



## 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: 4 | ARCHIVED on 14-Apr-2016 | ISR22707 |

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  | ● Moderately Satisfactory |
| Overall Risk Rating                  | ● Substantial   | ● Substantial             |

## Implementation Status and Key Decisions



Overall some good progress has been made. On capacity building, following the discussion during the previous mission, the PMU recruited an international technical expert who will support the PMU throughout the project providing technical inputs and providing capacity building. Accordingly, the PMU organized a targeted training program for the 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. The training was attended by 60 people representing the PMU, EDL, MoE, Service Providers, Concessions, and Academic Institutions and Research Centers. Personal Protective Equipment (PPE) and testing tool kits have been purchased for the PMU and EDL staff. Demonstration of the use of test kits was conducted by the international technical expert at the Bauchrieh workshop as part of the training.

## 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      | ● Substantial  |
| Environment and Social                                       | --                 | ● Substantial   | ● Substantial  |
| Stakeholders   | --                 | ● Moderate      | ● Moderate     |
| Other  | --                 | --              | ● Substantial  |
| 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              | 60.00            | 205500.00   |
| Date  | 26-Jun-2014 | 20-Oct-2015       | 22-Mar-2016      | 01-Jan-2020 |

Comments

Technical training on sound management of PCB was conducted for 60 people representing PMU, EDL, MoE, Service Providers, Concessions, and Academic Institutions and Research Centers.

▲ 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 | 20-Oct-2015       | 22-Mar-2016      | 01-Jan-2020 |

Comments

First disposal contract for about 60t of PCB contaminated equipment is about to be signed.



▶ EDL transformers recorded 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 | 20-Oct-2015       | 22-Mar-2016      | 01-Jan-2020 |

Comments

Tender document is ready to be advertised.

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 | --                | 22-Mar-2016      | 01-Jan-2016 |

Comments

Tender document ready to be advertised.

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

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | --                | 0.00             | 1.00        |
| Date  | 01-Jan-2015 | --                | 22-Mar-2016      | 01-Jun-2016 |

Comments

No objection has been provided for the draft contract. Signing is expected by the end of March 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 |

## Comments


3-day technical training conducted.

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

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

## Overall Comments

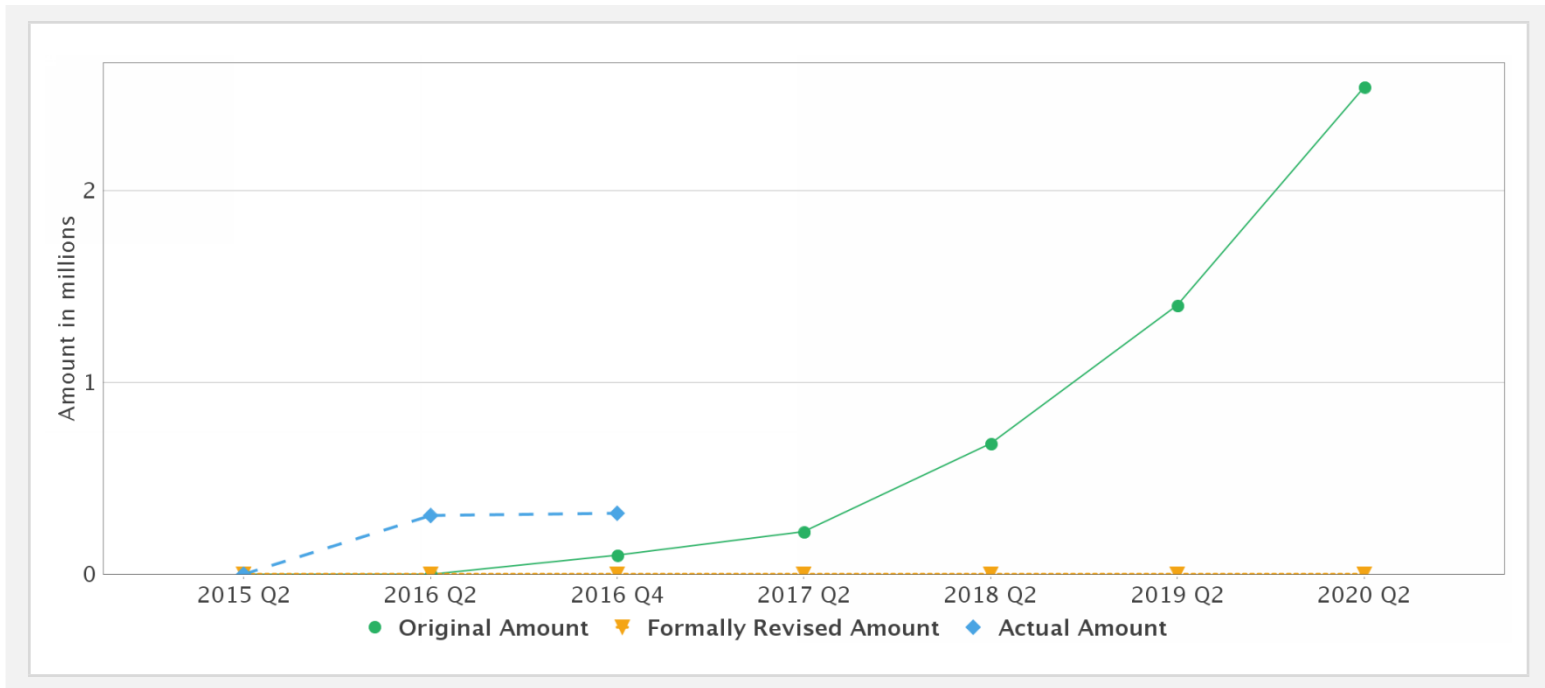
**Data on Financial Performance****Disbursements (by loan)**

| Project | Loan/Credit/TF | Status    | Currency | Original | Revised | Cancelled | Disbursed | Undisbursed | Disbursed   |
|---------|----------------|-----------|----------|----------|---------|-----------|-----------|-------------|---|
| P122540 | TF-18030       | Effective | USD      | 2.54     | 2.54    | 0.00      | 0.32      | 2.22        |  12% |

**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.