

Turkey

Private Sector Renewable Energy and Energy Efficiency

Green Bond Criteria: Mitigation

To enhance renewable energy access and energy efficiency

Expected Results include:

- 950 MW renewable capacity installed.
- 4,065,000 GWh energy efficiency savings.
- 3.51 million tons of CO₂eq. emissions reduced annually by energy efficiency and renewable energy produced.
- 28% of the country's total energy generation through renewable energy.

IBRD Loan Amount:

US\$500 million + US\$500 million additional financing

Wind



Solar



Geothermal



Country Challenge

Turkey's economic growth is driving high energy use with the associated increase in carbon emissions (total CO₂ emissions were 256 million tons in 2005 of which the energy sector accounts for 77%). Yet, the country has untapped renewable energy resources.

Project Goals

The project finances renewable resources, such as small hydroelectric installations, and geothermal for heating and cooling purposes, and energy efficiency investments (the subsectors likely to be included are iron and steel, cement, ceramics, chemicals, and textiles).

This project is co-financed by the Clean Technology Fund of the Climate Investment Funds, which finances programs with significant potential to be scaled-up for long-term greenhouse gas savings.

For more information:

<http://www.worldbank.org/projects/P112578/private-sector-renewable-energy-energy-efficiency-project?lang=en&tab=overview>