

# ENERGY RENOVATION PROJECT IN JORDAN

Greater Irbid Municipality has a main building that is constructed more than thirty years ago (established in 1992) and is in the center of the Old City. The building consists of seven floors including employee parking. The building includes most of the main departments of the municipality, which is often crowded during working hours (36 hours weekly). Finally, the number of employees in this building is 618 people. The total area of the building is 13520 m<sup>2</sup>. Different departments last to eight hours of work and sometimes exceed 10 hours.

## Building Occupancy:

- Total number of Employs for the building was 813 persons.
- In addition to the above GIM employee, the average monthly visitors between 6000-8000.



“This is where  
the energy  
renovation  
took place in  
Jordan”



**GREATER IRBID MUNICIPALITY,  
JORDAN**

**MANAGED BY GREATER IRBID  
MUNICIPALITY**



# ACTION LIST

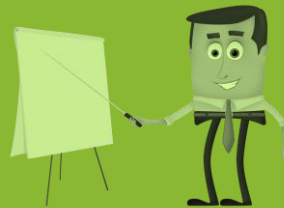
- AC Inverter Units
  - LED Units
  - Installed Solar Heaters
  - Installed Sensors
  - Installed Air Lock for Entrance
  - Installed Shades
  - Installed Solar Panels
  - Energy Management System
- 
- *Maintain Existing Windows & Replacing elevators with LED (Greater Irbid Municipality's contribution from its own budget) in the framework of the overall energy renovation made thanks to ENI CBC Med Programme.*



**THE BUILDING IS  
LESS ENERGY-  
CONSUMING AND  
OF COURSE  
GREENER!**

## The gains in highlights!

- ❖ Power installed in kWp: **120 KWp.**
- ❖ kWh produced per year: **187200 KW/year.**
- ❖ **186268 Tons of CO<sub>2</sub> saved/year.**
- ❖ Savings in €/year : **61538 Euro.**



- ❖ Trained persons: around **230 persons**

## ENERGY MONITORING

