

**Contribution of project activity to sustainable development**

Ministry of Environment and Forests, Government of India has suggested 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) projects<sup>1</sup>.

The project activity contributes to sustainable development of the host country in the manner specified by Ministry of Environment and Forests, Government of India as follows:

**i) Social well being**

- The project activity will lead to the development of supporting infrastructure such as road network etc., in the wind farm location, the access to which is also provided to the local population.
- The project also provided employment opportunities to the skilled/ unskilled manpower.

**ii) Economic well being**

- The lands purchased for the wind farms are mostly non arable and sparsely inhabited areas. The local residents also recruited during development of the site and erection of the wind turbines.
- In addition, there will be rural and infrastructure development such as roads around the wind farms.

**iii) Environmental well being**

- The project activity will generate clean energy without any GHG emissions commonly associated with the electricity generation in fossil fuel based power plants. The project related GHG emissions are nil as it uses only natural wind as the energy source.
- The project activity will further reduce generation of SO<sub>x</sub>, NO<sub>x</sub> and particulates commonly associated with electricity generation in general.

**iv) Technological well being**

- The clean renewable electricity generated will also be supplied to the state electricity grid to meet their demands and distributed energy generation will reduce losses during transmission

In addition to this, the project proponent will contribute 2% of the CDM revenue realized from the CDM project for sustainable development including society / community development. PP is aware about the Indian DNA guideline on commitment of 2% of the CDM revenues towards sustainable development and a formal undertaking is being submitted separately. The detailed monitorable action plan is provided in the Appendix 2 of the PDD.

Thus, the project activity contributes to the sustainable development of the host country.

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<sup>1</sup> [http://cdmindia.nic.in/host\\_approval\\_criteria.htm](http://cdmindia.nic.in/host_approval_criteria.htm)