

Contribution of project activity to sustainable development

Proposed CDM project activity has the following sustainable development aspects:

1. Social well being

- ✓ The project activity provides direct and indirect job opportunities to the local population during erection of wind turbines as well as during regular operations. Employment generation would help poverty alleviation in the local community and bring about reduction in the disparity of income.
- ✓ The infrastructure development created for the purpose of the project activity would benefit the local community. For instance, roads constructed for right of way to the project sites would be used by the villagers.

2. Economic well being

- ✓ The generation of electricity by the project activity will improve availability of electricity to the State grid and also provide more opportunities for setting up of industries in the region.
- ✓ Communication facilities would improve substantially in the surrounding villages, which are located in remote areas.

3. Environmental well being

- ✓ The wind energy based electricity generation is a renewable energy and replaces fossil fuel based electricity generation, thereby helping in conservation of fossil fuel resources and mitigation of GHG emissions.

4. Technological well being

- ✓ Wind turbine generators deployed in the project activity are from well-known international manufacturer; the technology is proven and ensures efficient and safe operation of the project activity.

In addition to this, the project proponent will invest 2% of the CER revenues every year in sustainable development activities in the local community in Rajasthan and Tamil Nadu.