



## TN-Oases Ecosystems and Livelihoods Project (P132157)

MIDDLE EAST AND NORTH AFRICA | Tunisia | Environment & Natural Resources Global Practice |  
Global Environment Project | Technical Assistance Loan | FY 2014 | Seq No: 7 | ARCHIVED on 10-May-2017 | ISR27957 |

Implementing Agencies:

### Key Dates

#### Key Project Dates

Bank Approval Date:11-Jun-2014

Effectiveness Date:04-Aug-2014

Planned Mid Term Review Date:15-Jun-2017

Actual Mid-Term Review Date:--

Original Closing Date:30-Nov-2019

Revised Closing Date:30-Nov-2019

### Global Development Objectives

Global Environmental Objective (from Project Appraisal Document)

The Project Development Objective/Global Environmental Objective is to improve sustainable natural resources management andpromotelivelihoods diversification in the selected oases.

Has the Global Environmental Objective been changed since Board Approval of the Project Objective?

No

### Components

Name

Strengthening Capacities for Sustainable Management of Oasis Ecosystems:(Cost \$1.31 M)

Supporting the Implementation of the PDPOs:(Cost \$4.67 M)

Project Coordination and Management:(Cost \$0.36 M)

### Overall Ratings

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

### Implementation Status and Key Decisions



The project results underline the good performance and the commitment of key partners at all levels:

Execution rates of PDO indicators are positive. Out of 18,000 targeted beneficiaries, 48.5% have already directly benefitted from the project, in about 84% of targeted 700ha of land, sustainable land management practices were adopted; 56% of 3,000 targeted land users have adopted sustainable land management practices; 83% of 30 local well-identified species have been reintroduced in selected oases (above the target of 25 species); and 67% of 30 targeted households have adopted diversified activities. Furthermore, the project has laid the foundation for positive achievements in the near future, by strengthening adequate institutional arrangements.

## Risks



## Systematic Operations Risk-rating Tool

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

## Results

### Global Environmental Objective Indicators

#### ► Direct project beneficiaries(Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	4,985.00	8,729.00	18,000.00
Date	30-Sep-2014	10-Oct-2016	04-May-2017	28-Jun-2019

#### Comments

**There have been 8729 direct beneficiaries from the project activities to date. It is estimated that the year 3 target of 10,000 beneficiaries will be reached at the end of the 3rd year (June 30, 2017), the number of beneficiaries mainly presents people benefiting from carrying out an activity within the framework of a community micro projects related to (i) Sustainable land and water management practices; (ii) Diversification activities; (iii) Technical training and assistance programs; (iv) Beneficiaries of workshops to assist local governance in the six pilot oases; (v) Learning and demonstration of new technologies; (vi) Participation in an activity within the framework of a micro-project:**

**The percentage of women participating is lower than the target value. The action plans prepared for the year 2017 will mobilize a special effort to involve a greater number of oasis women in project activities.**



▲ Female beneficiaries(Percentage, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	30.00	30.00	51.00

► Land area under sustainable landscape management practices(Hectare(Ha), Corporate)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	252.00	588.00	700.00
Date	30-Sep-2014	10-Oct-2016	04-May-2017	28-Jun-2019

Comments

**The areas under SLM practices are about 588 ha. These areas represent areas subject to cleaning and development work in the six pilot oases, rehabilitation and preservation of oasis biodiversity in Chebika, Tamerza Mides and El Guettar, improvement of irrigation systems in Noueil and El Guettar, and areas under integrated pest management measures for date palm and fruit trees in the oasis of Chebika and Tamerza.**

► Land users adopting sustainable land mgt. practices as a result of the project(Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,243.00	1,669.00	3,000.00
Date	30-Sep-2014	10-Oct-2016	04-May-2017	28-Jun-2019



► Number of local species that have been reintroduced in selected oasis(Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	18.00	25.00	20.00
Date	30-Sep-2014	10-Oct-2016	04-May-2017	28-Jun-2019

Comments

**As the current value has exceeded the expected value at the end of the project, this indicator will be reviewed during the MTR and the end target possibly increased to reflect the reality on ground.**

► Households adopting diversified activities as a result of the project(Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	11.00	20.00	30.00
Date	30-Sep-2014	26-Aug-2016	04-May-2017	28-Jul-2019

Overall Comments

**Intermediate Results Indicators**

► Validation of the national strategy for sustainable development of Tunisian Oases by the Project Steering Committee (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	Y	Y	Y
Date	30-Sep-2014	10-Oct-2016	04-May-2017	28-Jun-2019

Comments

This strategy has been used by the Ministry of Cooperation to develop the Tunisian south region's development plan



► Participants in consultation activities during project implementation (number) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2,450.00	3,298.00	3,000.00
Date	30-Sep-2014	10-Oct-2016	04-May-2017	28-Jun-2019

Comments

**Currently, total number of people consulted during project implementation is 3,298 including about 859 women (26%). This increase in women participation is due to the PIU actively requesting and ensuring women participation in targeted oasis. This effort will be reinforced during the remaining project period in other oases.**

**As the current value has exceeded the end project value, during the MTR, this indicator will be revised. Two options are envisaged:**

- 1. Better capture the quality of the participation of the people (as currently it is based on number of people who participate by their simple act of presence); or**
- 2. Increase the end target value to reflect the reality on ground.**

▲ Participants in consultation activities during project implementation - female (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	27.00	26.00	20.00
Date	30-Sep-2014	10-Oct-2016	04-May-2017	28-Jun-2019

► Tunisian Oases with monographic profiles prepared (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	68.00	100.00	100.00
Date	30-Sep-2014	10-Oct-2016	04-May-2017	28-Jun-2019

Comments

**The monographic profile of the 126 traditional oases (7 oases in the Gafsa region, 49 oases in the Gabes region, 29 oases in the Tozeur region and 41 oases in the Kebili region) have been completed.**

**It is important to underline that during the project preparation; 210 oases were estimated as traditional oases. Following analytical work carried out by the project and several workshops with experts and key stakeholders, the new statistics indicates that Tunisia has 126 traditional oases (some were grouped under groups of oases)**



► Technologies demonstrated in the project areas (number) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	10.00	18.00	20.00
Date	30-Sep-2014	10-Oct-2016	04-May-2017	28-Jun-2019

Comments

**18 technologies were demonstrated to date throughout the project activities:**

**1- Mechanized weeding, 2- Electrification of wells, 3- Mechanical climbing of palm trees, 4- Biological control of dates by trichograms, 5- Biological control of Viracholalivia (grenadier) by insect, 6- Fighting the fruit fly by attract and kill technic, 7- Control of Viracholalivia (grenadier) by bio-insecticide, 8- Physical control of date moths via mosquito nets, 9- Mechanized cleaning, 10- Mechanized Pollination, 11- fruit trees pruning, 12- Technique of mass trapping of the fruit fly, 13- Localized irrigation technique, 14- Use of organic fertilizers, 15- Artisanal valorization of palm wood, 16- Valorization of organic waste in animal feed, 17- Valorization of organic waste in compost, and 18- Valorization of by-products of dates.**

► Farmers adopting improved agricultural technology (Number, Corporate)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	130.00	181.00	200.00
Date	30-Sep-2014	10-Oct-2016	04-May-2017	28-Jun-2019

Comments

**This includes farmers who have adopted biological control techniques for date palm and fruit trees in oases El Guettar, Midès, Tamerza and Zarat, mechanized cleaning and weeding in their own parcels, also those who adopted the electrification of wells in Tamerza and installation of located irrigation system in Noueil.**

**43 women beneficiaries out of a total of 181 adopted these technologies. This low rate is explained by the low involvement of women in the activities related to agriculture. The action plans prepared for the year 2017 will mobilize a special effort to involve a greater number of women in project activities.**



▲ Clients who adopted an improved agr. technology promoted by project – female (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	18.00	24.00	100.00
Date	30-Sep-2014	10-Oct-2016	04-May-2017	28-Jun-2019

► Biodiversity tracking tool completed (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	6.00	6.00	12.00	18.00
Date	30-Sep-2014	10-Oct-2016	04-May-2017	28-Jun-2019

Comments

12 biodiversity tracking tools were completed to date for the six pilot oases.

► Land degradation tracking tool completed (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	6.00	6.00	12.00	18.00
Date	30-Sep-2014	10-Oct-2016	04-May-2017	28-Jun-2019

Comments

12 land degradation tracking tools were completed to date for the six pilot oases.





► Cultivars that are produced, multiplied and distributed (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3.00	3.00	10.00
Date	30-Sep-2014	10-Oct-2016	04-May-2017	28-Jun-2019


Comments

**The value recorded for the cultivars that were produced and distributed to date exceeds the target value. 21 cultivars of fruit trees have been distributed to farmers as part of biodiversity improvement: - 3 varieties of citrus fruit - 3 varieties of apricot - 2 varieties of fig tree - 3 varieties of grenadier - 3 Olive varieties - 2 varieties of peach - 2 varieties of plum - 1 variety of apple tree - 2 varieties of vines**

Overall Comments

## Data on Financial Performance

### Disbursements (by loan)

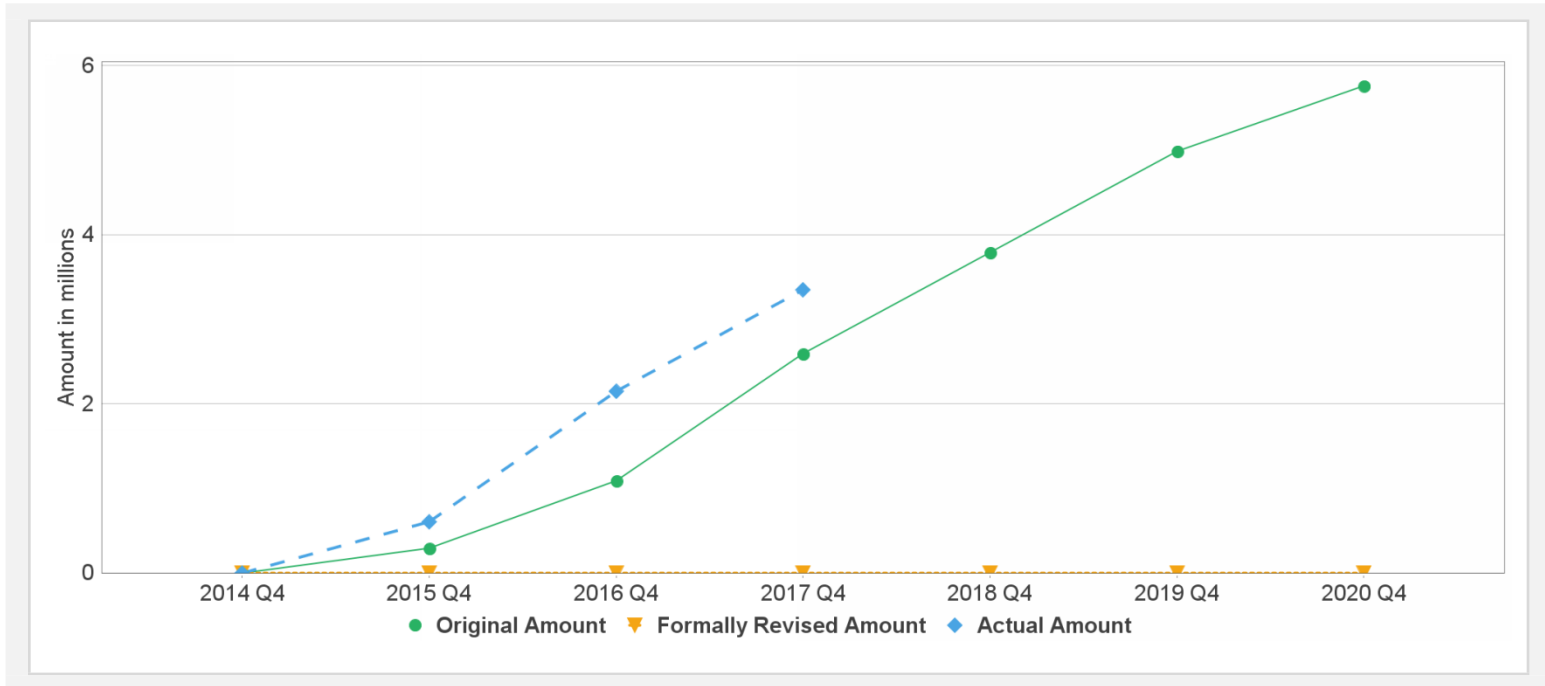
Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P132157	TF-17362	Effective	USD	5.76	5.76	0.00	3.35	2.41	 58%

### Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P132157	TF-17362	Effective	04-Aug-2014	04-Aug-2014	04-Aug-2014	30-Nov-2019	30-Nov-2019



## Cumulative Disbursements



## Restructuring History

There has been no restructuring to date.

## Related Project(s)

There are no related projects.