



KANGNAS
WIND FARM

CREATING OPPORTUNITIES THROUGH CLEAN ENERGY

Wind Farm location	Approximately 46km from Springbok, within the Nama Khoi Local Municipality, in the Northern Cape
Number of Turbines	61
Total Output	140MW
Size of Area	3 591 hectares
Environmental Authorisation	The original EA was issued in June 2014
Renewable Energy	563 500 MWh/year
Carbon Emissions Avoided	Approximately 550 000 tonnes
Wind Farm Construction	South African Mainstream Renewable Power Developments
Wind Farm Operations and Management	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 and Conco Consortium
Investment	ZAR 3.5 Billion
Wind Turbines	Siemens Wind Power – SWT2.3-108
Wind Turbine Towers	Manufactured by GRI in Atlantis
Height of Turbine Towers	115m
Length of Blades	53m
Turbine Tip Height	168m
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
Community Trust Ownership	2.5% owned by Kangnas Renewable Energy 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 operational period
Construction Completion	Late August 2020