



Contribution of the project activity to sustainable development

Ministry of Environment and Forest, Government of India has specified the social well being, environmental well being, economic well being and technological well being as four indicators for sustainable development in the interim approval guidelines of host country eligibility criteria for CDM projects¹.

Social Wellbeing:

The project activity will contribute to the infra structure development in the neighboring region like better roads, telecommunication etc. The project activity will increase the income security of vulnerable sections of the rural communities in the vicinity of the project site by providing the employment opportunity to the local villagers associated with the project.

Environmental Wellbeing:

The project activity generates power using the renewable source and supply the electricity to Southern Grid (SE) which would have been generated by fossil fuel based power plants in the absence of the project activity. The project activity avoids greenhouse gases emissions into atmosphere. By utilizing renewable energy source, the project helps in prevention of fossil fuels like coal, gas, natural gas. The impact of the project activity would be minimal as the project is a run-of-river based power plant.

Economic Wellbeing:

The construction of the hydro power plant will create employment opportunity to large group of people around the project activity. This would increase the skill set of the people and eventually raise the economic standards of the people.

¹ http://www.cdmindia.in/approval_process.php

Technological Wellbeing:

The technology used in the project activity is clean technology and successful implementation will encourage private entities and finance corporations to enter renewable power generation.