



Yemen Desert Locust Response Project (P174170)

MIDDLE EAST AND NORTH AFRICA | Yemen, Republic of | Agriculture and Food Global Practice | IBRD/IDA | Investment Project Financing | FY 2020 | Seq No: 6 | ARCHIVED on 13-Sep-2023 | ISR57513 |

Implementing Agencies: Food and Agriculture Organization (FAO), Food and Agriculture Organization (FAO)

Key Dates

Key Project Dates

Bank Approval Date: 17-Jun-2020

Effectiveness Date: 14-Jul-2020

Planned Mid Term Review Date: 28-Dec-2022

Actual Mid-Term Review Date: 28-Dec-2022

Original Closing Date: 29-Dec-2023

Revised Closing Date: 29-Dec-2023

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Project Development Objectives are to control the desert locust outbreak, support livelihoods in locust-affected areas and strengthen Yemen's preparedness for future locust infestations.

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

No

Components Table

Name

Surveillance and Control Measures:(Cost \$10.10 M)

Livelihood Protection and Rehabilitation:(Cost \$4.75 M)

Coordination and Early Warning Preparedness:(Cost \$5.60 M)

Project Management and Knowledge Management:(Cost \$4.54 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<input type="checkbox"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Unsatisfactory
Overall Implementation Progress (IP)	<input type="checkbox"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Unsatisfactory
Overall Risk Rating	<input type="checkbox"/> High	<input type="checkbox"/> High

Implementation Status and Key Decisions

This is an interim ISR, which will be updated (including the Results Framework), after the World Bank's supervision mission in end of September, 2023. The project has supported monitoring and surveillance of desert locust risks on a total area of 2,159,684 hectares. This included 4,432 sites, covering the winter and summer breeding areas in 11 governorates and 69 districts. Desert locusts were present at 231 sites. Ten survey teams executed surveys mobilized monthly using twenty rented vehicles and specialized monitoring tools. The locust situation was calm throughout the period, and some reports of infestations are being currently investigated. The project supported capacity building for desert locust control, including vehicles, equipment and training, which would enable to address control activities for identified outbreak sites. Livelihood support activities are currently underway in Hajjah, Shabwa, Al-Jewf and Abyan. Construction of Desert Locust Control Centers is also underway in Sanaa, Hodeida, Aden, Hadramout, and Shabwa.



Risks

Systematic Operations Risk-rating Tool

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

Results

PDO Indicators by Objectives / Outcomes

Control of desert locust outbreak implemented				
► Share of affected pasture/rangeland restored to productivity (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	90.00
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023
Comments:	<p>The indicator will measure the share of the land area that had sustained significant vegetative loss but had recovered that vegetation sufficiently to maintain a typical livestock population. It would track the cycle of vegetation loss and regeneration after project intervention.</p> <p>It was agreed that these indicators will be removed from the Results Framework, given the difficulty of measuring it. The areas that have been affected by desert locusts have been very small (422 ha) and have been treated fully, i.e., restored to productivity. At the outset, these indicators were proposed to track the effectiveness of control measures under the project, assuming that the project had to deal with large areas affected by desert locusts. During the last two seasons (summer 2021 and winter 2021/2022), the significant locust infestations have been very low and hence very small areas for treatment. However, the overall control and surveillance activities have been carried out on a massive scale – already covering an area that exceeds project targets by more than 2.5 times. Therefore, focusing PDO-level assessment on only a small area of control and treatment measures would not do justice to the</p>			



project and would not demonstrate the comprehensive work through large-scale surveillance that is being carried out (even though the reporting is done as a share).

► Share of the affected agricultural land area restored to productivity (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	90.00
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023

Comments: This would track the share of the land where crops had been lost due to locust infestation but were replanted in the wake of the locust damage.
It was agreed that these indicators will be removed from the Results Framework, given the difficulty of measuring it. The areas that have been affected by desert locusts have been very small (422 ha) and have been treated fully, i.e., restored to productivity. At the outset, these indicators were proposed to track the effectiveness of control measures under the project, assuming that the project had to deal with large areas affected by desert locusts. During the last two seasons (summer 2021 and winter 2021/2022), the significant locust infestations have been very low and hence tiny areas for treatment. However, the overall control and surveillance activities have been carried out on a massive scale – already covering an area that exceeds project targets by more than 2.5 times. Therefore, focusing PDO-level assessment on only a small area of control and treatment measures would not do justice to the project and would not demonstrate the comprehensive work through large-scale surveillance that is being carried out (even though the reporting is done as a share).

Livelihoods in locust affected areas supported

► Affected households supported by social safety nets (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,500.00
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023

Comments: The social-safety-net support and agricultural input provision activities are currently underway. The indicator update will be available once the final lists of beneficiaries are selected and support activities concluded.

Females as the direct recipients of social safety benefits (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,200.00
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023

► Share of locust-affected farmers (incl. livestock owners/ beekeepers) reporting renewed agricultural activity (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	80.00
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023



Comments:	Share of locust-affected farmers (including crop farmers, livestock owners and beekeepers) who have restarted (and reporting) agricultural activity within one year of having been affected by the locust. Given the limited locust activity in the project areas during the project period, data has not been collected on this indicators. However, agricultural input packages will be distributed to farmers affected in previous years, and additional survey information will be collected to understand the share of farmers that restarted agricultural production.			
<input type="checkbox"/> Share of locust-affected female farmers reporting renewed agricultural activity (Percentage, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	80.00
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023

Country's preparedness against future locust outbreaks strengthened				
▶ National locust control plan developed (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023
Comments:	The national locust development plan was designed on October 2022. The plan will be discussed and agreed upon with DLCC in MoA in the North and MoIF in the South. A final report on the agreed plan will be shared with MoA and WB.			
▶ Early warning system developed and functioning (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023
Comments:	An early warning system was developed and functioning in the DLCCs on January 2022. TPM Report Q2 (April-June, 2022) indicated that the Early warning system was assessed and confirmed its functionality by 85%. The TPM report, Q5 (Jan-Marche, 2023), will re-assess the functionality of the Early Warning System.			

Overall Comments

All project results indicators will be updated after the mission in September 2023.

Intermediate Results Indicators by Components

Surveillance and Control Measures



► Land area sprayed for locust control (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	422.00	422.00	200,000.00
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023
Comments:	Treated areas constitute 422 ha out of 2,159,684 surveyed (7,481 sites) due to a lack of locust activity during the 2020/2021 season.			
► Area of locust-affected land surveyed (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2,159,684.00	2,159,684.00	400,000.00
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023
Comments:	Area of locust-affected land surveyed (annually)			
► Locust monitoring system operational (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023
Comments:	Assessment of whether country-level locust monitoring systems are operational.			
► Pesticide inventory stored in accordance with appropriate international safety standards (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023
Comments:	Pesticides were appropriately arranged in two (Lahj and Aden) out of four stores. Inventory in the Sana'a store will be assessed by the end of March 2023. Hadramout store inventory was assessed, and the project is waiting for the stores' rehabilitation plan to be shared from MoA (a new standard store will be established with the sub – DLCC in Hadramout).			

Livelihood Protection and Rehabilitation				
► Affected farmers receiving input packets (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2,000.00



Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023
Comments:	The social-safety-net support and agricultural input provision activities are currently underway. The indicator update will be available once the final lists of beneficiaries are selected and support activities concluded.			
<input type="checkbox"/> Affected female farmers receiving input packets (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	200.00
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023
<input type="checkbox"/> Affected livestock holding households receiving emergency fodder (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3,000.00
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023
Comments:	The social-safety-net support and agricultural input provision activities are currently underway. The indicator update will be available once the final lists of beneficiaries are selected and support activities concluded.			
<input type="checkbox"/> Female-headed affected livestock holding households receiving emergency fodder (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,000.00
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023
<input type="checkbox"/> Affected livestock holding households receiving replacement livestock (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	600.00
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023
Comments:	The social-safety-net support and agricultural input provision activities are currently underway. The indicator update will be available once the final lists of beneficiaries are selected and support activities concluded.			
<input type="checkbox"/> Female-headed affected households receiving replacement livestock (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	250.00
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023



▶ Person work-days generated by emergency cash-for-work schemes (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	198,000.00
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023
Comments:	The social-safety-net support and agricultural input provision activities are currently underway. The indicator update will be available once the final lists of beneficiaries are selected and support activities concluded.			
□ Person work-days generated by emergency cash-for-work schemes benefiting women (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	158,400.00
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023
▶ Beneficiary satisfaction with the training received (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	85.00
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023
Comments:	Level of satisfaction of the beneficiaries with the training received under the project. The latest TPM report records overall high level of beneficiary satisfaction of beneficiaries, based on beneficiary interviews and evidence from workshops and trainings. However, a formal survey has not been conducted yet that would measure the level of satisfaction.			
▶ Farmer and livestock owner levels of satisfaction related to the engagement process. (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	85.00
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023
Comments:	The indicator will measure the farmer and livestock owner's levels of satisfaction related to the engagement process (livelihood restoration and training). The feedback will be collected either directly with both groups or through any representative association voted by farmers discussing the restoration process. The latest TPM report records overall high level of beneficiary satisfaction of beneficiaries, based on beneficiary interviews and evidence from workshops and trainings. However, a formal survey has not been conducted yet that would measure the level of satisfaction.			
Coordination and Early Warning Preparedness				
▶ National locust outbreak emergency risk communication plan tested (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	No	No	No	Yes
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023
Comments:	The national locust development plan was designed on October 2022. The plan will be discussed and agreed upon with DLCC in MoA in the North and MoAIF in the South. A final report on the agreed plan will be shared with MoA and WB.			
► DLCCs fully operational (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2.00	2.00	5.00
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023
Comments:	An early warning system was developed and functioning in the DLCCs on January 2022. TPM Report Q2 (April-June, 2022) indicated that the Early warning system was assessed and confirmed its functionality by 85%. The TPM report, Q5 (Jan-March, 2023), will re-assess the functionality of the Early Warning System.			

Project Management and Knowledge Management				
► Awareness raising communications campaigns conducted (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023
Comments:	By November 2022, the camping reached 65% of its targeted beneficiaries.			
► Community members reached through awareness campaigns (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	48,270.00	48,270.00	75,000.00
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023
Comments:	Number of community members reached with awareness raising campaigns on locust monitoring, safety aspects, COVID-19 and other subjects of awareness raising activities.			
□ Number of women reached through awareness raising campaigns (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	24,557.00	24,557.00	37,000.00
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023
► Grievances registered and addressed in a timely manner (Percentage, Custom)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	100.00	100.00
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023
Comments:	Eight complaints were submitted and resolved as of Nov 2022.			
► Level of satisfaction related to the community engagement process on the public awareness campaign. (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	89.00	89.00	80.00
Date	29-May-2020	06-Dec-2022	06-Dec-2022	29-Dec-2023
Comments:	Updated from the 2nd (April-June, 2022) and the 3rd (July - Sep 2022) quarterly monitoring reports of the TPMA. The following TPM report (Q5: Jan-March, 2023) will re-assess this indicator again.			

Performance-Based Conditions

Data on Financial Performance

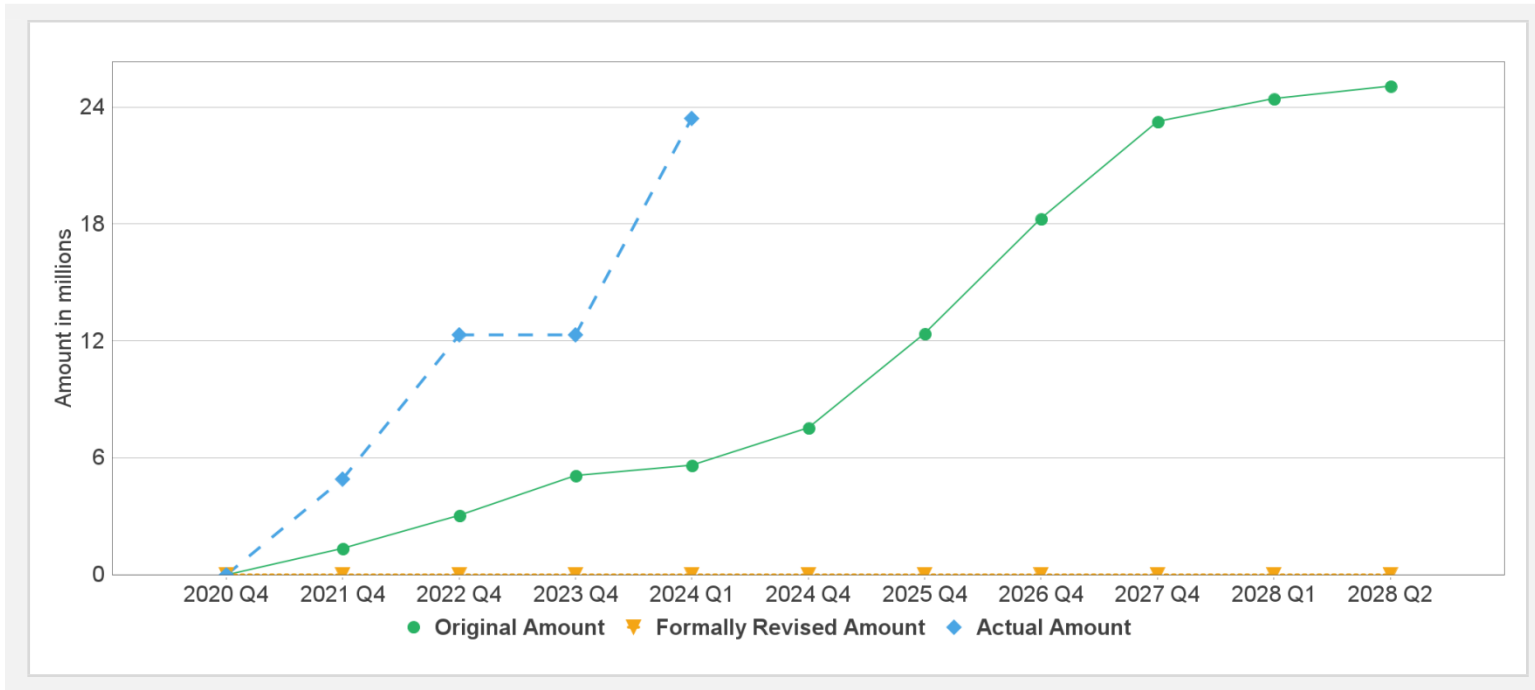
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P174170	IDA-D6710	Effective	USD	25.00	25.00	0.00	23.42	1.56	94%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P174170	IDA-D6710	Effective	17-Jun-2020	14-Jul-2020	14-Jul-2020	29-Dec-2023	29-Dec-2023

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.