



### **Sustainable development criteria**

According to the National CDM Authority (NCDMA), the Designated National Authority (DNA) for the Government of India (GoI) in the Ministry of Environment and Forests (MoEF), the contribution of a project towards sustainable development can be classified under following criteria:

- Social well-being
- Economic well-being
- Environmental well-being
- Technological well being

#### **Social Well-being**

- The project will add to the total power generated in the state thereby contributing to total power generated in the country and the state.
- The project activity will lead to conservation of coal which is the mainstay of the Indian Power industry.
- The project activity will result in generation of direct and indirect employment opportunities for the local people, both during construction and operation phases.

#### **Economic Well-being**

- The project helps in generating business and employment opportunities for the local people.
- The project activity leads to infrastructure development of the region.
- The project has created a business opportunity for local stakeholders such as suppliers, manufacturers, contractors etc.

#### **Environmental Well-being**

- The project will utilize wind energy for generating electricity which otherwise would have been generated through alternate fuels (most likely - fossil fuel) based power plants, contributing to reduction in specific emissions (emissions of pollutant) including GHG emissions.
- Being a renewable resource, using wind energy to generate electricity contributes to resource conservation. Thus the project causes no negative impact on the surrounding environment contributing to environmental well-being. Technological Well-being
- Generation of power using wind turbine generators will motivate other proponents in the surrounding area to invest in renewable energy technologies.
- Generate awareness about renewable technologies amongst local people and students in particular thereby contributing to their scientific knowledge Thus, it is ensured that the project activity meets all the criteria for Sustainable development.