



## Strengthening Power Generation from Biomass

### Project Title

Removal of Barriers to Biomass Power Generation in India Phase I

### Budget

Global Environment Facility – USD 5.65 million; Ministry of New and Renewable Energy – USD 5.24 million; KFW (German Development Bank) – USD 24.82 million; Private Sector – USD 3.44 million

### Duration

July 2007 – June 2010

### Partners

Ministry of New and Renewable Energy, Government of India; Indian Renewable Energy Development Agency

### Project Location

Haryana, Maharashtra, Punjab and Rajasthan

### Challenges

India's increasing energy needs have put great pressure on existing natural resources. Deforestation, land degradation, water and air pollution add to greenhouse gas emissions. Projections indicate that carbon emissions from the energy sector will increase from 508 metric tonnes in 1990 to 1646 metric tonnes in 2010.

### Response

This project aims at increasing the use of renewable biomass energy sources for increased access to energy. Pilot models will be used to demonstrate how biomass power technology can be used to meet electricity needs in the rural areas. The project will help standardize financial packages to commercialize biomass power on a large scale.

### Impact

Initial phase of the work has begun. Resource data on biomass is being collected in order to define the potential for power generation from biomass.



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