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Vale is the only Latin American company listed in the Carbon Disclosure Leadership Index, launched by the CDP on September 22nd in the US. The ranking evaluates the 500 biggest companies included in the Global 500 index, of the New York Stock Exchange Market. From this total, 67 carbon intensive and non-intensive companies that are models in transparency and in the adoption of practical reduction actions of its emission were selected. In the report, Vale is the carbon intensive company that emitted the least greenhouse gases (GHG) in 2007 among the six companies of the Raw Material, Mining, Paper and Packing sector according to the emission/revenue criteria adopted by the organization.

Non-profit institution with headquarters in London, CDP releases annually a report about the actions taken by the main companies in the world in the area of climate change. The organization currently represents over 3 thousand investors that together combine US\$ 57 trillion under its control.

The inclusion in the CDP ranking is a result of the Vale Carbon Program- its bases were created in 2007. The program is an action plan of the document "Corporate Guidelines on Climate Change and Carbon", which Vale releases today (09/26) in the Sustainability Forum at Firjan (Rio de Janeiro Federation of Industries).

In the Corporate Guidelines, Vale recognizes that the issue of climate change is a fundamental theme for the sustainability of the planet and the business. That's the reason why Vale seeks to establish greenhouse gas emission reduction and control mechanisms. The document also states the five purposes of the Carbon Program: strategic evaluation of the climate change in the company business and capacity to operate in the new competitive environment; support and induction of greenhouse gas emission reduction initiatives and carbon dioxide sequestration; cooperation and partnerships for technologies research and development and for the implementation of mitigation and adaptation actions in the territories where Vale operates; support to the government and sectors for the construction of regulatory limits on the necessary to face the climate changes; and transparency and continuous improvement.

For the Carbon Program, Vale will set aside US\$ 5 million by the end of 2008. The resources are being invested in the training of executives and managers of the company, studies on global warming and CDM (Clean Development Mechanism) projects.

Inpe - The Carbon Program contemplates an agreement signed in April with the Brazilian National Institute of Space Research (Inpe) which establishes the publication of three reports about climate change and its impacts on vegetation, agriculture, biodiversity and power generation capacity in the State of Pará and Maranhão, where the company has important presence. In the first report released in the beginning of September, Inpe researchers studied the variation of the climate and temperature in three periods: 2010-2040, 2041-2070 and 2071-2100. The work will serve as the basis of information for the elaboration of subsequent reports, set for March and April 2009.

Emissions - In 2007, Vale emitted 15.22 million tons of CO2 equivalent, which represents a growth of 51% in comparison with 2005. This increase is due to the inclusion of Vale Inco and production increase. However, Vale has been adopting greenhouse gas emission reduction and sequestration projects. Last year, Vale tested the B20 (20% Biodiesel and 80%

common diesel) in its railways and was able to reduce its emissions in about 300 thousand tons of CO2 equivalents per year. Today, the company awaits the availability of biodiesel in the Brazilian market to resume the use of B20.

In 2005, Vale began the project of fuel oil substitution by gas in its Tubarao pelletizing plants (State of Espírito Santo). The estimate is a reduction of 600 thousand tons of CO2 per year when the project is fully functioning. By the end of 2008, nine out of 10 pelletizing plants will be able to operate with natural gas.

Another important project for the reduction of greenhouse gas emissions is Vale Florestar, created to protect and recover the native forest of the southeast of Pará, combined with the planting of species of the region with trees of industrial use. Vale Florestar is currently the biggest environmental recovery project implemented so far in the Amazon. Commencing in 2007, the program will receive investments of US\$ 300 millions up to 2015, from which US\$ 60 millions will be till the end of 2008. The total area to be benefited by the program is the 300 thousand hectares, which will enable the sequestration of 4 million tons of O2 equivalents per year.

Furthermore, Vale already helps to protect almost 3 billion trees around the world, of which a major part in the Amazon. Considering the current population of 190 million, there are 14 trees for every Brazilian. The total is also equivalent to almost half the planet population of 6.6 billion people. The estimated carbon dioxide stock is 1 billion tons.

More information



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