

# Installation of Solar PV Systems for Municipalities in the Hashemite Kingdom of Jordan

## THE PROJECT

The project envisages the installation of photovoltaic systems for public use, with an average power of 30Kw peak, in a maximum of 100 Jordanian municipalities identified through a call for proposals. The interventions include street lighting and the electrification of public offices, in order to ensure greater energy independence, the reduction of CO2 emissions and financial savings on public energy procurement costs. The companies called upon to build the plants are chosen on the basis of a public tender.

## BACKGROUND

Jordan has particularly high levels of energy consumption in commercial, public and residential buildings - more than 60% of the total electricity consumed in the state.

**NDC Giordania:** 14% GHG reduction compared to business as usual (BAU) scenario by 2030, plus an additional 12.5% GHG reduction by 2030 based on availability of international financial aid.

**NEEAP:** Jordan Energy Efficiency Action Plan.

**NGGS:** Jordan National Green Growth Strategy.

**Agenda 2030:** Goal 7 - Sustainable energy; Goal 13 - Actions for climate.

## OBJECTIVE

Increase the use of renewable energy, reduce energy costs and polluting emissions.

## PLANNED ACTIVITIES

- Publication of the Call for Proposals open to Jordanian municipalities to access funding for the construction of photovoltaic systems to be applied to public structures. Applications will be selected on the basis of technical criteria defined jointly by MASE and JREEEF.
- Signing of contracts by JREEEF with both selected municipalities and electricity distribution companies.
- International call for tenders for the supply, installation and maintenance of the plants in the selected municipalities
- Training aimed at the technicians in the municipalities who will take care of the maintenance of the systems.
- Monitoring through on-site visits.
- Information and communication activities, (creation of a dedicated web page, launch event, final conference and publication of information material).

## SUBJECTS

### Promoters:

- Ministry of Environment and Energy Security (MASE)
- Jordan Renewable Energy & Energy Efficiency Fund (JREEEF)

### Actuators:

- Jordan Renewable Energy & Energy Efficiency Fund (JREEEF)

**DURATION**

June 2019 - June 2022

**TOTAL COST OF THE INITIATIVE**

**€4,028,700**

**Lender:** MASE € 3,622,100

**Other Lenders:** JREEEF €406,600

**OUTPUT**

- Call for Proposals open to Jordanian municipalities for the installation of photovoltaic systems concluded and proposals selected.
- Maximum 100 photovoltaic systems installed in public facilities in the selected municipalities.