

# Noor-Ouarzazate Concentrated Solar Power

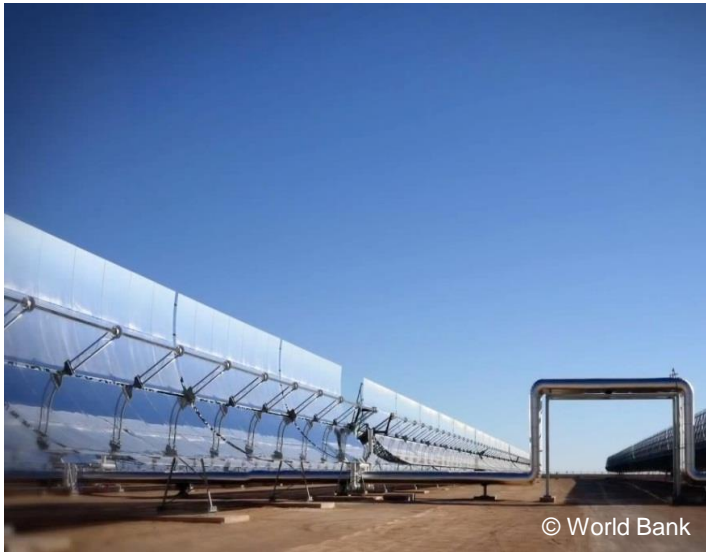
## Description

**Purpose:** To replace fossil fuel-based electricity with solar power.

### Expected Results (include):

- 410 MW in new renewable capacity installed.
- 1,638 GWh of solar power produced annually.
- 522,000 metric tons of CO<sub>2</sub>eq. emissions avoided annually.

**IBRD Financing:** \$400 Million



## Country Challenge

Morocco has achieved strong economic growth and stability over the past decade. This has resulted in a substantial expansion of its energy demand which has been met by importing oil at an annual cost of US\$80 billion with consequent emissions of greenhouse gases.

## Project Goals

IBRD, other development banks, and bilateral agencies are supporting three phases of the Noor-Ouarzazate Complex which uses state-of-the-art concentrated solar power technology. The components of the Complex being supported are: Noor I – 160 MW under construction; and, Noor II and III, with a combined capacity of 250 MW to be built by private sponsors. The \$400 million IBRD loan finances part of the construction costs and the government's utility power purchases.

For more information: <http://www.worldbank.org/projects/P122028/ma-ouarzazate-concentrated-solar-power?lang=en>  
and <http://www.worldbank.org/projects/P131256?lang=en>