

Contribution of the project activity to the sustainable development:

The National CDM Authority (NCDMA), 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 interim approval guidelines for Host Country Approval eligibility criteria for Clean Development Mechanism (CDM) projects⁴.

(1) Social well being:

- i. The CDM project has lead to poverty alleviation by generating employment during construction and operational phase of the project activity.

(2) Economic well being:

- i. The generated electricity is fed to the grid of KPTCL/HESCOM. The injection of power in the local grid of Nargund improves the power quality in the local region (voltage level,) to certain extent. This is likely to promote economic activity in the region (both agricultural and industrial).

(3) Environmental well being:

- i. The project displaces fossil fuel emissions that would have occurred in the absence of the project activity due to power generation in the southern grid connected power plants. Thus, the project reduces the level of pollution as well leads to conservation of fossil fuel resources.
- ii. The project is a clean energy generation and neither has negative impact on the health of the community nor on the biological life nearby.

(4) Technological well being:

- i. The project activity leads to the installation of nine numbers of Enercon make WEG.

Thus the project activity fulfills the sustainable development criteria stipulated by NCDMA of India. The project activity has secured Host Country Approval on 27/12/2007.