

900MW RENEWABLE FACILITY
Umbilla **Emoyeni**






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Umbilla Emoyeni

Umbilla Emoyeni is Seriti Green's flagship project. Based in the Highveld, the project is set to redefine the Mpumalanga province's journey towards a just energy transition. The entire project has been designated as a Strategic Infrastructure Project by the Department of Public Works and Infrastructure, and has already received its Environmental Authorisation from the Department of Forestry, Fisheries and the Environment, a critical requirement to start construction.

This project is a 900MW hybrid renewable energy facility comprising of:

-  750MW of wind energy consisting of 111 turbines
-  150MW of Solar PV
-  800MWh of Battery Storage

The project is expected to enable significant job creation, and contribute meaningfully to generation capacity in the country while also bringing significant capital investment into the Mpumalanga Province. The project will be built in multiple phases, with Umbilla Emoyeni One being the first phase.

155MW RENEWABLE ENERGY FACILITY

Umbilla Emoyeni One



This ~155MW wind energy facility is the first phase of the larger, ~900MW renewable energy cluster called Umbilla Emoyeni, located between Bethal and Morgenon in Mpumalanga.



Umbilla Emoyeni One will supply Seriti's coal mining operations with power via wheeling through the Eskom grid, and is expected to commence commercial operation in 2025.



The project will supply Seriti Resources' coal mines with ~500 GWh of electricity per annum - this represents ~75% of the Group's energy needs and is a significant step in its decarbonisation journey.



This phase will feature 25 turbines, each at a height of between 130 to 140 meters.



A significant portion of the shared grid infrastructure necessary for subsequent Umbilla Emoyeni phases will be constructed during this stage, which will aid in expediting construction timelines.



The remainder of the project is expected to be fully commissioned by 2027, by which time it will provide electricity for the equivalent of ~500,000 South African households.

UMMBILA EMOYENI Economic Development

Long-term development frameworks

The Umbila Emoyeni facility will be providing new opportunities in the Mpumalanga province for significant economic development. The opportunities during the construction period include job creation, skills development, as well as supplier and enterprise development.

With the complete 900MW Umbila Emoyeni facility being constructed in continuous phases over the next 5 years, the construction job and development opportunities will not be the normal short term construction development but will have unique long-term development frameworks.

Job creation

The Phefumula Emoyeni renewable energy facility, which is currently in an advanced stage of development is adjacent to Umbila Emoyeni. Both projects will make up the Seriti Green Mpumalanga Renewable Energy Cluster of 3000MW, which will be focused on Job creation for the youth.

Creating meaningful income generating job opportunities for young people can have a direct positive impact on poverty alleviation, thus benefiting the social development of the province.

Long-term social economic development

Each phase of the Renewable Energy Cluster will have a long-term power purchase agreement (PPA). The operating period for each project unlocks significant long-term funding for social economic development from the start of construction of the Umbila Emoyeni first phase, right through to the anticipated completion of the final Phefumula Emoyeni project in 2030.

Primary areas of focus for our social and economic development funding encompass generating substantial employment opportunities, fostering skill acquisition in nascent industries, and promoting business growth through extensive, long-term mentorship and financial support for enterprises.

Smart Agri Hub

A unique Smart Agri Hub, will be one of the projects that will address most of these challenges discussed above in one unique development project. Agriculture is a large contributor to the economy of Mpumalanga, and this sector provides a large number of jobs as well as many opportunities for much needed small, micro and medium enterprises (SMME) development. New entrants to agriculture or current subsistence farmers wanting to enter into commercial farming are faced with many challenges. These challenges are due to a lack of capital for land or infrastructure, access to agricultural technical knowledge, and much needed support. In addition to this, support and guidance is needed to build resilience to deal with changing weather conditions, failed crops, or fluctuations in market demands.

Many of the current subsistence farmers and new entrants to agriculture do not have practical business knowledge, with little understanding of finance, tax or business governance. The Smart Agri Hub development team acknowledges all the above challenges and has structured a framework and long-term commitment that will provide massive growth opportunity for the development of agricultural entrepreneurial talent in the province.