

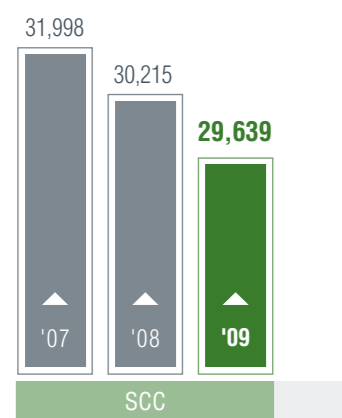
Our zinc electrolyte refinery at San Luis Potosí is an example of cutting edge in quality and protecting the environment, capturing over 95% of the emissions from our sulfuric acid plant.



## Efficiency and atmospheric emissions

Energy is the principal cost in mining, therefore the concern for its conservation and efficient usage is very relevant. There are Energy Management Committees at practically all our mines. These Committees meet periodically to discuss indicators and propose measures directed at saving energy. Also, alternative sources are being analyzed at the corporate level, both from traditional energy sources and renewable energies. This has led us to develop a culture of caring for energy directed at the sustainability of our operations.

ENERGY CONSUMPTION  
(electricity and other energies)  
MINING DIVISION



FIGURES IN TERAJOULES

ENERGY CONSUMPTION BY SOURCE - MINING DIVISION			
	2007	2008	2009
Electricity	38.7%	38.9%	38.3%
Diesel	28.6%	27.1%	27.6%
Fuel Oils	15.2%	13.3%	13.0%
Natural Gas	14.1%	11.8%	10.8%
Coke	2.1%	2.0%	1.7%
Gasoline	0.6%	0.6%	0.5%
LP Gas	0.4%	0.4%	0.4%
Kerosene	0.2%	0.4%	0.3%

## Efficiency and initiatives

The consumption of electricity at our operations has presented a downward trend over time, principally due to ongoing improvements made to our processes. These reductions are a reflection of ongoing efforts in energy efficiency, which reduced our overall electricity consumption by 1.2% compared with 2008.

The start of operations of the new vertical furnace at the Lime Plant in Agua Prieta, Sonora has resulted in a 60% reduction in the consumption of natural gas, meanwhile other energy saving projects, the optimization of ducts and roadways (particularly at the open pit mines) have resulted in significant energy savings.

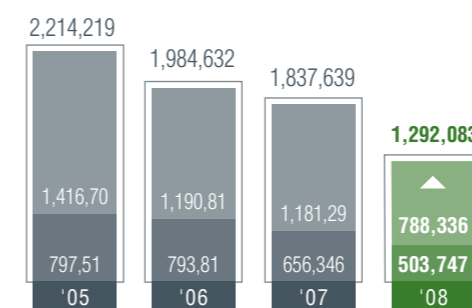
## Greenhouse gas effects

Climate change presents significant challenges for the company in the short, medium, and long term. At Grupo México, we are clear that we are both part of the global problem and part of its solution.

Minera México is part of a group of companies that collaborate with the federal environmental authorities under the GEI Mexico Program ([www.geimexico.org](http://www.geimexico.org)), measuring and reporting their greenhouse gas emissions voluntarily.

To reduce our greenhouse gas emissions, we are taking significant action in three strategic areas: energy saving and efficiency, collecting carbon through supporting reforestation, and exploring alternate energies for the company.

GREENHOUSE GAS EMISSIONS  
MINERA MEXICO  
2005-2008 (TCO<sub>2</sub> EQUIVALENT / YEAR)



■ Total Scope 1 (direct)  
■ Total Scope 2 (indirect)

**NOTE:** This report provides information on a one year delay, as the emission factors are communicated to the participant companies during the second half of the following year. The indirect emissions are generated by our electricity provider, the Federal Electricity Commission (CFE).