



## LB: PCB Management in the Power Sector Project (P122540)

MIDDLE EAST AND NORTH AFRICA | Lebanon | Environment & Natural Resources Global Practice |  
Global Environment Project | Investment Project Financing | FY 2015 | Seq No: 3 | ARCHIVED on 11-Nov-2015 | ISR21186 |

Implementing Agencies: Ministry of Environmenta

## Key Dates

### Key Project Dates

Bank Approval Date:21-Nov-2014

Effectiveness Date:30-Mar-2015

Planned Mid Term Review Date:15-Feb-2018

Actual Mid-Term Review Date:--

Original Closing Date:30-Jun-2020

Revised Closing Date:30-Jun-2020

## Global Environmental Objectives

Global Environmental Objective (from Project Appraisal Document)

The objective of the Project is to dispose of high risk PCBs and improve the inventory management of transformers in the power sector in an environmentally sound manner.

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

No

## Components

Name

Component 1: Inventory of PCB contaminated transformers:(Cost \$0.79 M)

Component 2: Disposal of high content PCB equipment and contaminated oil:(Cost \$1.10 M)

Component 3: Capacity building and project management:(Cost \$0.65 M)

## Overall Ratings

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

## Implementation Status and Key Decisions



The project launch event was conducted on September 1, 2015 organized by the PMU with support provided by MoE. Overall good progress has been made:

Component 1: Inventory of PCB contaminated transformers, the scope of work has been prepared and the bidding documents are being finalized. The scope specifically targets PCB contaminated mineral oil transformers in EDL's distribution system with training and development of a long term phase-out and action plan to address this issue in compliance with the country's Stockholm Convention obligations to eliminate PCB from Lebanon by 2025. It will also attempt to identify both PCB based and PCB contaminated equipment by other owners in the country. The PMU has already collected some information and will continue the efforts so that these can be included in the first disposal contract.

Component 2: Preparation of bidding documents for the first disposal of out-of-service high content PCB equipment is nearly completed and the procurement process will be launched subsequently.

Component 3: The PMU and the Bank task team discussed a number of near term initiatives related to the technical assistance component of the project within Component 3. In the immediate future, the PMU wants to initiate a targeted training and awareness program for PMU, MoE, EDL and potential national service providers related to practical PCB management activities including the nature of the PCBs, PCB equipment identification and inventory practice, field screening, and practical management options. In parallel with this, the PMU plans to engage an international technical expert that would support the PMU throughout the project as well as a supporting national technical expert in the PMU who would increasingly assume the primary technical support role over time. Finally, the PMU has proposed that early in 2016, the project hosts a regional workshop on PCB management that would engage a number of the countries in the region with completed or active PCB projects (i.e. Jordan, Egypt, Turkey, Tunisia etc.) to better understand their experiences.

## Risks

### Systematic Operations Risk-rating Tool

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

## Results

### Global Environmental Objective Indicators



► Direct project beneficiaries(Number, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	205500.00
Date	26-Jun-2014	25-Aug-2015	20-Oct-2015	01-Jan-2020

▲ Female beneficiaries(Percentage, Core Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	50.00

► POPs&pops waste destroyed,disposed or contained in environmentally sound manner(Metric ton, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	300.00
Date	01-Jan-2015	25-Aug-2015	20-Oct-2015	01-Jan-2020

► EDL transformers recordered in the inventory(Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	21000.00
Date	01-Jan-2015	25-Aug-2015	20-Oct-2015	01-Jan-2020

Overall Comments

**Intermediate Results Indicators**



▶ Contract for Inventory signed (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	1.00
Date	01-Jan-2015	--	20-Oct-2015	01-Jan-2016

▶ Contract for First Shipment and Disposal of PCB signed (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1.00
Date	01-Jan-2015	25-Aug-2015	20-Oct-2015	01-Jun-2016

▶ Client days of training provided (number) (Number, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	40.00
Date	01-Jan-2015	--	20-Oct-2015	01-Jan-2020

▲ Client days of training provided - Female (number) (Number, Core Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	8.00
Date	01-Jan-2015	--	20-Oct-2015	01-Jan-2020

Overall Comments

## Data on Financial Performance

### Disbursements (by loan)

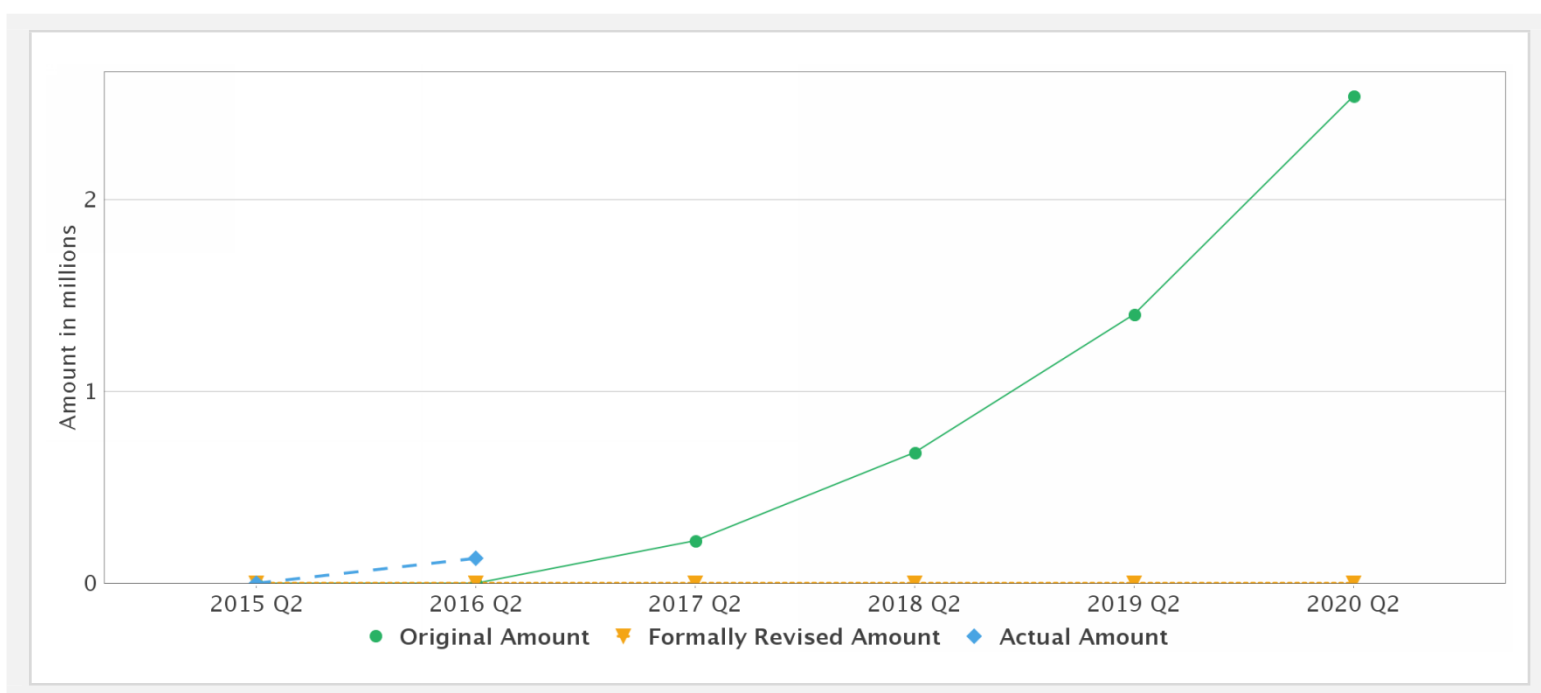


Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P122540	TF-18030	Effective	USD	2.54	2.54	0.00	0.13	2.41	5%

### Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P122540	TF-18030	Effective	21-Nov-2014	16-Feb-2015	30-Mar-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.