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ABITA

## ENERGY/WATER & CLEANER ENVIRONMENT

The World Renewable Energy Congress (WREC), a major recognised forum for networking between these sectors, addresses these issues through regular meetings and exhibitions, bringing together representatives of all those involved in the supply, distribution, consumption and development of energy sources which are benign, sustainable, accessible and economically viable. WREC enables policy makers, researchers, manufacturers, economists, financiers, sociologists, environmentalists and others to present their views in Plenary and Technical Sessions and to participate in discussions, both formal and informal, thus facilitating the transfer of knowledge between nations, institutions, disciplines and individuals. WREC applauds the recent ratification of the Kyoto Protocol by Russia.

Deadline for ABSTRACT: January 25, 2006

Deadline for receiving FULL PAPER: April 5, 2006

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## **Potential impacts of the Kyoto Protocol for renewable energy sources in the Brazilian power sector**

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**Abstract:** The Brazilian power sector regulatory environment has undergone intensive restructuring in the last 10 years. In the same period the regulation of the Clean Development Mechanism of the Kyoto Protocol was being shaped. The actual impact of both for power generation using renewable energy sources indicates an increasing participation of biomass, wind and (run-of-river) hydro sources. But it is not clear to what extent the apparent success is due to the difficulties for government-favoured large hydropower plants to obtain environmental licenses, to the subsidized tariffs from incentive programs, or to the emergence of the carbon market with increasing Certified Emission Reduction prices. The paper includes an overview of the impacts of the changing regulatory scenario but focus on the evaluation of the achievable revenues from CDM-compliant emission reductions, i.e., in possible greenhouse emission scenarios and their financial impact on investments in power generation based on renewable energy sources in Brazil

**Keywords:** Brazilian power sector, renewable energy sources, greenhouse gases emission reductions, Clean Development Mechanism, economic impacts.

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