

# EGYPT'S energy future



Egyptian industry is consuming almost **50%** of end-use energy and **33%** of electricity.



Industry related emissions account for **29%** of the total emissions in **2005** and are expected to increase their relative share to **~36%** by **2030**.

Industry's future in Egypt is strongly linked to the future of energy available in the country.

Both **energy efficiency** and **renewable energies** are key to the future of industry and to improving living conditions in the country.

## Energy efficiency

The UNIDO project on Industrial Energy Efficiency (IEE) seeks to reduce both energy consumption and emissions of the industrial sector.

### Target groups

Industries' managers, engineers, vendors, consultants, policy-makers and support institutions.



### Holistic approach

IEE focuses on the entire energy system rather than individual equipment components and includes improvements in policy, management, operations, and financing.

### BENEFITS DELIVERED BY THE IEE PROJECT :

- It saves industrial firms' money
- It increases reliability of operations
- It has a positive effect on productivity and competitiveness
- It can offer attractive financial and economic returns
- It offers improved security of energy supply

## Renewable Energies

A new project will promote solar energy technologies for **air conditioning, hot water production, drying applications for industrial processes** and **large buildings**.

### Objectives:

- demonstrate the **technical and financial viability** of solar technologies
- develop the supply chain of **local manufacturing** of quality solar equipment
- upgrade the skills** of technical staff for the design, installation, and maintenance
- devise **financial packages** suitable to promote solar energy in industry
- set up a **policy and regulatory framework** to accelerate the use of solar technologies and **reduce emissions**.

Renewable energies are cost-effective, can unleash a new dynamic industrial sector and create jobs!