



Reduction of Unintentional POPs through Waste Management in a Circular Economy (P172770)

MIDDLE EAST AND NORTH AFRICA | Lebanon | Environment, Natural Resources & the Blue Economy Global Practice | Global Environment Project | Investment Project Financing | FY 2023 | Seq No: 3 | ARCHIVED on 22-Dec-2023 | ISR59133 |

Implementing Agencies: Ministry of Environment, Ministry of Finance

Key Dates**Key Project Dates**

Bank Approval Date: 07-Oct-2022

Effectiveness Date: 14-Feb-2023

Planned Mid Term Review Date: 01-Oct-2025

Actual Mid-Term Review Date:

Original Closing Date: 31-Dec-2026

Revised Closing Date: 31-Dec-2026

Project Development Objective (PDO)

Project Development Objective (from Project Appraisal Document)

The project development objective is to reduce UPOPs emissions and improve solid waste management in selected serviced zones.

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

No

Components Table

Name

Strengthen Regulatory Framework and Capacities for Sustainable Waste Management in the Circular Economy:(Cost \$1.94 M)

Demonstrations on 3R Practices and BATs/BEPs at Open Dumpsite in Selected Geographic Areas:(Cost \$6.00 M)

Project Monitoring and Evaluation:(Cost \$0.50 M)

Project Management:(Cost \$0.42 M)

Overall Ratings

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

Implementation Status and Key Decisions

The Ministry of Environment (MoE) has initiated technical preparations, in collaboration with UNOPs, of ToRs for key project activities to expedite implementation once the Designated Account of the project is established. MoE is coordinating with the Union of Municipality of Wasat El Qayteh, the Union of Municipality of Iqlim Touffah and the EU to define concrete interventions and complementarities with on-going EU activities.

The MoE has organized and chaired the First Project Steering Committee (PSC) on August 8, 2023. The next PSC is expected in late January or early February 2024. A World Bank mission will be scheduled upon the recruitment of the PMU staff and key staff under the UNOPS agreement in order to ensure involvement of the project team in the kick-off workshop (which is planned to take place in February 2024).



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	Substantial	Substantial	Substantial
Fiduciary	Substantial	Substantial	Substantial
Environment and Social	Substantial	Substantial	Substantial
Stakeholders	Moderate	Moderate	Moderate
Other	Substantial	Substantial	Substantial
Overall	Substantial	Substantial	Substantial

Results

PDO Indicators by Objectives / Outcomes

DO 1: Reducing UPOPs Emissions				
► UPOPs emissions reduced in selected waste serviced zones (g TEQ) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	20.00
Date	30-Sep-2022	15-Dec-2022	15-Dec-2022	31-Dec-2026
Comments:	Estimated reduction of UPOPs based on the comparison with the baseline, adopted recognized estimation procedures			
► People benefitting from reduced UPOPs emissions (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	150,000.00
Date	30-Sep-2022	15-Dec-2022	15-Dec-2022	31-Dec-2026
Comments:	People who at varying frequencies are exposed to impacts of waste burning in selected zones under the Project.			
► National product standards adopted for priority waste streams to promote 3R concepts (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	5.00



Date	30-Sep-2022	15-Dec-2022	15-Dec-2022	31-Dec-2026
Comments:	Achievement of this indicator is measured on the issuance of national product standards to minimize the use and improve recycling after use of materials that significantly contribute to UPOPs emissions at the waste stage of these products.			
DO2: Improving Solid Waste Management Services				
► Increase in recycling and composting of municipal solid waste in 2 selected serviced zones (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	30.00
Date	30-Jun-2022	15-Dec-2022	15-Dec-2022	31-Mar-2027
Comments:	Implementation of activities to improve MSW segregation, collection, transportation, recycling and composting in those service areas, aimed at reduction of waste disposal volumes and thus releases of UPOPs emissions.			
► People provided with access to improved solid waste management services (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	470,000.00
Date	30-Sep-2022	15-Dec-2022	15-Dec-2022	31-Dec-2026
Comments:	This indicator measures the cumulative number of people who benefited from improved waste management services from facilities that have been upgraded with project support in the selected waste serviced zones.			
► Women provided with access to improved waste management services (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	235,000.00
Date	30-Sep-2022	15-Dec-2022	15-Dec-2022	31-Dec-2026
Comments:	This indicator measures the cumulative number of women who benefited from improved waste management services from facilities that have been upgraded with project support in the selected waste serviced zones.			

Intermediate Results Indicators by Components

Strengthen Regulatory Framework and Capacities for SWM in the Circular Economy				
► Local master plans adopted for waste management serviced zones covered by the project (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	4.00
Date	01-Sep-2022	15-Dec-2022	15-Dec-2022	30-Sep-2026
Comments:	Number of waste serviced zones that have prepared and adopted the integrated solid waste management plan prepared with project support. Adoption includes administrative decision by local authority to implement the plan and first evidence of implementation.			
► Action plan for closing open dumps is integrated in the national ISWM strategy of Lebanon (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes



Date	30-Jun-2022	15-Dec-2022	15-Dec-2022	31-Mar-2027
Comments:	Achievement of the indicator is measured based on the integration of the action plan for closing open dumpsites in the national ISWM strategy			
► UPOPs samples analyzed in laboratories in Lebanon (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	500.00
Date	30-Sep-2022	15-Dec-2022	15-Dec-2022	30-Sep-2026
Comments:	Development and application of sampling and testing capacity in Lebanon for UPOPs contents of priority materials (waste, sludges, soil).			
Demonstrations on 3R Practices and BATs/BEPs at Open Dumpsites in Selected Geographic Areas				
► Waste serviced zones with 3R practices successfully piloted and ready for scale-up (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2.00
Date	30-Sep-2022	15-Dec-2022	15-Dec-2022	31-Dec-2026
Comments:	Waste serviced zones where the waste management master plans prepared under the project have been implemented or are under implementation.			
► Open dumpsites safely managed in line with defined control measures (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	5.00
Date	30-Jun-2022	15-Dec-2022	15-Dec-2022	30-Sep-2026
Comments:	Performance of activities supported by the project for the safe management of solid waste at selected dumpsites. Measures can include site access control, operational management, waste containment measures, leachate and landfill gas management and disposal cell closure procedures in line with national and international good practice standards.			
► Net greenhouse gas (GHG) emissions (Metric tons/year, Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	136,000.00
Date	30-Jun-2022	15-Dec-2022	15-Dec-2022	30-Sep-2026
Comments:	Project net greenhouse gas (GHG) emissions are calculated as an annual average of the difference between project gross (absolute) emissions aggregated over the economic lifetime of the project and the emissions of a baseline (counterfactual) scenario aggregated over the same time horizon. They are reported in metric tons of carbon dioxide equivalent per year.			
► Female neighborhood community leaders engaged in the 3R practices and circular economy activities (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	75.00
Date	30-Sep-2022	15-Dec-2022	15-Dec-2022	31-Dec-2026
Comments:	Community meetings / consultations that include female neighborhood community leaders (percentage)			
► Female feedback from community engagement successfully integrated in project activities (Percentage, Custom)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	50.00
Date	30-Jun-2022	15-Dec-2022	15-Dec-2022	30-Sep-2026
Comments:	Evidence of female engagement and feedback incorporated in the design and/or implementation of project activities related to waste segregation and recycling activities based on recording of community engagements and implementation of project activities.			

Performance-Based Conditions

Data on Financial Performance

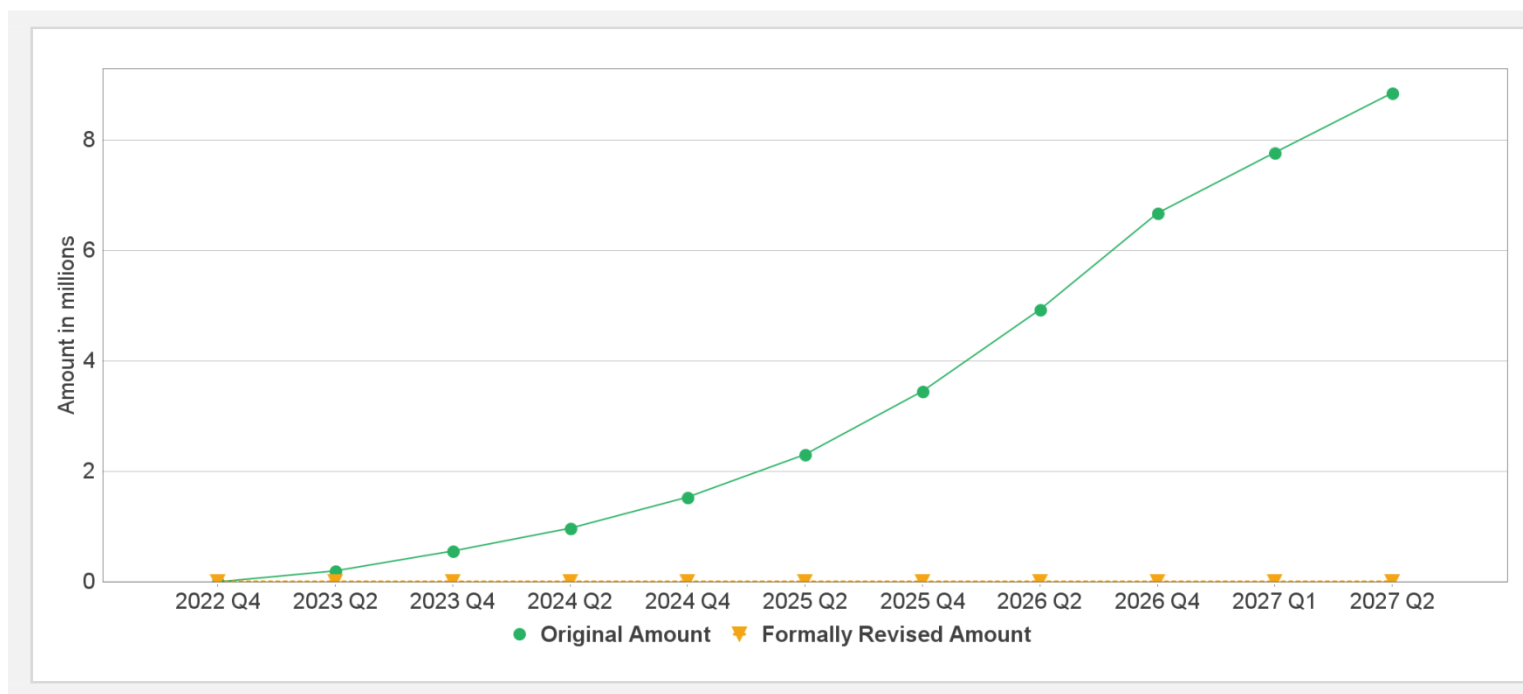
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P172770	TF-B9180	Effective	USD	8.86	8.86	0.00	0.00	8.86	0%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P172770	TF-B9180	Effective	07-Oct-2022	20-Dec-2022	14-Feb-2023	31-Dec-2026	31-Dec-2026

Cumulative Disbursements





Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.
