

the electricity generation. Technology is indigenous, available within the country, and environmentally safe and sound.

Contribution of the project activity to sustainable development:

Ministry of Environment, Forests and Climate Change (MoEFCC), 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 of the CDM project activity⁴. The project proponents believe that the project activity has contributed to sustainable development in following manners:

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➤ **Social well-being:**

There are several activities associated with the erection and commissioning of WTGs and this has resulted in generating employment for both skilled and unskilled manpower. People have been employed in both onsite and offsite activities thus creating direct and indirect employment opportunities that contribute up to some extent in poverty alleviation of the local community. The project activity also contributes in meeting the electricity deficit in India and hence improves quality of life of the people. Thus, the project activity has contributed to social well-being.

➤ **Economic well-being:**

The project activity makes additional investment for generating grid connected wind energy to partially fulfil the electricity demand. The investment in the project activity has also increased the economic activity of the local area. The land prices also increased in the surrounding areas due to need of land for establishing the wind farms. It benefitted economically to the local land owners. Thus, the project activity contributed to the economic well-being of the local community.

➤ **Environmental well-being:**

The project activity reduces the emissions of local and global pollutants. It also conserves the non-renewable energy resources as the project activity does not consume any non-renewable resource for generating the electricity. There is no solid waste from the project activity that generally happens in the case of most of the other sources of power. Thus, the project activity contributes to environmental well-being without causing any negative impact on the surrounding environment.

➤ **Technological well-being:**

The investment in renewable technologies like wind will boost the sector and propel R&D in this field thus helping in evolution of better and more efficient technologies.

Thus, the project activity contributes towards the sustainable development of the region.

A.2. Location of project activity

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Project Developer	Country	State/ Province	City/ Town	Latitude	Longitude
Sanghvi Foods Pvt. Limited	India	Madhya Pradesh	Nagda Hills, Dewas	22° 53' 21.1" N 22° 53' 38.5" N	76° 04' 18.1" E 76° 05' 02.9" E
Sanghvi Foods Pvt. Limited	India	Rajasthan	Indroka, Jodhpur	26° 27' 08.5" N 26° 27' 14.6" N	72° 53' 18.2" E 72° 53' 10.9" E
Roshni Energy	India	Maharashtra	Tisangi, Sangli	17° 08' 19.3" N	74° 51' 40.9" E
Sanghvi	India	Maharashtra	Aichale, Dhule	21° 14' 03.9" N	74° 21' 45.0" E

⁴ http://www.cdmindia.in/approval_process.php