



# Project Example in Mexico

**Purpose:** to promote the efficient use of energy and to mitigate climate change by increasing the use of energy efficient technologies in the residential sector.

**Timeframe:** 2010-2014

**IBRD Financing:** US\$ 250.6 million

**Project ID:** P106424

**Mitigation:** Energy efficiency

## Efficient Lighting and Appliances Project

Mexico's is a large consumer and producer of energy. The energy sector generates over 60% of greenhouse gas emissions and other local pollutants. Industry, transportation and electricity generation account for most of the energy used. Residential electricity, in particular, is growing faster than Mexico's GDP, and accounts for about a quarter of all electricity use. Air conditioning, home appliances, and electronics are expected to be the main growth areas.

The World Bank financed the Efficient Lighting and Appliances project to support a government Program targeting the residential sector. The Program results to date are:

- 45.8 million compact fluorescent lights distributed at no cost to low-to-middle income households saving 50-60% electricity
- 1.9 million old and inefficient refrigerators and air conditioners replaced through discount vouchers (for lower income households) and loans (for middle income households) paid through the electricity bill
- Overall, the program is estimated to result in cumulative energy savings of 5736 GWh and emissions reduction of 3.32 million tons of CO2 equivalent.



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### More Information:

<http://http://www.worldbank.org/projects/P106424/efficient-lighting-appliances?lang=en>