



PERDEKRAAL EAST WIND FARM

CREATING OPPORTUNITIES THROUGH CLEAN ENERGY

# 2021 NEWSLETTER

## Perdekraal East Wind Farm Celebrating First Year In Operation!



### SAWEA ENERGY DRIVE

The custom-built EnergyDRIVE truck spent three days in the Witzenberg area, teaching high school learners from Ceres and its neighbouring communities of Nduli and Bella Vista, about the benefits of renewable energy technologies. Perdekraal East Wind Farm also created a unique fully

tall to allow for optimum energy production. The EnergyDRIVE truck has a solar roof structure, biogas digester, photovoltaic panel display unit and a solar water display unit. The EnergyDrive is an ideal way for learners to learn about the benefits and uses of renewable energy technologies.

with climate change," said Jo-Anne Brown, Economic Development Manager at Perdekraal East Wind Farm. Learners from three schools in the area, namely Ceres Secondary School, Bella Vista High School, Lingcinga Zethu High School, were invited to experience this on-site learning experience.

The 2021 EnergyDRIVE started its trip from its base at the Durban University of Technology (DUT) on 1 September and completed its tour three weeks later, having reached hundreds of learners across the country's green energy map.

This was the third tour the edu-vehicle made since its inaugural 2017 trip.

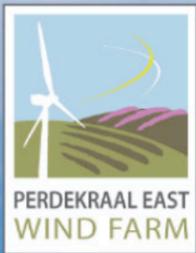
It has already reached almost 3 000 learners, from Grade 9 to 12 and is a result of an excellent partnership between the South African Wind Energy Association (SAWEA) and the DUT, who consider high school learners to be the leaders and decision makers of the future.

**"The container features attractive interactive demonstration models, which assist with understanding a range of renewable technologies, raises awareness of renewable power resources."**

funded opportunity for learners to visit their local wind farm and experience the technology up close. The wind farm produces 110MW wind energy and comprise of forty-eight (48) wind turbines that stand 115m

"The container features attractive interactive demonstration models, which assists with understanding a range of renewable technologies, raises awareness of renewable power resources as well as addressing the important issues associated





## CREATING OPPORTUNITIES THROUGH CLEAN ENERGY

### HOME BASE CARE

The need for young caregivers in the Witzenberg municipal area motivated Mrs. Coetzee, founder and principal of Vrolike Vinkies Pre-Primary Educare Centre, to start a Home Based Care Training project.

Coetzee approached Perdekraal East Wind Farm to assist her with funding for this initiative. Twelve youth from the communities of Ceres, Nduli, Bella Vista and Prince Alfred Hamlet, completed a Home Base Care SETA accredited

course through a local service provider, Gratia ViaAcademy. The learners attended classes three days a week for three months. The minimum qualification to enrol for this course is Grade 9.

The twelve learners started their theory on 7 June 2021 at the Vrolike Vinkies Educare Centre and completed it on 15 September 2021.

Coetzee said it is a privilege for the community to have twelve young people who can assist to reduce the health risk in the communities. The Home

**“This course has been a huge success and such an opportunity never occurred before. Private courses are very expensive and parents do not always have the means to pay for their children.”**



Base Care course has been a huge success for our community and such an opportunity has never occurred in our area.

Private courses are very expensive and parents do

not always have the means to pay for their children. We are grateful to Perdekraal East Wind Farm who made it possible for our youth to obtain the qualification for free.

### VEGETABLE GARDENS DELIVER



The community around Oppie Koppie Crèche in Prince Alfred Hamlet is one of eleven beneficiaries from vegetable gardens.

The crèche has successfully incorporated the vegetable garden programme into its curriculum, allowing young children to learn, and reap enjoyment from their own food garden.

Not only are the children involved with the planting and watering of the garden they are also tasked with the

responsibility to assist with the cleaning and maintenance of the patch. Through this process they have learned how to take care of themselves and the importance of water to plants, animals and humans.

Healthy lifestyles and nutrition are also incorporated into their curriculum.

The broader communities also benefit from this project. The harvested produce, which includes spinach, beetroot, broccoli, pumpkins, cabbage, green peas, squashes,

butternut and tomatoes, are used in the community soup kitchen for the crèche’s daily meals. The surplus is sold within the community.

Welmina Baird, principal of Oppie Koppie Crèche, believes the secret to their success story “is a passion for what you do, and the participation and support received from a dedicated team”.

She added that the children have learned how seemingly unproductive land can deliver a harvest through dedication,

love and teamwork.

Perdekraal East Wind Farm funded eleven sustainable vegetable gardens in collaboration with the Department of Agriculture - whose support includes the induction and orientation process at the inception of the programme.

Through engagements with the Western Cape Education Department, the Cape Wine-lands District Office ascertained the gap in the curriculum on Agriculture Technology in the Witzenberg area. The issue is addressed through this partnership in the long term through the cultivation of a love for agriculture from a young age.

The vegetable garden programme also assisted with the placement of 50 agricultural students from the Western Cape Community and Training College in Elsie’s River, Cape

Town. The students were able to gain practical exposure and the vegetable gardens benefited from their invaluable knowledge and assistance. Jo-Anne Brown, Economic Development Manager at Perdekraal-East-Wind

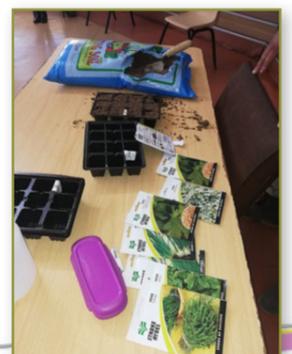
Farm, said one of the driving elements of the project is the help and support that the experienced coordinators, who are qualified in the field of agriculture, provided to the vegetable garden during their weekly visits.

**“The Crèche has successfully incorporated the food garden programme funded by Perdekraal East Wind Farm.”**



### HUIS PIETER STRAUSS RECEIVES GARDEN TRAINING

Gardening training were successfully given to the elderly at Huis Pieter Strauss by a garden expert. The residents at the old age home were informed about different plants, seeds, soil types and how to care for the plants. Huis Pieter Strauss grows their own seedlings and are selling to potential buyers. The elderly enjoyed all the sessions tremendously.





## CREATING OPPORTUNITIES THROUGH CLEAN ENERGY

### HEYMATH! AND SCIENCE PROGRAMME

The programme is designed to improve the learners intellectual academic skills to pursue a career specifically in Engineering and other career paths, as the renewable energy sector is growing and great opportunities exist, Perdekraal East Wind Farm brought the HeyMath!

programme to nine schools in the Cape Winelands District, Western Cape.

This mathematics and physical science programme is brought to the schools through Sankhya Learning SA (Pty) Ltd. The core objective of the HeyMath! programme is



increasing learner participation in mathematics by strengthening the foundation for Grade 7 and 8 learners in the participating schools, to build confidence in gateway topics such as algebra.

It also helps to improve the quality of pass rates for learn-

ers in the participating schools, by making examination preparatory courses available on mobile devices to all grade 10 to 12 learners.

The programme is also designed to enhance usage monitoring and support for educators by providing all

teachers and learners with Apps for monitoring and improving usage of HeyMaths! and HeyScience software.

This programme, that was launched in May 2021, supported 4 164 learners and 97 teachers at primary and high school level.

**The programme provides all stakeholders with Apps for monitoring and improving usage of HeyMath! and HeyScience software in participating schools.**

### PARTNERS FOR POSSIBILITY

#### Project bolsters school leaders

With online teaching becoming a priority in the Covid-19 pandemic period, Perdekraal East Wind Farm partnered with the Western Cape Education Department (Cape Winelands District) to support school principals in a time when leadership is vital.

said Jo-Anne Brown, economic development manager at Perdekraal East Wind Farm.

Nduli Primary School principal Fezeka Lethunya, said the programme is helping to develop her leadership capacity in an under-resourced and consequently underperforming

business leaders the programme prepares principals by equipping them with the skills and knowledge to lead change and mobilise communities around their schools during this time of Covid-19.

"The programme is all about creating collaboration and harnessing the strengths of people that are willing to work together for enrichment and the benefit of education," Brown added.

"Knowledge and skills are obtained through training, and one-on-one interaction between principal and business partner as well as group discussion, and these are then taken back to the school community for implementation."

It works by asking partners to effect change collaboratively at four levels in the school environment which includes the school principals; the school management teams; teachers; as well as parents and

school. "The skills and knowledge I will gain from this partnership will help me involve parents in the education of their children. The partnership will also help us as principals to share best practices and

This one-year education leadership programme, is named "Partners for Possibility Leadership Development & Principal Support Programme", and is being rolled out at 10 schools in the Ceres communities -

**"The programme is all about creating collaboration and harnessing the strengths of people that are willing to work together for enrichment and the benefit of education."**

Nduli/Vredebes, Bella Vista and Prince Alfred Hamlet.

The need for robust leadership in education has been highlighted in the difficult Covid-19 pandemic period as many community-based learners were less likely to have access to remote online teaching,

build unity, which is needed in our schools." The programme engages business leaders in a challenging hands-on experience within an educational environment that is fraught with complex challenges that requires skilled leadership. Through partnership with the

community. "This programme focuses on the ABCD principles, which have been embraced in communities in the Witzenberg area," said Brown. "It is based on different sectors coming together to work at a common goal, by leveraging each others strengths."

### CAREER BOOKLET HELP LEARNERS

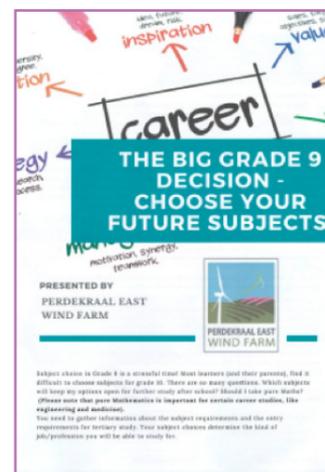


The career day hosted by Cape Career Expo Association brings awareness to the students on different Higher Education Institutions that can be accessed.

The purpose of the booklets for the Grade 12 learners is to ensure that they have access to information pertaining to university, bursaries, and if they do not want to pursue higher education, there are various other career opportunities they can pursue.

Perdekraal East Wind Farm distributed the booklets to three schools in the area, namely Ceres Secondary School, Bella Vista High School, Ingcinga Zethu High School. A pamphlet with

contains infographics of the different subject choices linked to the careers, was part of the information provided. This will especially help Grade 9 learners to ensure that they understand the long-term impact of the subjects they choose in Grade 10.





CREATING OPPORTUNITIES THROUGH CLEAN ENERGY

## PERDEKRAAL EAST WIND FARM GRANTS MAKE DREAMS A REALITY

### SINGERS OF GOD



Two choirs groups, from Nduli and Bella Vista, already started to reap the success of uplifting youth in their communities with instrumental training and the opportunity to be part of the music family. This is all made possible with funding from Perdekraal East Wind Farm. The Singers of God from Nduli were able to purchase uniforms which they wore on September 24 and 25 in Gauteng, when they were shooting a TV programme.

They were also able to invite two musical artists that assisted the choir before they went to Johannesburg. They were also able to recruit more people to the choir and expanded outside Ceres by opening a new branch at Chris Hani location, Tulbagh. The Messenger music group used their funding to procure musical instruments and equipment. The group are busy recording a third CD and have a Youtube channel with

### MESSENGERS



a significant amount of followers. They hosted a few functions and donated funds towards catering for a matric farewell. The Messengers is able to do more live shows on their Facebook page, reach out more to the youth and also recorded a video for Women's Month. The Messenger music group was established in 2015 by two youths in the community which later became a full group of young talented singers and musicians. Their vision

is to attract local music talent, train and expose them to the music industry. The ultimate goal is to empower them to do a recording and be able to sell it for profit. They focus on keeping children busy providing musical training sessions and to pursue a career in music, understanding musical instruments, and reading music notes. The groups are adamant that without the grant from Perdekraal East Wind Farm, they wouldn't have achieved all this success!

## RIEDAS CREATIONS



Many small businesses had to close their doors due to the Covid-19 pandemic.

Riedas Creations Pty (Ltd) however managed to stay afloat with much needed funding from Perdekraal East Wind Farm.

Due to the lack of customers during the Covid-19 period resulted in a shortage of funds to pay expenses. Farieda Isaacs, owner of Riedas Creations, said with the funding from Perdekraal

East Wind Farm, she could definitely see a huge improvement in her capabilities.

"I have been thinking outside of the box for ideas to make customers happy".

Since I received the funds on 30 June 2021, my progress has been phenomenal.

"I immediately started with purchases since I had already knew what I wanted to do with the funds."

Riedas Creation

bought three wedding dresses, material and accessories to create a fourth one.

She also acquired other much needed tools for her trade.

"The fact that she now has the material to produce quality clothing pieces is great!"

Isaacs thanked Perdekraal East Wind Farm for bringing hope and assisting her to show other young women that it is possible for them to pursue their dreams.



## WANGANELLA PRIMARY SCHOOL



Wanganella DRC Primary School, situated in the Karoo, purchased rain jackets for its 160 learners with funding received from Perdekraal East Wind Farm. "The principal of the

school stated: "The funding played a huge role in changing the circumstances of the pupils, who are all children of farmworkers. It resulted in better school attendance during winter,

when it is compared to previous years. It was also a huge moral booster for both the learners and their parents.

The beam of light, which Perdekraal East Wind Farm

brought, also had a positive impact on the parents' relationship and participation with the school and their children. THANK YOU PERDEKRAAL EAST WIND FARM!!!

## BIG BITE ROADHOUSE



Grants from the Perdekraal East Wind Farm have significantly contributed to the recent growth and success experienced by Big Bite Roadhouse, even though there were also challenges.

Breyton Benjamin says, more research on techniques and building material are needed.

There are also plans to grow microgreens for top restaurants.

A horticultural light was purchased and they are looking for less expensive material from other suppliers. Additionally, the business is investigating how to extend growing seasons,

which will include the acquisition of more varieties and also look at the different modes of transportation for their products.

With regards to products, research will be done into packaging and brand design, along with that a person will be employed on a part-time basis.

The company is now looking at using Seeds for Africa as a seed supplier as it's critical to choose good strains, in order to get quality products. Big Bite is looking into expanding in the near future, as there are potential opportunities for growth.



## BASIC BUSINESS SKILLS TRAINING

Twenty SMME's in the partnering community received Basic Business Training, through JLK Business Consulting.

It is of utmost importance that these entities are empowered with the necessary skills by the project company to ensure that funds are managed effectively.

JLK Business Consulting has years of experience in business development.

The Basic Business Skills training course will cover several subjects. There must be an understanding of entrepreneurship and what



business language is. Course attendees will learn how to analyse and select viable business opportunities.

Their knowledge on how to conduct market research for a new venture will be expanded.

They will also gain more insight into knowing,

interpreting and analysing financial statements. It is also crucial to understand the importance of business administration and record keeping techniques to promote products and services of the business.

The course entails demonstration of knowledge and

marketing concepts, which are applicable to a new venture. In addition to the course covered how to identify and analyse internal and external factors, that have an impact on pricing decisions. The roles and responsibilities of company directors are also been elaborated on.