



Contribution of the project activity to sustainable development

Ministry of Environment and Forests, Govt. of India has stipulated the social well being, economic well being, environmental well being and technological well being as the four indicators for sustainable development in the host country approval eligibility criteria for Clean Development Mechanism (CDM) projects¹.

Social well-being:

- The Project activity involves generation of clean power without emitting GHGs into atmosphere. This reduces the adverse impacts of GHG emissions leading to cleaner environment.
- The implementation of the project activity has contributed to the development of infrastructure facilities such as development of road network and improvement of electricity availability in the adjoining areas.

Economic well-being:

- The project activity results employment opportunities directly and indirectly for technical and non technical people in the locality thus improving their standard of living.
- It also promotes industrial growth by catering to the energy needs arising out of the supply-demand gap of electricity.

Environmental well-being:

- Power generated from wind energy being a renewable source, contributes to conservation of petroleum based resources for future generations.
- It also reduces CO₂ and other GHG emissions in the atmosphere through development of renewable technologies.

Technological well being

¹ http://cdmindia.nic.in/host_approval_criteria.htm



- The project activity proposes to use the environment friendly, inexhaustible and clean technology to produce power using wind energy. The successful implementation of the project activity will also encourage other investors to invest into renewable technologies. Thus the project leads to technological well being.