



CREATING OPPORTUNITIES THROUGH CLEAN ENERGY

Kangnas Fact Sheet

Where is the wind farm	Approximately 46km from Springbok, within the Nama Khoi Local Municipality, in the Northern Cape
No of turbines	61
Total output	140MW
Size of area	3591 hectares
Environmental authorisation	The original EA was issued in June 2014.
Renewable energy	513,200 MWh/year
How many homes will it power	Approximately 155 000 homes
Carbon emissions avoided	Approximately 550,000 tonnes
Wind Farm Operations and Management	Operation – Mainstream Asset Management South Africa
Wind Farm Construction Partners	The Kangnas Wind Farm forms part of the South African Government’s Renewable Energy Independent Power Producer Procurement Programme and will be constructed by an experienced team, comprising of Siemens, Concor Consortium and Conco.
Investment	ZAR 3.5 billion
Wind Turbines	Siemens Wind Power – SWT2.3-108
Wind Turbine Towers	Manufactured by GRI in Atlantis
Civil and electrical works	Conco/Concor Consortium
Height of turbine towers	115m
Length of Blades	53m
Height of Blades	168m



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Ownership	Mainstream & Actis (Lekela), Old Mutual, H1, AREP, Community Trust
Economic Development	2.8% of the wind farm's revenue will be spent on socio economic development and 0.2% on enterprise development, over a 20 year period, from the time of operations.
2.5% owned by local community trust	Kangnas Community Trust
Local Community Benefits	Employment opportunities, skills development, socio economic development and enterprise development, are just some of the ways that local communities, situated within a 50km radius of Kangnas Wind Farm are to benefit during the wind farm's 20 year's operational period.
Local content	48.2% of the total project value
Construction Completion	Late September 2020.