

# FairWind

## Case study

# Fairwind delivers the installation of 122 Siemens turbines

### Client

Siemens

### Service type

Onshore installation

### Project introduction

Onshore installation of Siemens turbines at two sites in South Africa

### Location

Khobab and Loeriesfontein, South Africa



## Project summary

- Installation of 122 Siemens turbines at Khobab and Loeriesfontein
- Management of large-scale projects in remote areas
- Overcame logistical challenges and extreme weather
- Ensuring worker safety and comfort with fully equipped camps
- Provided local job opportunities and training
- Completed the project on time, exceeding client expectations
- Strengthened FairWind's reputation for excellence in wind turbine installation.

## Detailed scope of work

FairWind was responsible for installing 122 Siemens turbines across two sites in South Africa, with 61 turbines at Khobab and 61 at Loeriesfontein.

The project faced several challenges due to the remote location and difficult terrain. The area received only 5 cm of rain throughout the 10-month project, leading to persistent dust issues, while environmental hazards such as venomous snakes posed risks to workers.

Weather-related delays amounted to over 60 days. Logistical challenges also arose, as the site was more than 100 km from the nearest city and over 400 km from Cape Town, making it difficult to quickly acquire supplies or tools. Additionally,

Continued overleaf..

1.



2.



FairWind was contractually required to employ a significant number of locally-sourced technicians, which added to the project's complexity.

## Results

- Leveraged global experience and local resources to overcome project challenges
- FairWind Installation (PTY) Ltd, established in 2013, provided logistical support and workforce training
- Developed and trained local South African technicians for the project
- Built technician camps from scratch, including housing, water, electricity, and kitchens to support workers in the remote location
- Successfully completed the project on time, meeting and exceeding client expectations.

### Pictured opposite

1. Loeriesfontein wind farm
2. Building camps for technicians at Loeriesfontein. FairWind was completely independent of the need for hotels or rentals.

## FairWind's onshore installation services

We get involved in the project from an early stage – working on projects all over the world means we know how to minimise risk and optimise the planning of installation projects.

With more than 16 years' experience in onshore installation we deliver a comprehensive range of services:

- Engineering of installation concepts
- Consultancy and optimisation
- Full scope installation projects on lump sum prices
- Craning of wind turbine components
- Transport coordination of wind turbine components
- Loading / unloading and receiving
- Cable works and testing
- Painting and fibre work
- Installation and commissioning of service lifts
- Team transfers planning and evacuation
- Inspections and QA work
- HS&E management
- Site management
- Pre-assembly activities
- High and medium voltage work.

For more information, please contact  
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