

Project Developer
Mphepo Power

Mphepo Power is a local, woman-led renewable energy company focused on the development of wind power in Zambia.



MPHEPO POWER

Total Project Budget
EUR 734 045

EEP Africa Financing
EUR 500 000

Project Partners
Buffalo Energy, Chew Development Trust, Oswald and Kapata, Western Renewable Power

Type
Feasibility study
On grid

Project Code
ZAM15180



Sector
Windpower

Location
Zambia

UNIKA 1 WIND PROJECT

This project will conduct a feasibility study for UNIKA 1, the first large-scale grid-connected wind project in Zambia. The proposed power plant will generate 150 MW and provide renewable energy to 500,000 people. Mphepo Power intends to sign a Power Purchase Agreement (PPA) with Zesco, the Zambian power utility. This would significantly increase the country's renewable energy capacity. EEP Africa financing will support the feasibility studies, including geotechnical investigation, grid, hydrology, transport & bird migration path studies, site design, and civil and electrical planning.

Outcome and Impact

While being constructed, the EUR 270M UNIKA 1 project will create over 800 jobs and when operational it will provide renewable energy to 500,000 people. The project has high potential for replication as it is the first of three UNIKA wind projects planned in Zambia.

