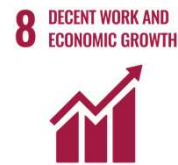


North Cape Wind Power, South Africa

Key facts:

- Sustainable infrastructure | Renewable energy projects
- Reduces 400,000+ tCO₂e per year
- Supports 4 of the 17 UN SDGs
- Projects verified under VCS



Challenge

Coal is the main source of energy for cooking, heating and grid electricity in South Africa. By directing carbon finance to renewable energy projects, like wind farms, the carbon market supports developing economies in building more sustainable infrastructure that is less reliant on fossil fuels.

Solution

This project is part of a wind farm in the Northern Cape Province of the Republic of South Africa with around 150 turbines. The project supplies wind-generated electricity into the grid of South Africa from a location where no wind farm was operated prior to carbon financing.

Impact

In addition to reducing emissions today, this project increases South Africa's investment in clean energy, increasing the global share of renewable power and displacing fossil fuels. Wind projects also transfer skills to workers as they learn to construct and operate wind turbines for future projects.

