

Contribution to sustainable development

The San Antonio El Sitio Wind Power Project will produce significant benefits to Guatemala. These include:

- Increase in power supply in the country: The San Antonio El Sitio Wind Project will have an installed capacity of 55.2 megawatts, which will increase the supply of electricity and contribute to satisfy the growing demand for electricity.
- Reduction in electricity costs: The project will generate electricity from a clean, inexpensive (i.e. zero marginal cost) source of energy as compared with thermal power plants that require expensive fossil fuels to operate.
- Employment generation: employment opportunities will increase, especially during the construction phase, but also in the longer term during the operational phase of the wind Project.
- GHG emissions reduction: the Project activity will be generating electricity from a clean energy source, displacing generation from carbon-intensive technologies on the grid; therefore it contributes to the mitigation of climate change.
- Technology transfer: clean, state-of-the-art technology will be transferred from developed countries (as no local suppliers of wind turbines are available). The project also involves investment flows into the country and will demonstrate the use of replicable, clean energy technologies. Local workers hired during the construction and the operational phase of the Project will acquire important skills, supporting sustainable development in the country.