The power grid in many developing countries are damagingly reliant on fossil fuel based power plants. These countries are high on coal dependency, emitting huge amounts of CO₂. As a consequence, the energy sector contributes to pollution and poor air quality. The Wind Projects build wind turbines, providing the power grid with clean, renewable energy and stimulates the transition to a low carbon economy.

Wind turbines generate electricity with zero greenhouse gas emissions. The electricity produced displaces an equivalent amount of energy that would normally be generated by fossil fuel based power plants. This leads to a reduction in CO₂ emissions.

The installation of the wind turbines generates positive social and economic impact for the local population. Job opportunities increase in the renewable energy sector, and the social development in the area is also taken into account. The Project was not limited to the construction of the wind turbines, the overall infrastructure in the region has also improved. Since the Project started, there are less harmful air pollutants linked to coal burning such as NOx, SO₂, mercury and particulate matter.

WIND PROJECTS

LOWER NG GREENHOUSE GAS EMISSIONS

INSTALLATION OF WIND TURBINES

IMPROVING LIVELIHOODS
Greentripper selects climate projects that have an impact in terms of greenhouse gas emissions but also in terms of sustainability and co-benefits for the local population. These impacts are in line with the United Nations Sustainable Development Goals and respect the criteria defined by VCS (Verified Carbon Standard), the most widely used voluntary GHG program to ensure the credibility of emission reduction projects.

The Wind climate projects support the following Sustainable Development Goals:

- Affordable and clean energy (7)
- Decent work and economic growth (8)
- Climate action (13)