

# Agenda

- I. Introduction to the Activity Info Database for the Energy Sector and reporting requirements (UNDP IM)
- II. Guidelines to RE and EE projects (UNDP/CEDRO)
- III. Guidelines to Coordination and Procedure of work in the Energy Sector (MoEW)



**LEBANESE REPUBLIC  
MINISTRY OF ENERGY  
AND WATER**

# **MoEW Energy Sector Strategy LCRP 2017 – 2020 Guidelines of Coordination with MoEW**

**Energy Sector Coordination Meeting**

**Wednesday 29<sup>th</sup> of March 2017**

**Presented by Mrs. Suzy Hoayek  
MoEW LCRP Coordinator**

# Priority interventions

**One Outcome: Provide improved access to safe, equitable and sustainable Electricity to all**

## **A. Output 1: Generating Power through Renewable Energy**

- a. Solar Water Heaters for Residential Facilities
- b. Solar Off-Grid Lighting around IS and on public municipal streets
- c. Solar Powered Pumping for Public Wells
- d. Solar PV Farms for Electricity Generation

## **B. Output 2: Encouraging Use of Energy Efficient Products**

- a. Indoor LED Lighting and Solar cookers in Households

# Priority interventions

- b. Indoor LED Lighting, Lighting Control and Energy Audits in Public Institutions, like schools and hospitals

## C. Output 3: Reinforcing the Transmission Network

- a. Upgrading or Constructing of 10 HV/MV **Substations** proposed in affected areas

## D. Output 4: Reinforcing the Distribution Network

- a. Rehabilitation of 1500 existing and Renewal of 700 MV/LV **Transformers** with associated Poles and Cables proposed in affected areas



Power Plant



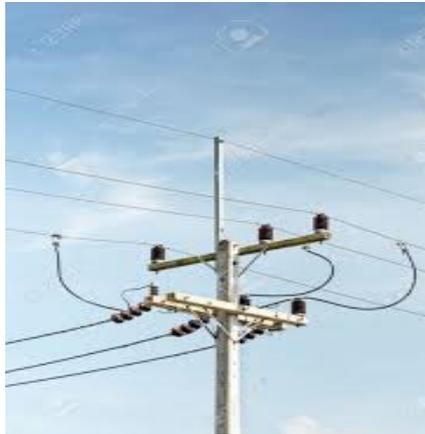
HV Transmission Line



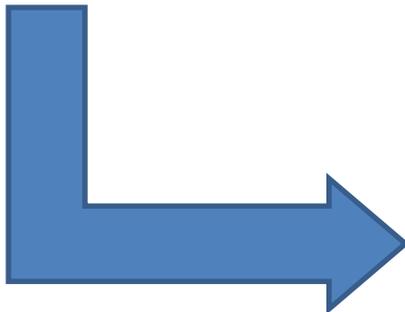
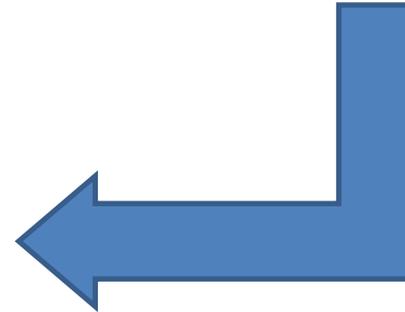
HV/MV Substation



MV/LV Transformer



MV Transmission Line



LV Distribution Line



Consumer

# Procedure

## For Any Project in the Energy Sector:

**Inform** MoEW about available funds and preferred field of work, and **Coordinate** with the advisors on the project formulation depending on **MoEW's priorities**.

## For Projects in Renewable Energy and Energy Efficiency:

1. Coordinate with Minister's Advisors and LCEC on project scope and location.
2. LCEC can provide assistance on the technicalities of the agreed project.
3. Refer to Guidelines on RE and EE.

# Procedure

## For Projects on the Transmission Network:

1. Based on the available **budget, timeframe and priorities**, works on the TN should be agreed with MoEW. Works can vary from providing **mobile HV/MV substations** to **upgrading** existing S/S of EDL to **adding new** ones in affected areas.
2. After agreeing on the project, a **site survey** can be arranged and assessment of the volume of the Works will be done in coordination with MoEW.
3. MoEW Advisors will assist in the preparation of **tender documents**, and will get EdL on board.

# Procedure

Note that the tender documents shall include **Specs and drawings to be approved by EdL**. These will be provided by MoEW.

4. Upon tender evaluation, a representative from MoEW advisors will participate in the evaluation committee.
5. Once the contractor is selected, the **Notice to Proceed** will take place when MoEW representative **hands over** the sites to the contractor. MoEW will **supervise implementation** of the works as per the agreed standards and instructions.
6. MoEW will hand over completed works to EDL which is considered as end user.

# Procedure

## For Projects on the Distribution Network:

1. After agreeing on the project, a **representative** of MoEW will do a **site survey** and needs assessment.
2. MoEW rep will produce an **estimated BoQ** of the required works as assessed during the site visit.

# Procedure

3. The Organization will use this BoQ to finalize their tender documents. Note that the tender documents shall include **Specs and drawings approved by EdL**. These are provided by MoEW.
4. Regarding the list of contractors:
  - a. **If public bid**, MoEW will provide two lists of contractors: approved contractors by MoEW and approved contractors of EdL.
  - b. **If to selected bidders**, MoEW can provide a list of contractors with whom MoEW has previous successful experience.

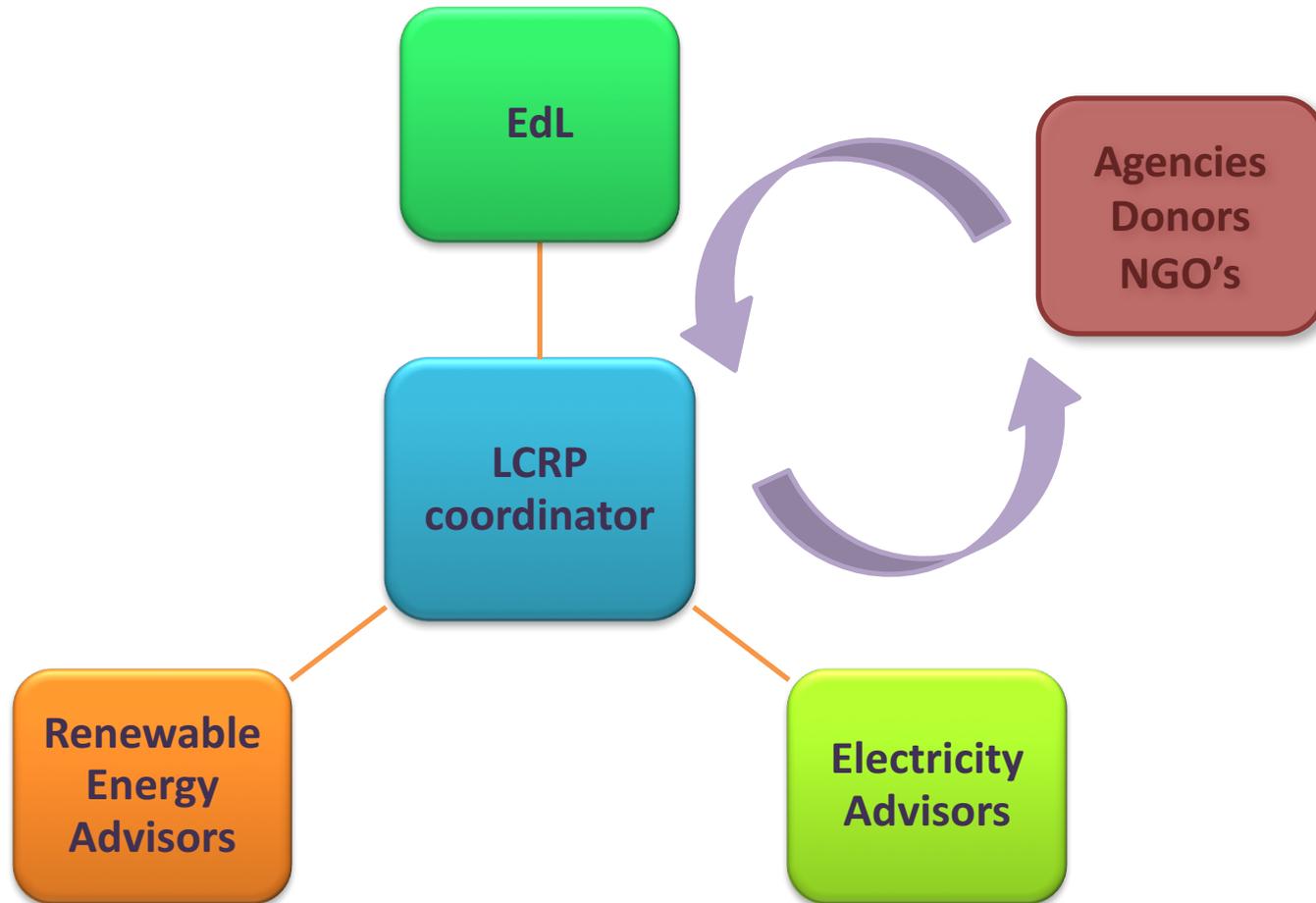
# Procedure

5. Upon tender evaluation, a representative from MoEW will participate in the evaluation committee.
6. Once the contractor signs a contract with the organization, the **Notice to Proceed** will take place. Then MoEW rep **hands over** the sites to the contractor and during handing over both parties will agree on the details of the works to be done at each site.
7. MoEW and EDL will **supervise implementation** of the works as per the agreed standards and instructions.

# Procedure

8. If not present to supervise the works, EdL should be informed of the works being implemented, especially when the works require intervention from DSP's (BUS, KVA and NEUC) to cut on electricity at certain locations. It is up to **EdL to contact the DSP's** whenever needed.
9. Once the works are done on each site, the contractor will **hand over to MoEW.**
10. **MoEW hand over to EdL.** If the works are not up to EdL's standards, EdL will not accept the hand over. EdL hands over the completed works to the corresponding DSP.

# Coordination Mechanism



**Thank You**