

China

Shandong Energy Efficiency

Green Bond Criteria: Mitigation

To improve the energy efficiency and environmental performance of the industrial sector.

Expected Results include:

- 165,000 MWh of renewable energy generated by the biomass based heat.
- 3,247,500 MWh energy savings per year.

IBRD Loan Amount:

US\$150 million



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Country Challenge

China's goal is to reduce carbon dioxide intensity (CO₂ per unit of GDP) by 40-45% between 2005 and 2020. In addition to promoting non-fossil fuels, it has launched ambitious programs for energy conservation, which are being implemented by China's 30 provincial governments. Shandong is the third largest province in China with population of 93 million and first in energy consumption.

Project Goals

The project supports energy efficiency programs focusing on leasing and performance contracting in industries, such as paper, cement, motor manufacturing, and financing for a biomass (from corn and wheat stalk) electricity and heat power plant.

For more information:

<http://www.worldbank.org/projects/P114069/shandong-energy-efficiency-project?lang=en>