

SECTION A. General description of small-scale project activity
A.1 Title of the small-scale project activity:

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Title: Renewable Energy Wind Power Project in Karnataka

Version: 4.0

Date of completion of PDD: 26/05/2011

A.2. Description of the small-scale project activity:

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The project activity is to install 6.4 MW wind energy project comprising eight Wind Energy Converters (WECs) of capacity 800 kw each in Karnataka state of India. The WEC are of type E-53 supplied by Enercon (India) Ltd (Enercon). Electricity produced with renewable source will be supplied to Karnataka state electricity grid which is part of the Southern grid of India. The project participant (PP) is Vish Wind Infrastructure LLP (VWLLP). This is 100% equity-based financed project and the first project activity by PP in the state of Karnataka. PP has entered into agreement with Enercon for operation and maintenance of the project activity.

Objective of the Project

The objective of the project activity is to generate electricity from renewable and clean source of energy. The electricity will be supplied to Karnataka state electricity grid which is part of the Southern grid of India, thus displacing electricity produced in fossil fuels based power plants. It shall help in mitigating the climate change impact.

Nature of Project

The project utilises the wind energy potential to generate electricity. The adoption of clean technology like WEC provides an opportunity to reduce dependency on non-renewable source of energy and simultaneously displacing electricity from Southern grid dominated by fossil fuels based power plants. Electricity generated will be supplied to Power Transmission Company Ltd (KPTCL)/Bangalore Electricity Supply Company Limited (BESCOM) under a long-term power purchase agreement (PPA). Operation and maintenance of the project activity will be carried out by Enercon.

Contribution to Sustainable Development

The details that how the project activity contributes to sustainable development of India is described below:

Social well being

The project site preparation and building of infrastructure necessary to operate wind energy plant helps in generating local employment. Operation and maintenance of project also engages local manpower. Thus, help in up-liftment of rural communities. Overall it improves the living standard of local population.

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Economic well being

The overall social well being helps in accelerating the economic growth of the nation. The renewable energy source like wind provides an opportunity to generate electricity in addition to electricity generated by continuously depleting non-renewable source of energy, thus helping in reducing the gap in demand-supply of electricity in the region.

Environmental well being

Wind energy is clean source of energy. Generation of electricity through this route lessens the burden on non-renewable sources which are contributing to atmosphere negatively as their use leads to induction of pollutants. Implementation of such project activity will help in reducing the impact of climate change.

Technological well being

The project activity leads to the promotion of clean technology in the region. Success of such project motivates industry to participate actively to further advance the existing technology and giving a way to technology of future. It helps in deployment of resources globally to fight problem of climate change through technological up gradation and implementation.

A.3. Project participants:

Name of Party involved ((host) indicates a host Party)	Private and/or public entity(ies) project participants (*) (as applicable)	Kindly indicate if the Party involved wishes to be considered as project participant (Yes/No)
India (Host)	Vish Wind Infrastructure LLP	No

A.4. Technical description of the small-scale project activity:**A.4.1. Location of the small-scale project activity:****A.4.1.1. Host Party(ies):**

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The host party to the project activity is India.

A.4.1.2. Region/State/Province etc.:

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The Project is located in the State of Karnataka in India.

A.4.1.3. City/Town/Community etc:

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The project is located in Village: Kalasapur, District: Gadag, State: Karnataka