

The views of the project participant on the contribution of the project activity to sustainable development

The National CDM Authority (“NCDMA”) which is the Designated National Authority (“DNA”) for the Government of India (GoI) in the Ministry of Environment and Forests (“MoEF”) has stipulated four indicators for sustainable development in the interim approval guidelines for Clean Development Mechanism (“CDM”) projects from India¹. The contribution of this project activity to these four indicators is provided below:

1. Social well-being:

- The project activity will have positive impacts through direct and indirect employment in India. At the local level, the project activity will lead to the creation of skilled and unskilled jobs throughout the construction and ongoing operation and maintenance of the project. At a national level, employment in turbine and balance of plant component manufacturing will be promoted.
- The project activity in its execution will lead to development of infrastructure in the region and at the same time promote business in the region through the improvement in electricity generation capacity of the grid.

2. Environmental well-being:

- The project activity will generate electricity using a zero-carbon renewable energy source. This will avoid the air quality impacts and emissions of gaseous, liquid and/or solid effluents/wastes associated with fossil-fuel combustion.
- The project will help in conserving natural resources including land, forests, minerals and ecosystems that are impacted by traditional forms of power generation. For example, unlike both fossil-fuel and nuclear generation, wind energy does not require the use of water for cooling and therefore eliminates a strain on local freshwater resources.

3. Economic well-being:

- Use of a renewable source of energy reduces the dependence on imported fossil fuels and associated price variation thereby leading to increased energy security.
- It will also narrow the existing electricity supply gap in the State of Tamil Nadu.
- The project activity requires temporary and permanent, skilled and semi-skilled manpower at the Project site; it will also create additional employment opportunities from new business development.
- The project activity leads to an investment in the region accompanied with business and employment benefits along with improvement of grid supply which otherwise would not have happened in the absence of project activity.
- The clean electricity generated through wind power by the project activity would be fed into the SR Grid thereby improving the grid frequency and availability of electricity in the region. This would provide a better scenario for local industries and businesses to improve their production capacities thereby contributing towards the overall economic development of the region.

4. Technological well-being:

- Increased interest in wind energy projects will further push R&D efforts by technology providers to develop more efficient and better machinery in future and hence encourage project investors towards investment in the sector.
- The project activity uses WTGs for large scale power generation thereby demonstrating the viability of wind based renewable energy generation in the region, which is fed into the nearest sub-station (part of the SR Grid), thus increasing energy availability and improving quality of power under the service area of the substation. Hence the Project leads to technological well being.

The project proponent will contribute 2% of the net revenue realized from sale of Certified Emission Reductions (CERs) arising from this CDM Project towards sustainable development including initiatives towards society / community development in line with the measures indicated in the sections above.