



## WELCOME TO OUR FIRST COMMUNITY NEWSLETTER!

*We are pleased to introduce ourselves to you and to give you some information about the Loeriesfontein 2 Wind Farm and Khobab Wind Farm, so that you are kept informed of what is happening and how you can get involved.*



### QUICK FACTS ABOUT **THE WIND FARMS**



- The wind farms are located **60km north of Loeriesfontein.**
- The wind farms are situated alongside each other and span a total of **6 653 hectares.**
- The wind farms will be **operating by end December 2017.**
- The wind farms each consist of **61 wind turbines.**
- Once operational, the wind farms will collectively **power approximately 240 000 average homes.**



### PREMIER MEETS **OUR TEAM**

We were thrilled to have the opportunity to meet the Premier of the Northern Cape, during her visit to Loeriesfontein last month. It is well known that the Northern Cape currently houses the lion's share of the country's Renewable Energy Independent Power Producers Programme and that the Premier's office is a firm supporter of the renewable energy industry. This is not surprising, with more than half of the awarded projects situated in this Province.

*"We are well on our way to becoming a net producer of renewable energy to the rest of the country by 2020."*



(L-R) District Mayor of Namakwaland, Bentley Vass, Paul du Toit (Loeriesfontein 2 Wind Farm, site manager), Premier Sylvia Lucas, Leo Quinn (Loeriesfontein 2 Wind Farm, Project Manager) and MEC for Roads and Public Works, Dawid Rooi

The Premier of the Northern Cape, Ms Sylvia Lucas, stated, "We are excited and optimistic about the prospects of renewable energy and we have always supported developments in this sector. The development of the Provincial Renewable Energy Strategy is a manifestation of the fast growing renewable energy and green economy sector in the province. We are well on our way to becoming a net producer of renewable energy to the rest of the country by 2020. Renewable energy is expected to unlock existing potential and to position the province to attract both local and foreign investment and create much needed jobs."

She went further to state, "To keep abreast with the changes and opportunities that the renewable energy sector presents, we need to gear up our learners to develop their knowledge and expertise to contribute to developing the local renewable energy industry. This will assist us to close the skills gap along the clean energy value chain."



## MEET THE TEAM

Allow us to introduce our team who are responsible for bringing the wind farms to your community. Our roles relate to the construction of the plant, health and safety, as well as community relations; ensuring the Loeriesfontein area benefits.



■ **LEO QUINN**  
Project Manager  
Loeriesfontein 2 Wind Farm

As the Project Managers for the construction phase their responsibility is to ensure that the project is delivered on time, on budget and safely. This involves working across all areas of the project; with the site team and technical teams; coordinating the work of the contractors and making sure the project is built to a high standard.



■ **KEVIN FOSTER**  
Project Manager  
Khobab Wind Farm



■ **ERICA vd MERWE**  
Economic Development Manager  
Loeriesfontein 2 Wind Farm

The ED Managers help to ensure that the community is kept up to date to help community members benefit from the wind farm. They will be working hard to develop Economic Development strategies and assist in the implementation of community development initiatives.



■ **NQOBILE SIMELANE**  
Economic Development Manager  
Khobab Wind Farm



■ **PAUL DU TOIT**  
Site Manager  
Loeriesfontein 2 Wind Farm

The Site Managers manage the day to day activities on site to ensure all construction activities are carried out to the correct quality standard, safely and timeously. This involves daily interaction with the contractors and continuous inspection of works.



■ **PIETER DE VILLIERS**  
Site Manager  
Khobab Wind Farm



■ **ANIQAH MISBACH**  
Assistant Project Manager  
Khobab Wind Farm  
Loeriesfontein 2 Wind Farm

The Assistant Project Manager works closely with the project manager and duties include preparing reports, document management and project communications. She works with the whole team across many areas of the project including design, site issues and quality.



■ **PATRICK SOUW**  
Community Liaison Officer  
Khobab Wind Farm  
Loeriesfontein 2 Wind Farm

The Community Liaison officer assists the local community and local businesses to benefit from the wind farms.



■ **THEO VILLET**  
Health and Safety Manager  
Khobab Wind Farm  
Loeriesfontein 2 Wind Farm

The Health, Safety and Environmental Officer's job is to make sure that everyone on the project works safely. This involves inspecting the contractors work on site and making sure that safety is always given priority to ensure a safe working environment for every employee and visitor to the site.



## OUR TEAM WORKS TO UPGRADE SCHOOL HOSTEL

We celebrated Mandela Day, by giving our time and money to upgrade the Loeriesfontein school hostel. We started the refurbishment to coincide with Mandela Day, a day that is all about volunteering and community service. The upgrade included **repairing wall cracks, painting, refurbishing both the interior and exteriors of the wardrobes; and to add extra comfort we bought lovely new colourful bedding, duvets and fitted sheets.** This is part of the wind farms' overall commitment to the children and families of Loeriesfontein and just one of many programmes that will benefit the local community.



We believe that every child needs a good night's rest in order to perform well at school.



## JUNGLE GYM FOR **COMMUNITY SCHOOL**

Mainstream Renewable Power South Africa donated playground equipment to Loeriesfontein Primary School. The Grade R learners received the new jungle gym, an important part of the learner's gross motor skills development programme; as a replacement for the rundown playground apparatus.

The timber jungle gym, costing over R43 000, includes fibreglass slides, various climbing frames, platform areas with roofs, cargo net for clambering, monkey bars, tyre swings under platforms and tunnelling areas.

In addition to replacing the jungle gym, Mainstream recruited three local labourers to assist in the assembling and installation of the jungle gym. Mainstream South Africa is responsible for the development of Loeriesfontein Wind Farm & Khobab Wind Farm.



## BUILDING THE WIND FARMS - **THE STEPS INVOLVED!**

Loeriesfontein 2 Wind Farm and Khobab Wind Farm started construction in May 2015 and are due to be completed by end December 2017.

<p>1 <b>Access Road Construction</b></p>	<p>Approx. 34KM of gravel access roads will be constructed on the project sites. These access roads will allow the wind turbine components to be delivered to each wind turbine location ready for installation.</p>	
<p>2 <b>Foundation Construction</b></p>	<p>A wind turbine foundation will be constructed at each turbine location. Each foundation will be 19m in diameter and will be constructed from concrete and steel. Each base uses over 60 trucks of concrete.</p>	
<p>3 <b>Cabling</b></p>	<p>Electric cables will be buried underground to bring the power from each wind turbine to the project substation.</p>	
<p>4 <b>Substation Construction</b></p>	<p>The cables from the wind turbines will all meet at the substation where the electricity is then transmitted onto one transmission line.</p>	
<p>5 <b>Wind Turbine Delivery</b></p>	<p>Delivery of the turbine parts starts in March 2016 using specialised abnormal load trucks and trailers. Tower sections travel from Atlantis, where they are made. Other components arrive from overseas to a close-by port, and travel by road to Loeriesfontein.</p>	
<p>6 <b>Wind Turbine Parts Laid Out</b></p>	<p>When the turbine parts are delivered they are carefully laid out beside the turbine foundation ready for the cranes to come and begin to erect the wind turbine.</p>	
<p>7 <b>Wind Turbine Erection</b></p>	<p>Two large cranes work together to build each turbine piece by piece.</p>	
<p>8 <b>Completion</b></p>	<p>Once the turbine is built it is commissioned and tested and then finally put into operation.</p>	
<p>9 <b>Operation</b></p>	<p>Once the construction of the wind farms is complete the project will operate for a lifespan of 20 years.</p>	



## HOW WILL THE **LOERIESFONTEIN COMMUNITY** BENEFIT?

We are committed to contributing to sustainable community growth through financial and non-financial community development initiatives. We will do this by **giving back a percentage of total revenue earned to the community**; through Socio-Economic Development; Enterprise Development; and the establishment of a Community Trust.

These initiatives will only start happening in the community after the wind farms have been built and are operational. We are currently in the construction phase and aim to be completed by December 2017.

### Socio-Economic Development and Enterprise

Socio-Economic Development (SED) focus could be on health programmes (HIV and Aids, vulnerable children programmes), infrastructure development, women development, youth upliftment – sports programmes and education support programmes, including; early childhood development, as part of a crèche support programme; as well as numeracy and literacy interventions at a primary school level.

### Enterprise Development

This includes initiatives to assist and accelerate the sustainability of local enterprises and could look at support of emerging farmers in the area or other emerging economic activities.

**The Community Development Trusts**, which own 5% of each of the wind farms, will come into existence through loans; 50% from the Development Bank of South Africa and 50% from Company's Shareholders. The community development trust will, in the initial phase, pay back the loan before the benefits start flowing into the community. The focus will be on Education, Health, Agricultural, Sports and Cultural, and Social Welfare development.



## WHERE DOES THE ELECTRICITY **FROM THE WINDS FARM** GO?

Think of the Eskom grid like an electricity river. The wind farms will contribute to this electricity river; as do other conventional electricity generation plants. Sometimes the electricity will flow from the wind farm into the homes and businesses of Loeriesfontein, and sometimes the electricity flow from the wind farm is diverted to neighbouring towns or cities, or to power the local trains, all depending on where it is needed at each moment in time.



## JOBS AND SKILLS **DEVELOPMENT**

Loeriesfontein 2 Wind Farm & Khobab Wind Farm are already employing many people from the local community of Loeriesfontein and will continue to do so throughout the construction period. The number and type of jobs vary throughout the construction period. All employees will acquire unique skills in areas of wind farm construction. For enquiries please contact the Community Liaison Officer.



## SUPPLIERS

Loeriesfontein 2 Wind Farm & Khobab Wind Farm, together with its contractors aim to procure goods and services locally where possible. Local sub-contractors and suppliers will be selected from a Project database. Businesses wishing to supply goods or services, should contact the Community Liaison Officer to be registered on the Project database.

## CONTACT US

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