementation of the Project, including Operations Manual, Contingency Plans and staff training; and implementation is on track.

▸ Time taken to make funds available as requested by Government for an eligible crisis or emergency (Weeks, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 0.00 | 4.00 | 4.00 | 4.00 |
| Date | 17-Oct-2013 | 09-Jun-2017 | 15-Mar-2018 | 30-Jun-2020 |

Comments
The activation of the IRM is a two phase process that include: (i) the preparation/submission of the activation package by the Client, and (ii) the approval/disbursement of funds by the Bank. The current indicator does not reflect the responsibility of the Client. Hence, the MTR agreed to refocus the indicator on the time elapsed for preparation/submission of activation package by the Government and to exclude the Bank's processing time, which could lead to delays that are outside the scope of the project.

▸ Percentage of female participation in decision committees for development and/or updating urban master plans and municipal development plans (Percentage, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 0.00 | -- | 0.00 | 25.00 |
| Date | 17-Oct-2013 | -- | 15-Mar-2018 | 30-Jun-2020 |

Comments
While included in the PAD, this indicator was not included in past ISRs, but is included now.
The MTR identified that participation of women in municipal councils cannot be reported due to the lack of municipal elections. Therefore it was agreed to change the indicator to measure participation of women in developing regional and/or local plans, and to report it, in future, as a sub-indicator of the new indicator on "Preparation of Regional and Local Development Plans", once the simple restructuring

under the AF is effected. Respective changes will be reported on in the next ISR.

▸ Annual municipal budget for routine drainage maintanance in municipalities with a master plan (Percentage, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 0.00 | -- | 0.00 | 5.00 |
| Date | 17-Oct-2013 | -- | 15-Mar-2018 | 30-Jun-2020 |

Comments

While included in the PAD, this indicator was not included in past ISRs, but is included now.

Due to the difficulty to report the percentage of municipal budget for municipalities' drainage maintenance with a master plan or for those municipalities with project interventions, the MTR agreed to refocus this indicator on "percentage of municipal budget allocated to solid waste collection and processing/transformation" Changes will be effected through the simple restructuring under the AF and reported on in the next ISR.

Overall Comments

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## Data on Financial Performance

### Disbursements (by loan)

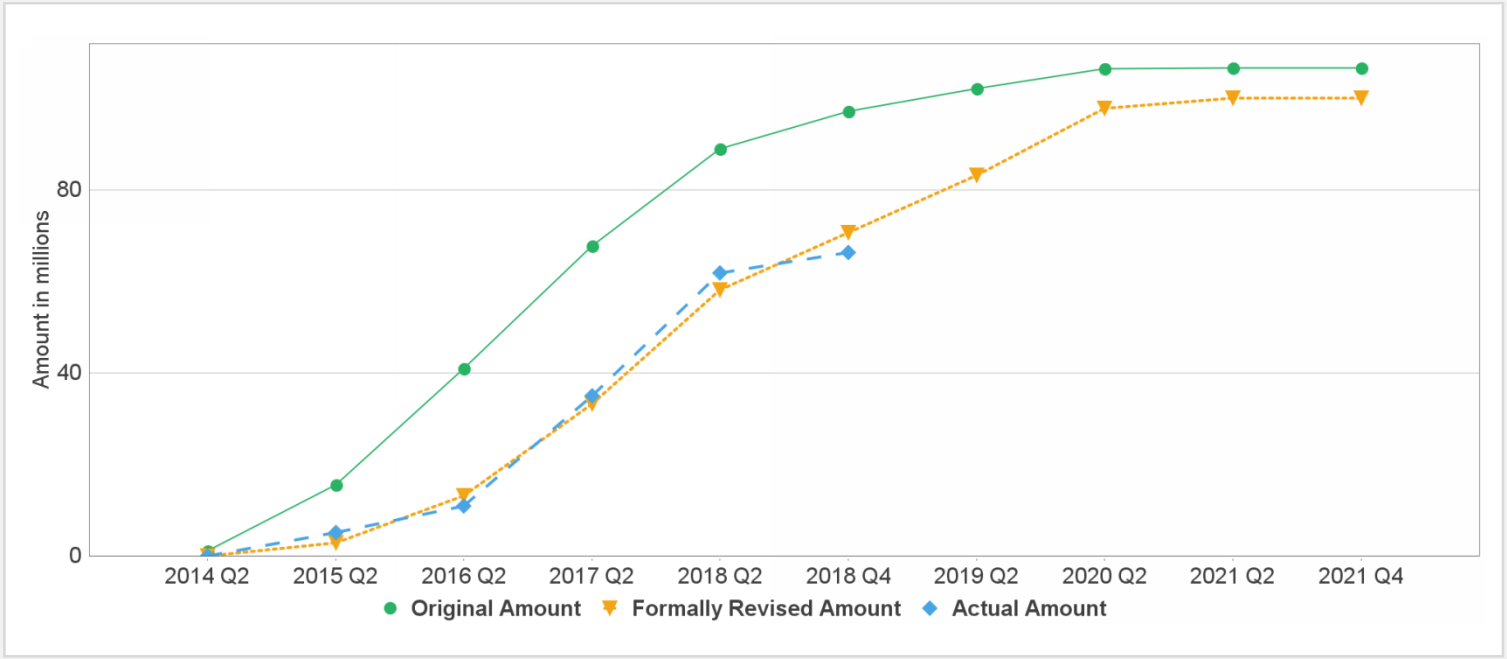
| Project | Loan/Credit/TF | Status | Currency | Original | Revised | Cancelled | Disbursed | Undisbursed | Disbursed |
|---|---|---|---|---|---|---|---|---|---|
| P145268 | IDA-53400 | Effective | USD | 100.00 | 100.00 | 0.00 | 64.21 | 27.67 | 70% |
| P145932 | TF-16000 | Effective | USD | 6.65 | 6.65 | 0.00 | 2.02 | 4.63 | 30% |

### Key Dates (by loan)

| Project | Loan/Credit/TF | Status | Approval Date | Signing Date | Effectiveness Date | Orig. Closing Date | Rev. Closing Date |
|---|---|---|---|---|---|---|---|

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| P145268 | IDA-53400 | Effective | 11-Dec-2013 | 16-Dec-2013 | 15-Aug-2014 | 30-Jun-2020 | 30-Jun-2020 |
| P145932 | TF-16000 | Effective | 16-Dec-2013 | 16-Dec-2013 | 15-Aug-2014 | 30-Jun-2020 | 30-Jun-2020 |

### Cumulative Disbursements




## Restructuring History

Level 2 Approved on 28-Mar-2016

## Related Project(s)

P145268-Niger Disaster Risk Management and Urban Development Project ,P145932-Niger Disaster Risk Management and Urban Development Project