

## PROJECT DESCRIPTION

The project concerns two energy efficiency projects, which are listed below:

- Electricity production from waste heat recovery (WHR)
- Installation of a new and more efficient mill to the cement production unit (5th mill)

## ENVIRONMENTAL AND SOCIAL KEY ISSUES

- Emission to air during operation
- Noise emissions during operation
- Potential pollution/contaminant emissions during construction
- Discharge of wastewater
- Wastes includes solid, hazardous, waste oil and contaminated wastes
- Labour health and safety and working conditions

## MITIGATIONS/SUCCESSFUL IMPLEMENTATION

- TSE-EN ISO 14001 Environmental Management System certification that should guarantee the respect of all environmental rules, periodical monitoring regarding air emissions & noise and reducing wastes, protecting the environment and minimising adverse impacts in operation and construction periods,
- OHSAS 18001 A Certified Occupational Health and Safety system
- Air Emission Measurement Report
- Air Quality Measurement
- Environmental Permit and License

Developed by



European Bank  
for Reconstruction and Development

Supported by



### GENERAL INFORMATION

<b>Project Location</b>	Isparta Province, Mediterranean Region
<b>Technology</b>	Energy Efficiency
<b>Annual Electricity Saving</b>	76,297 MWh/year
<b>Annual CO<sub>2</sub> Reduction</b>	36,956 tCO <sub>2</sub> /year

### TIME SCHEDULE

<b>Start of Construction</b>	October 2013
<b>Expected Commercial Operation</b>	October 2015

### FINANCIAL PARAMETERS

<b>Total Project Cost</b>	EUR 33,998,994
<b>MidSEFF Loan</b>	EUR 30,574,362
<b>Payback Time</b>	6.45 years
<b>Internal Rate of Return</b>	12.53 %