



# climatmundi

## Hydroelectricity, Mexico

This project is a little 8 MW hydroelectricity plant in Mexico, aimed to replace electricity produced by coal thermal plant with renewable energy.

This project is registered at the UNFCCC as a CDM\* project under the number 649.



### Focus...

The project takes place in the Pihuamo municipality, in the Jalisco State, on Mexico's west coast. Constructed on the Barreras river, it consists of a small 8 MW turbine placed in an existing dam constructed by the Mexican National Irrigation Commission for irrigation purposes. The electricity produced is sent to the grid, displacing generation from fossil-fueled power plants electricity.

Emission reductions were calculated according to the methodology « AMS-1.D: Renewable Electricity Generation for a Grid. ». The project design document was validated by DNV, one of the designed operational entities by the Kyoto Protocol's CDM executive board

Emissions reductions were verified by DNV in a report dated 27 december 2006.

This project avoids the emission of  
**15 800**  
tons of CO<sub>2</sub> per year.

CER\*



(\* ) Clean development mechanism

(\* ) Certified Emission Reductions