

# Implementation Project of a specialized unit in testing compliance and energy performance lighting devices

## Tunisia

### THE PROJECT

The project will allow the Technical Center for Mechanical and Electric Industries, (CETIME), to equip itself with a laboratory for Measuring the parameters of lamps and lights on the market, in order to promote greater energy efficiency of the lighting systems on the same market. CETIME staff will be trained on the correct use of the adopted instruments and technologies.

### BACKGROUND

Tunisia is committed in improving its lighting systems' efficiency and has joined the GEF-UNEP initiative which adopts an integrated approach to achieve this goal. The integrated strategic approach ensures that all aspects relating to lighting and energy saving policies are taken into account in the development of the national strategy. The initiative made possible the identification of an action plan in which this project fits.

### OBJECTIVE

Promote energy efficiency.

### PLANNED ACTIVITIES

- Technical assistance for the creation of the laboratory and tests on 6 different products.
- Call for tender for the purchase of the laboratory necessary equipment.
- Training of laboratory managers, and technicians, on the use of new technologies.
- Training and awareness seminars.

### SUBJECTS

#### Promoters:

- Ministry of the Environment and Energy Security (MASE)
- Tunisian Ministry of Industry and Small and Medium Enterprises (MISME)

#### Actuators:

National Agency for Energy Management (ANME)

### CONTRIBUTION TO

⇒ **NDC Tunisia:** reduction in carbon intensity by 41%, in respect to the 2010 level, within 2030.

⇒ **2030 Agenda:** Goal 12 - Responsible consumption and production; Goal 13 - Climate actions.

⇒ **National Strategy for Energy Management:** reduction of energy demand by 30%, within 2030, based on the *Business as Usual* scenario (BaU).

### TOTAL COST OF THE INITIATIVE

**€ 549,700**

**Lender:** MASE € 393,700

**Other lenders:** Tunisian financing € 156,000

### OUTPUT

- Laboratory for testing efficient lighting systems operating at CETIME, in the city of Manouba, (northern Tunisia).
- CETIME technicians trained.