

***View of project participants on the project activity's contribution to Sustainable Development***

Ministry of Environment and Forests (MoEF), Government of India, has stipulated the following indicators for sustainable development in the interim approval guidelines for CDM projects.

- 1. Social well-being**
- 2. Economic-well being**
- 3. Environmental well being and**
- 4. Technological-well being**

The project activity contributes to the above indicators in the following manner:

***Social well being***

The proposed 10 MW biomass based power project caters jobs for number of persons in the nearby rural areas in various fields like construction of the plant, biomass collection, processing of biomass, transportation of biomass as well as in the operation of the power plant. Apart from direct employment generation, proposed project also encourages indirect employment by setting up other agro industries due to availability of power supply from the proposed project.

Commercial value to agricultural residues will encourage the farmers to collect biomass from fields and effectively utilize the barren and uncultivable lands, which will improve the income level of the farmers.

***Economic well being***

The proposed project will bring in additional capital investment of Rs.446.10 million in the local area.

The project acts as a nucleus for other economic activities such as setting up of shops, hotels etc around the area contributing to the economic development around the project area.

The biomass plant will help local farmers in earning extra income by selling crop residues there by helping them to improve their economic standards.

The proposed biomass based power generating plant facilitates the availability of continuous and sustained power to the local industries and agricultural farmers located in the region, there by avoiding the load shedding and low frequency of power.

***Environmental well being***

The proposed project activity utilises biomass potential available for power generation, which otherwise is dominated by fossil fuels such as coal, lignite and gas. The project will not result in increase of GHG emissions and cause no negative impact on the environment.

The project conserves local resources, reduces pressure on the local environment to some extent, and provides improved health and environmental benefits. The project generates real, measurable and long-term emissions reductions.

***Technological well being***

The CDM project activity should lead to the increase in utilization of biomass resources for power generation and contributes to the energy security in the country.

The above benefits due to the project activity ensure that the project would contribute to the sustainable development of the region.