

# Mining CSI

Local Economic Developments by Mines

Volume 9 • 2014



## KHANYISILE KWEYAMA

Vice President, Chamber of Mines speaking at Mining Lekgotla 2013

Deputy President, Cyril Ramaphosa  
hard at work for Mandela Day

### ALSO IN THIS ISSUE:

**SIBANYE GOLD**, Combating Employee Indebtedness

**CITY OF JOBURG**, Invites companies to invest in Gauteng

**ANGLOGOLD ASHANTI**, Delivers on Social & Labour Plan Projects

**DMR**, Meet the new Minister, Adv. Ngoako Ramatlhodi



20  
Years  
of Democracy



## BUILDING ON THE CONTRIBUTION OF MINING SINCE THE ADVENT OF DEMOCRACY

THE PAST WE ACKNOWLEDGE AND THE FUTURE WE BUILD TOGETHER

13<sup>th</sup> and 14<sup>th</sup> August 2014 at Gallagher Estate



**MiningLekgotla**

A PURPOSEFUL MINING COMPASS | 2014

### Dear Delegate

The Department of Mineral Resources, the Chamber of Mines and the National Union of Mineworkers will be hosting the Mining Lekgotla 2014 on the 13-14 August at Gallagher Estate, Johannesburg. The 2014 Lekgotla convenes with the backdrop of the country's celebration of 20 years of Democracy.

This year's dialogue will reflect on what the sector has achieved in the past 20 years of democracy and craft a way forward on how the sector could, as a key driver for economic growth in the National Development Plan, continue to stimulate economic growth in the country.

As the Regulator we have partnered with both business and labour to ensure that as stakeholders we share views and commit to a common and mutual vision. We indeed look forward to engaging with you as our programme promises to deliver knowledgeable and experienced captains of industry nationally and internationally.

Adv Ngoako Ramatlhodi  
Minister of Mineral Resources



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[www.mininglekgotla.co.za](http://www.mininglekgotla.co.za)

## Themes for the 2014 Lekgotla

- TRANSFORMATION: THE KEY TO THE FUTURE
- HOW HAS THE INDUSTRY PERFORMED IN TERMS OF WOMEN DEVELOPMENT IN THE SECTOR?
- MINING COMMUNITY DEVELOPMENT
- AFRICA'S MINING VISION
- INFRASTRUCTURE FOR MINING AND INDUSTRIALISATION
- INDUSTRIALISATION - TOWARDS ENHANCING BENEFICIATION
- SOUTH AFRICA'S MINING POLICY INTO THE FUTURE

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It is that time of the year again. The Chamber of Mines, in association with the Department of Mineral Resources and The National Union of Mineworkers, will jointly host the Mining Lekgotla Conference in mid-August at Gallagher Estate. The conference comes at a very important time in the country's mining history: It takes place just after the five month long AMCU strike. The conference seeks to confront transformation and labour challenges in the mining industry, while also celebrating 20 years of democracy.

It is great to see companies going an extra mile to care for their employee's financial wellbeing. Sibanye Gold has introduced an innovative way to combat indebtedness amongst its employees. From February 2014 the company has launched an initiative called "Care for Imali" in order to combat financial illiteracy amongst its employees. Read the full story on page 24.

City of Joburg Municipality, traditionally the largest beneficiary of the mining industry in South Africa and the continent, is building new business relationship with some of the biggest national and international companies. These companies include Massmart, Tsogo Sun Hotel Chains, Bidvest and many more. The City of Joburg, led by its dynamic director Mr Reginald Pholo



and his team, aims to attract more investment to Gauteng Province. Read more on page 8 -10.

Who would have thought that mine dumps could be turned into paper? Professor Gunter Pauli, the author of Blue Economy has done it in China and intends to see it realized in South Africa. The Maphungubwe Institute (MISTRA) and South African Reserve Bank hosted an event where Professor Gunter Pauli presented this challenge to the South African Mining industry and the government. Can one imagine what huge impact this could make for South Africa in terms of environmental rehabilitation, job creation, and economic growth if we can get our mines tailing dams to be converted into a useable recyclable stone paper? Read this fascinating story on page 28.

We also profile the Department of Mineral Resources new minister, Advocate Ngoako Ramatlhodi. We wish him all the best in taking the mining industry forward as one of the leading industries in terms of economic growth and job creation.

Mining CSI's Managing Editor was also privileged to be invited by the Presidency's Office to spend Mandela Day in Mahikeng with Deputy President, Cyril Ramaphosa, Cogta Minister, Pravin Gordhan, Water and Sanitation Minister, Nomvula Mokonyane and the Premier of North West, Supra Mahumapelo. The Transport to Mahikeng was sponsored by BMW, Joburg City Auto, also a sponsor of our Mandela day (see page 20 – 22).

Mining CSI is also happy to be a partner of the three biggest mining conferences in South Africa, namely Mining Lekgotla, Joburg Indaba and Mining Indaba. So don't forget to register for these conferences! The dates are: Mining Lekgotla scheduled for 13 and 14 August 2014, Joburg Indaba on 8 & 9 October 2014 and Mining Indaba on 9 to 12 February 2015.

Enjoy the magazine!

*Moses Sibuya*

Managing Editor

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PROFILE OF  
*Mbuso Khambule*  
TRAINEE GRADUATE: ECOLOGY, TECHNICAL DEPARTMENT



**R**ichards Bay Minerals (RBM) has a vision: “To make a difference in our world by creating a brighter future. It is this goal that drives our interactions with people and the environment. We are mindful to conduct our business not just with passion, but with compassion too. By creating a positive impact, we believe success is a given.” It might be RBM’s vision, but the view belongs to all of us.

RBM trainee graduate in ecology, Mbuso Khambule, has become an embodiment of this vision. Coming from a poor background and having lost his father at a young age, Mbuso has worked hard to break the cycle of poverty. His own vision is an inspiration: “My driving passion is loving, developing, sustaining, and being yourself wherever you are, hoping, learning and teaching. I’m motivated by great people who failed but never gave up. I learned that giving up is failing... I will never let my background put my back on the

ground, but I will strive in every challenge and help will come on the way...”

Mbuso, now 25, completed his primary education in the small town of Piet Retief in Mpumalanga. In 2002 Mbuso, his mother and seven siblings moved to the Richards Bay area in KwaZulu-Natal in a bid to find employment and a better education. The move bore fruit for Mbuso who attended Ndlabeyilandula High School at KwaMbonambi, near Richards Bay, which is an RBM-sponsored school. Partnerships between RBM and several schools in the area have seen a focus on providing quality education through annual donations made to partnership schools. Rural schools have been renovated and upgraded and hundreds of new classrooms have been built. RBM has invested more than R154 million on infrastructure and funding educational programmes at rural schools.

“From there I was selected to take part in RBM’s Bambisanani programme, which is aimed at grooming local learners with potential in Maths and Science,” says Mbuso. The Bambisanani Learning Community Programme is also located close to RBM’s host communities and is a partnership between RBM, the KwaZulu-Natal Department of Education and Grantleigh Schools. The partnership led to the construction of a futuristic building (for which RBM provided the largest portion of funding) containing four Maths classrooms, two Science laboratories, an experiment room and a 150-seat auditorium for teacher training and conferences. It is here that Mbuso honed his skills in SA’s much-needed subjects of Maths and Science, which qualified him for an RBM bursary. Each year the minerals company, which is managed by Rio Tinto, takes on four to eight new bursars and supports them during their studies.

Mbuso says that, as a young boy growing up he wanted to be a quantity surveyor, or maybe do art and Psychology, “but as I met different professionals I realised that I enjoy Biology, geography and nature”.

“This turned me completely to ecology. I was also motivated by Michelle Boshoff (an RBM ecologist at the time) when we had a school project in 2008 to investigate pollution and environmental management in our local communities. As Michelle was explaining things to us I just fell more in love with Ecology and Environmental Management.” Mbuso’s dream came true. He is currently working for the Manager: Environment, which is nobody else, than Michelle Boshoff.

In the end Mbuso settled on studying for his BSc in Ecological Sciences at the University of KwaZulu-Natal at both Westville and Pietermaritzburg campuses, majoring in Biology and Environmental Sciences. “It was very hard in the beginning because I had no full sponsor and I spent a couple of nights with an empty stomach. Yet it was also nice because I met good people who are still my friends and mentors today. People who guided me and believed in me, making a

***My driving passion is loving, developing, sustaining, and being yourself wherever you are, hoping, learning and teaching. I’m motivated by great people who failed but never gave up.***

difference in my life and the community,” Mbuso says of his experience at university. “I learned to be a lone soldier in the university because you need to stand up for yourself, work your way up, organise yourself, push regardless of opposing forces and never forget where you come from. That helped me a lot in gaining self-esteem and confidence.”

Once they have successfully completed their studies, RBM bursary holders are taken on as graduates-in-training and required to work for RBM for the same number of years for which their studies were financed.



Today, as an Ecological Graduate Trainee at RBM, Mbuso’s role is to assist the Ecologist and Environmental team with environmental reports (seven environmental impact assessment projects are currently underway at Zulti North and Zulti South for the group’s Inhlansi Project), audits, inspections, scientific studies at the company’s award-winning dune rehabilitation programme, alien weed control, environmental education in RBM’s host community, environmental forums, environmental training for new employees, and environmental incident inspection and management. RBM seeks to build robust relationships with its communities and to contribute to their long-

term sustainability. Mbuso's work does just that.

Describing his typical day at the "office", Mbuso says: "I have a privilege to work both at the mine (ecology office) and the smelter complex (main lab building). I spend two days at the mine and three days at the smelting & processing site. At the mine I sit with Theresia Ott (the Ecology and Rehabilitation Superintendent) and Vusi Ximba (the Ecology and Rehabilitation Supervisor). It is here where we focus mostly on rehabilitation and ecology. In the morning I start by doing certain risk assessment tasks and read my e-mails, compile monthly environmental reports and presentations, attend meetings and toolbox talks, visits local schools for environmental education, do scientific research, help the environmental monitoring team with water-level and quality-sample collections, check for environmental burning issues and assist the



ecologist and the environmentalist with various things including environmental audits. The most important thing that I enjoy about my job is that I don't sit in the office the whole day but I also go out and have fun in the field.

"One thing that I always do is to run up and down asking Teri, Nelisa Dladla and Nick Okello(both hold the title of Specialist: Environmental scientist) questions because they seem to know everything. These are the people that make my day at work fun and exciting. Where rehabilitation is concerned I always bother Vusi and the team with many questions because my aim is to understand everything concerning the environment,

***Unsurprisingly, Mbuso has become a positive role-model for many young members of the local communities in and surrounding Richards Bay. He is the personification of what is possible given hope, hard work, self-belief and faith. His advice to the young people who admire him is sound and it is this: "Go and study, follow your dream.***

especially the rehabilitation management systems and, of course, safety."

But this remarkable young man also keeps himself extremely busy on weekends: "I am a family man. I lost my father when I was very young so I make sure that I spend most of my time with my mom and siblings since I'm fulfilling my father's role at home. I have a nice garden and on the weekends I get enough time to nurture it and enjoy it. I also spend much of my time at church, leading youth and bible studies.

"We have a project where we gather food parcels for the needy and supply them as we can.

I also help learners with their school projects, homework and studying for exams. Otherwise I spend my time with my local soccer team, Zululand Thunders, playing in the Super League. I go out a lot with my friends for shopping, movies and braais."

Unsurprisingly, Mbuso has become a positive role-model for many young members of the local communities in and surrounding Richards Bay. He is the personification of what is possible given hope, hard work, self-belief and faith. His advice to the young people who admire him is sound and it is this: "Go and study, follow your dream. There are bursary schemes outside waiting to fund your studies. Don't lean too much on your parents for your future because you are the owner of your future. If you don't work for it today, it will not pay you tomorrow."

"One of my own quotes is, 'Only FNB will ask you - How can we help you? But not life. Therefore go and search for help. Help is waiting for you out there.'" he concludes. ♦



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**INTERVIEW WITH THE DIRECTOR – TRADE AND INVESTMENT PROMOTION, CITY OF JOBURG AT THE LAUNCH OF CITY OF JOBURG - MASSMART EXHIBITION JUNE 2014, BRYANSTON**

*Reginald Pholo*

*Mr Reginald Pholo, Director: "Trade and Investment Promotion, City of Joburg".*

Since the first gold rush and establishment of Johannesburg in 1886, South Africa's biggest city has become synonymous with the mining industry. The natural wealth of the area became the cause of riches and poverty, war and peace alike. Today Johannesburg retains its stature as a city of importance. Its success, however, extends far beyond its mineral history. Being at the centre of South Africa's smallest but richest province Gauteng, everything Johannesburg does, has an impact on the country.

Exciting things are happening in Johannesburg. New partnerships between large companies and the local government are giving rise to opportunities for SMMEs like never before. Mining CSI speaks to Mr. Reginald Pholo,

the Director: Trade and Investment Promotion of the City of Joburg at the launch of Supplier Development Exhibition hosted by the City of Johannesburg's Department of Economic Development in partnership with Massmart in June 2014 at Bryanston.



***Elizabeth Thabethe (in the middle) deputy minister of Small Business Development***

**Mining CSI:** Your cooperation with Massmart is an incredible opportunity for small, local businesses. You must be very proud and excited.

**Mr Pholo:** This is indeed a project we are very proud of, both the City of Jo'burg and the chief executive of Massmart. This is also something we want to do on an annual basis. What I like about this type of cooperation, is the fact that it is targeted and structured. It is unique because of its focus on business people. No policy talks, just business. We want our people to be able to make money.

**Mining CSI:** It may be only the starting phase, but do you have any success stories yet?

**Mr Pholo:** We do. Massmart identified one of our SMME's and gave them a contract of R38 million over

***We are also very excited about cooperation between the City of Joburg, Massmart, Tsogo Sun, Bidvest foods, Woolworths and Superstores. We also have SEDA assisting us with product development.***

the next five years. At a recent event we have organized about ten major buyers to purchase anything from hardware to food products from local businesses. This is exciting, because it shows how effective partnerships with the local government and the private sector can work. For all the big deals done here, at least 30% will be sourced locally.

**Mining CSI:** Are there any more similar projects in the pipeline?

**Mr Pholo:** Yes, we are also very excited about cooperation between the City of Joburg, Massmart, Tsogo Sun, Bidvest foods, Woolworths and Superstores. We also have SEDA assisting us with product development. And it won't stop there.

**Mining CSI:** As any entrepreneur will know, cash flow is always a problem. Is there anything that the City of Joburg and its partners can do to assist these SMME's to be paid sooner?

**Mr Pholo:** We have negotiated with some of the large companies to reduce the waiting time for

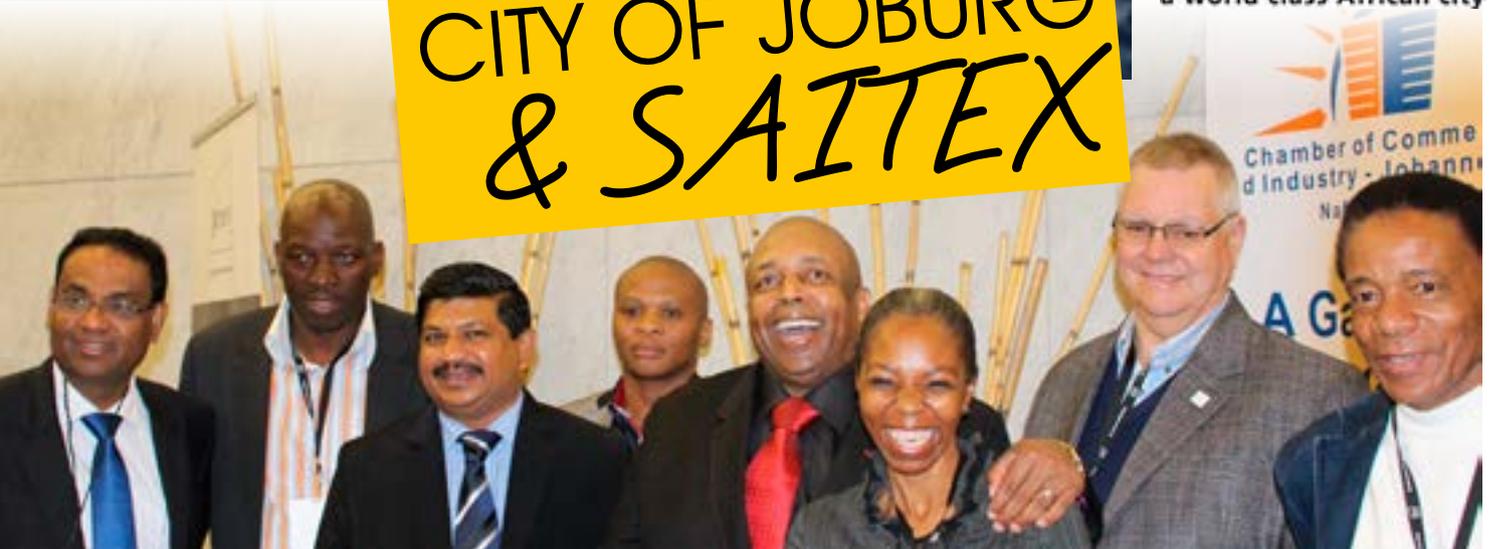


payments made to the SMMEs and the result was very positive. Companies have reduced their payment periods from between three and six months, to 15 days. As long as our SMMEs can comply with all the requirements, the private sector will bend backwards to ensure that the entrepreneurs are paid on time. Even the city of Joburg reduced its payment time to 30 days. ♦



# CITY OF JOBURG & SAITEX

a world class African city



This city is the engine of the country's growth and is widely regarded as the powerhouse of Southern Africa. The City of Johannesburg municipality through the Department of Economic Development is committed to shaping a more sustainable city economy and boost long-term city revenues. Amongst other interventions, the city intends to shift towards increased localization of production and increased connectivity within the rest of Africa, primarily through increased trade and investment linkages. The start of the 2014/2015 financial years will see a massive budget in excess of R10 billion, as part of the R110 billion spend over a ten year period of which 30% is earmarked for Infrastructure development and 70% for socio-economic development of Gauteng.

focusing on a variety of sectors from services to value added goods. In 2013 City of Joburg and its exhibitors generated business worth more than R5 billion and SAITEX itself made R79 million worth of business.

The 2014 edition of SAITEX marks its 21st year in existence. For over two decades the Southern African International Trade Exhibition has delivered solid results for all its participants; it has introduced literally thousands of companies into African markets, spanned countless business ventures and contributed to the bottom line of many an established company. The city, the province and the country have benefited to the tune of tens of millions of Rand as more than 16 000 local and foreign buyers and sellers converge on Johannesburg every year. ♦

To this end, the city has embarked on various strategies and tactics as well as programmes such as Buy Sell Invest and Visit Joburg, and the annual Southern African International Trade Exhibition (SAITEX). This prestigious event targets buyers and international traders from 50 countries,



**Londeka Ntjoboko** Acting Assistant Director Trade Promotion and Development, City of Joburg as the face behind the curtain. She was responsible for the logistics and arrangement of the entire events namely Massmart Supplier Development Programme and matchmaking with 10 buyers from Massmart. She also arranged and managed the whole Massmart and SAITEX Trade Exhibition as well as the Joburg - Sri Lanka Youth Business Seminar.



## Meet the Minister

# Ngoako Ramatlhodi

The new minister of Minerals Resources, has been appointed on 25 May 2014.

### Qualifications:

- From 1977 to 1979, adv. Ramatlhodi was enrolled for post matriculation studies at the University of the North.
- In 1984, he completed a Bachelor of Jurisprudence (B Juris) at the National University of Lesotho.
- He also obtained a Bachelor of Law (LLB) from the National University of Lesotho in 1986.
- In 1988 he completed a Master of Science (MSc) in International Relations from the University of Zimbabwe.
- He was also admitted to the Bar of Lesotho as an Advocate in 1997; then admitted to the Bar of South Africa in 2009 and also awarded an Honorary Doctor of Law Degree by the University of Limpopo.

As a student, adv. Ramatlhodi was involved in various activities, including the following:

- Participated in many student activities while at the University of the North (1977-1979).
- Founder member and first Chairman of the University of the North Arts and Drama Association.
- Chairman of the Central Cultural Committee (which served as the students' only voice after the banning of the Students' Representative Council (SRC)).
- Founder member of the Azanian Students' Organization (AZASO), later known as South African Students' Congress (SASCO).

After going into exile in 1980, he continued his studies in Lesotho, but remained involved in various student activities:

- Second Secretary for the Committee of Action and Solidarity for South African Students (COSSAS) (1981- 1983).
- Secretary for Public and Foreign Affairs of the National University of Lesotho (NUL) Students' Council (SRC). Responsible for liaison with external organizations, issuing statements on behalf of the SRC-coordinating public functions. Also member of the national University of Lesotho Admissions Committee (1982- 1983).
- President of the National University of Lesotho SRC (1983- 1984).

After finishing his studies, his career took an interesting turn. He was privileged to work with former ANC leader Oliver Tambo and former president Nelson Mandela:

- Re-called to Zambia to become Political Secretary and Speech Writer to the then ANC President Oliver Tambo. In this capacity he served as the Secretary of the ANC Control Commission, a body responsible for the coordination of the entire liberation movement's activities and served former President Nelson Mandela in the same capacity (1990- 1992).
- Returned to South Africa in June 1991.
- Premier of Limpopo Province for two full terms (May 1994 - 22 April 2004).
- He served as a member of the Judicial Service Commission (JSC) from 2010 to date. ♦

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Our business philosophy recognises that we exist within the context of a society and have a contribution to make to the development of this society. Our business development and growth efforts therefore balance a portfolio of social, environment and economic objectives. Since Exxaro's inception in 2006, we have returned more than R4 billion in dividends to our shareholders; paid out nearly R1 billion to over 9 000 participants in our employee share scheme, spent more than R21 billion with black suppliers and invested more than R300 million in social and economic development initiatives creating more than 670 jobs and indirectly benefiting over 11 400 people.

A recent analysis of 21 of our social investment initiatives has drawn a clear picture of the true impact of our CSI efforts. Conducted by KPMG, the study analysed Exxaro's investment in Rand value plus time spent by the development team, compared with the value of the benefits derived. The results offer insight into the common themes across projects that are thriving, as well as those that are struggling to achieve their objectives. The results show that Exxaro achieved an overall weighted average Social Return on Investment of R1,32 for every R1 invested.

Successful enterprise development projects include the Siyathuthuka Butterfield Bakery in Emakhazeni in Mpumalanga and the Boitlamo Brickmaking project at Lephalale in Limpopo which was started by graduates of our Mogolo Skills Academy.

The quality of South Africa's Maths and Science education, in particular, urgently needs to be addressed to support our national growth and development goals. Exxaro's vision is to raise the quality of education at schools closest to our mining operations and/or areas of strategic importance. Our education initiatives include the Glisa Saturday School at Belfast near our NBC mine, which has seen Grade 12 pass rates rise from 40% to 74% since it started; the Lephalale Whole School Development and our Delmas Schools Project which supports teacher training and learner revision sessions at five secondary schools.

We also aim to generate new non-mining economic opportunities and see agriculture as a means to create employment, alleviate poverty and improve food security.

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Beauty Simelane and her enthusiastic co-workers are congratulated by Ward 18 Councillor, Irene Tshwala and Neli Mahalangu.

**K**usile Bakery, at the HEDC Centre in Mhluzi, is back in business, thanks to the foresight of community member and entrepreneur, Beauty Simelane.

Beauty and her six staff members are working hard to keep up with confectionery orders and demand is growing for the delicious food they produce.

The bakery is situated on land owned by the municipality and is a private public collaboration between Steve Tshwete Local Municipality and Shanduka Coal.

Shanduka assisted the previous start-up with the supply of stoves, a roller and a proofer, while Beauty funded additional equipment and stock for the bakery.

The busy bakery runs two shifts, midnight till

7am, when the confectionery is baked and from 7am till noon when muffins, vetkoek, buns and biscuits are distributed and delivered to clients.

“We supply tucks hops, street vendors and businesses in the industrial area, clinics and hospitals, as well as big customers, such as Shanduka Coal, BHP Billiton, Steve Tshwete Municipality and Nkangala District Municipality.”

Beauty also received accreditation to train budding confectioners and bakers, who, once they receive their accreditation, can further their skills in in-store bakeries, restaurants and hotels.

“I am very excited by the fact that housewives can earn money as street vendors by

buying in bulk at wholesale prices and selling vetkoek and other confectionery to people on their way to work. It is a good job opportunity without the added cost of buying ingredients and fuel to bake.”

Beauty is already thinking ahead and plans to expand her confectionery range and start baking bread for her expanding clientele.



**Steve Tshwete**  
*Local Municipality*

[www.stevetshwetelm.gov.za](http://www.stevetshwetelm.gov.za)

# OUR LEGACY OF EXCELLENCE AND ACHIEVEMENTS



**Steve Tshwete**  
*Local Municipality*



*"I would like to thank my predecessors for their selfless dedication in transforming STLM into the sterling example that others can emulate"*

**EXECUTIVE MAYOR, MIKE MASINA**

Steve Tshwete Local Municipality is a progressive, innovative and thriving municipality with world-class infrastructure that has seen it become one of South Africa's leading municipalities. It is situated in Mpumalanga with Middelburg as its seat.

Because of its excellent governance, the municipality has seen a 100% payment rate by residents. This has enabled STLM to render services of the highest quality and provide free services to more than 15 000 indigent households.

With over 221 000 inhabitants and a municipal area that covers approximately 3 993 square kilometres, STLM has grown substantially since 1994.

From 2002 to 2008, STLM received unqualified audit opinions. Since the advent of clean audit status in 2008, the municipality has, in each of the subsequent years, succeeded in obtaining clean audits.

Due to clean governance, STLM has been the proud recipient of multiple Vuna Awards since 2003.

STLM can now proudly say that it has transformed rapidly into a community-friendly municipality. This is due to successful racial integration into former white areas.

Business is expanding in STLM, which is home to the largest Stainless Steel plant in the country, many coal mines and three Eskom Power Stations. These industries have attracted many other subsidiary industries relating to the mining sector, with business also booming in the transport and retail sectors.

The municipality enjoys a healthy relationship with business and industry that has seen successful combined community projects.

## Our Awards

Through co-operation between councillors, officials and the community, the municipality achieved the following awards and nominations as we celebrate 20 years of democracy.

## Clean Audit

The municipality received clean audits for four consecutive years, one of only a few municipalities in South Africa to have achieved this.

## Vuna Awards



- 2008 - Provincial Champion
- 2007 - National KPA Financial Viability
- 2007 - National, First runner-up
- 2007 - Mpumalanga Provincial Champion

2006 - National Project Consolidate Champion

2006 - Provincial Champion

2004 - Provincial, First runner-up

2003 - Provincial Champion

## Cleanest and Greenest Town Awards

2011/12 - Provincial Greenest Town, First runner-up

2010/11 - National Greenest Town, Second runner-up

2009/10 - Provincial Greenest Town, First runner-up

2009/10 - Provincial Greenest Town, First runner-up

2008 - Provincial Cleanest Town Champion

2007 - Provincial Cleanest Town, First runner-up

2006 - Provincial Cleanest Town, Champion

2006 - National Cleanest Town, Third place

2005 - Provincial Cleanest Town, First runner-up

2004 - Provincial Cleanest Town, First runner-up

2003 - Provincial Cleanest Town, Champion

2002 - Provincial Cleanest Town, Champion

## Blue Drop Award



Our water management and quality control has earned us six Blue Drop awards from National Government, the most Blue Drops in the province. Our drinking water is of the highest quality.

## Other Awards

2013 - Provincial, best performing institution on records management

2013 - National Govan Mbeki Human Settlement, accredited municipality of the year

2012 - Provincial Librarian of the year

2012 - National Librarian of the year, Second runner-up

2009 - The Steve Tshwete Municipality was also lauded for executing the best Municipal Infrastructure Grant (MIG) project during the 2007/08 budget year, when it used additional funds made available by the MEC for local government and housing, to upgrade road infrastructure

2008 - Provincial Govan Mbeki Housing

2005 - Komanani Excellence

# ANGLOGOLD ASHANTI DELIVERS ON SOCIAL AND LABOUR PLAN PROJECTS

AngloGold Ashanti continues to drive community development through the delivery of co-designed Social and Labour Plan projects. The Company is currently delivering and executing Social and Labour Plan Projects in the Municipalities of Merafong and Matlosana as well as the Labour Sending Municipalities of OR Tambo and Moqhaka. The Merafong City Local Municipality were recent recipients of projects provided for in the 2010 to 2014 Social and Labour Plan (SLP).

AngloGold Ashanti South Africa Region's Chief Operating Officer, Mike O'Hare; Senior Vice President Sustainability, Simeon Mighty Moloko; Organised Labour as well as the Executive Mayor of Merafong, Councillor Maphefo Mogale-Letsie recently handed over school facilities to the Minister of Mineral Resources, Ms Susan Shabangu. The Minister received the newly completed classrooms, a library and science laboratories on behalf of the communities of Khutsong and Kokosi and the District Education Department. These are some of the 2010 and 2014 West Wits and Merafong City Local Municipality Social and Labour Plans, the total SLP allocation for the Host and Labour Sending Municipalities is R418 million for the said period.

The company is contributing towards community development by supporting Community Human Resources Development and Local Economic Development projects through the provision of infrastructure and financially supporting income-generating and Enterprise Development projects.

The recently handed over projects is in sync with the National Development Plan which has prioritised education, training and innovation as central to South Africa's long-term development. Likewise, the company regards these as core elements in helping to eliminate poverty and reducing inequality as we work as a collective to create an equal society. AngloGold Ashanti is fully aligned to these national imperatives which are integrated in its holistic approach to education.

AngloGold Ashanti's philosophy and approach is to create complete institutions of learning, which should at least have competent, dedicated educators; work with schools to capacitate school management teams; while also ensuring that classrooms provide an enabling learning environment. The company also supports maths and science studies through the provision of computer and science laboratories, ablution facilities and sports fields. All of these create an environment

conducive to learning. We believe that by participating in the education space, through our Social and Labour Plan projects and through the Social Institutional Development Fund, we will continuously strive to persuade other players within corporate and government sectors to collaborate in responding to education challenges in the country.

We have seen these collaborations benefitting learners in areas where we have delivered projects, having worked closely with the Departments of Basic Education, the Department of Health, the Merafong, Matlosana and OR Tambo Municipalities, Organised Labour and the Department of Mineral Resources.

As part of this model and approach to education, Retlife Primary School, in Kokosi, was recently a proud recipient of five newly-built classrooms and we also handed over a science laboratory at Tsitsiboga Primary School in Khutsong. Addressing the learners during the projects hand-over, the Chief Operating Officer of AngloGold Ashanti South Africa Region, Mike O'Hare urged the learners to take advantage of education enhancing facilities. "We are committed to supporting Government in meeting the standards as set by the Minister of Basic Education. Our approach is focused on the provision of school infrastructure, capacitating Science and Maths Educators and strengthening the school management, School Governing Bodies and Lecturers. We also do that by awarding, among others, bursaries and offering internships to those in our Host and Major Labour Sending Communities. I advise you to therefore use these opportunities before you as your launch-pad to creating a successful future," he said. Mbulelo Primary School in Khutsong received a newly built and furnished library with a full books complement, these were handed over by AngloGold Ashanti to the Community of Khutsong, District Director of Education, Dr Peter Skosana and Minister Susan Shabangu. The Provincial Department of Education co-implemented these projects with AngloGold Ashanti, the Future Forum, the Department of Mineral Resources and the Merafong City Local Municipality, with the Department of Basic Education providing some of the furniture and books. "In addition to this library, AngloGold Ashanti is donating R240 000 which will enable the school to purchase additional books, laptops and a printer. This is in line with our approach to support literacy development and ignite literacy interest in the communities we operate in and those that have resourced us over the years," concluded O'Hare.

In accepting the facilities, Minister Shabangu, commended AngloGold Ashanti on its



Former Department of Mineral Resources Minister Susan Shabangu; AngloGold Ashanti's Mike O'Hare, Chief Operating Officer; Simeon Mighty Moloko, Senior Vice President Sustainability; Executive Mayor of Merafong, Councillor Maphefo Mogale-Letsie and Organised Labour at the official launch of the Mbulelo Primary School Library in Khutsong



Unveiling of the plaque at Sonata Junior Primary School (from left to right) are Cllr Thokozile Sokhanyile, Mayor of Libode; Simeon Mighty Moloko, Senior Vice President for Sustainability; Cllr Dingaan Myolwa, Former Executive Mayor of the OR Tambo District Municipality; Angie Motshekga, Minister of Basic Education; Susan Shabangu, Former Minister of Mineral Resources; Mike O'Hare, Chief Operating Officer South Africa Region and Malebogo Mahape-Marimo, Vice President for Sustainability.



The Department of Health's Minister Aaron Motsoaledi, AngloGold Ashanti's Senior Vice President Sustainability and the Department of Mineral Resources' Deputy Minister Godfrey Oliphant during the launch and official hand-over of the Carletonville Medical Step-Down (Palliative Care) Facility.



Gauteng MEC for Education, Ms Barbara Creecy and the Deputy Minister of Mineral Resources, Mr Godfrey Oliphant look on as one of the science teachers at Wedela Technical High School demonstrates how the interactive white board in the science laboratory works.



Enjoying a lighter moment with some of the learners at Vaal Reefs Technical High School are (from left to right) Councillor Kagiso Khaue, the Executive Mayor of Matlosana; Nontsha Liwane-Mazengwe, Principal; Moses Madondo, General Manager at Moab Khotsong Mine; Simeon Mighty Moloko, Senior Vice President Sustainability; the MEC Education and Mme Wendy Matsemela.



Minister Angie Motshekga, Minister Susan Shabangu and Mike O'Hare dressed in traditional regalia during the official hand-over of a newly built Science Laboratory at the Goso Forest Junior Secondary School in Lusikisiki, Eastern Cape.



Sonata Junior Primary School, one of three dilapidated mud structures that was replaced by this newly built school consisting of six classrooms, an administration block and ablution facilities.



Minister Shabangu engaging with learners at Tswasongu Secondary School where AngloGold Ashanti refurbished a Science Laboratory. She urged learners to make use of the facility that will enable them to be the engineers of tomorrow.



The DMR visited projects in the Vaal River Operations to ensure that the company is complying to regulation. Here representatives from the DMR and management interview a trainer at the Engineering Training Centre on some of the training programmes provided by AngloGold Ashanti.



Sakhisizwe Piggery is project owned and managed by four women and four men. AngloGold Ashanti intends to assist in making their project to be sustainable so that they can eventually supply pork to the abattoir. This will take time but we intend to walk the walk with them.



Umuzimuhle is a mine community established by AngloGold Ashanti. The Social and Institutional Development Fund assisted in establishing a state-of-the-art health facility that is close by. Services include reproductive health care and in June they welcomed the first baby to be born there.

commitment to uplifting communities. "I implore you learners to take full advantage of facilities that were not available during my time. You have an opportunity to support your aspirations to be educated and pursue studies in computer sciences, engineering and other science fields which will empower you to participate in this industry and others as highly skilled people."

Tswasongu Secondary School received a revamped and fully equipped science laboratory that will enable learners to conduct live and interactive science experiments in support of their life science studies. Simeon Mighty Moloko encouraged all learners to aspire to be the best that they can possibly be by utilising opportunities and facilities at their disposal.

Also attending the Merafong Social and Labour Plan projects hand-over was the Director-General of Mineral Resources, Dr Thibedi Ramontja, who in his address to community members applauded AngloGold Ashanti on visibly transforming areas that needed social interventions the most. He went on to mention that the facilities will address critical socio-economic issues relating to education and training which will subsequently result in supporting the development of core skills which will certainly increase the chances of students progressing into far meaningful and better futures. Local contractors were appointed to build these facilities thus contributing to local economic development.

A total of over R5 million was expended in ensuring the successful delivery of projects handed over to the communities of Merafong on the day.

In addition to the recently launched SLP projects in Merafong, the company has to date delivered a palliative care unit; the Phomolong Medical Step-Down Facility and a Kideo Paediatric Ward at the Carletonville Hospital.

Malebogo Mahape-Marimo, Vice President Sustainability said that AngloGold

Ashanti's schools-infrastructure-built-programme executed through its Local Economic Development Fund has seen newly built classrooms, libraries and Science Laboratories, delivered in Host and Labour Sending Communities. "The community of Khutsong were proud recipients of the Khutsong Community Park which boasts a soccer field, a children's play area, a park and an outdoor gym. AngloGold Ashanti also provided Science and Computer Laboratories at Wedela Technical High School."

"In our Vaal River operations we have handed over Science and Computer Laboratories at Vaal Reefs Technical High School and are currently upgrading the facility into a fully-fledged technical school. AngloGold Ashanti replaced a dilapidated mud school at Sonata Junior Primary School, near Libode in the Eastern Cape, with a newly built school where the intake of 111 learners has now increased to 241. In addition to this, we built an administration block, a kitchen and ablution facilities at the school. To support learners and teachers with Science and Maths the company handed over a Science Laboratory at Goso Forest Junior Secondary School, in Goso Forest Village, Lusikisiki," she said.

AngloGold Ashanti's Community Human Resources Development programme is currently supporting youths and people from Host and Major Labour Sending Communities to participate in engineering skills training, novice mining skills, learnerships and internship programmes. In addition, we support qualifying youths with traditional bursaries to pursue tertiary studies of their choice. The CHRD programme has also upgraded Further Education Training institutions into fully-fledged technical facilities - with some having received new workshop equipment.

Our Enterprise Development Fund continues to support start-up and existing businesses to become more profitable and sustainable. Some of the supported projects, such as Uribrant Designz, a graphic design company in Khutsong is operated by a local youth. Itumeleng Maselwane employs five youths and the company is linked to our internal procurement system. Another beneficiary is Dynamic Butchery located in Klerksdorp. The company was a struggling entity that is now stabilised and fully-operational. We have a number of local businesses that have benefited from this fund.



One of the youths employed at Uribrant Designz, a graphic design company in Khutsong near Carletonville. The owner, Itumeleng Maselwane, wishes to establish a one stop shop printing and design business in Merafong.



Dynamic Butchery is a beneficiary of the Enterprise Development Fund. It was previously a struggling business and is now a fully-fledged and stabilised butchery. It has expanded to two stores and also procures to AngloGold Ashanti.

A group of women in the Eastern Cape have established livestock projects such as the Ifa Lethu Beef Coop in the rural village of Dimfi. We also support the Ngcengane Sheep Shearing project that has become tremendously successful. Siyabulelo Piggery and Sakhisizwe Piggery are another two agricultural projects that benefit from our LED income-generating fund.



## **SOUTH AFRICA'S BEST KEPT SECRET...** *in acting!*

In a rather obscure prefab class room at a high school in Pretoria, a small group of students are arranging furniture on a makeshift stage. A few minutes ago, the same space was occupied by a large table where the same students defended their business ideas to a visiting expert. Now however, it becomes a stage where some of South Africa's brightest upcoming stars are introduced to the theatre.

One may be forgiven for dismissing this arrangement as an entity non grata in the larger cosmos of the South African entertainment industry. There is nothing glamorous about the Performing Arts Lifestyle Institute (PALI). That is, of course, if you choose to ignore its success rate.

Binnelanders. Check. 7de Laan. Check. Villa Rosa. Check. Television series. Been there. Feature films. Got the t-shirts. For its size, PALI is probably one of the most successful training institutions of actors in the country, if measured by the employment of its alumni. Since 2005 its students starred in the most famous soaps, television series and feature films in the country. Some of the students went further and became directors, producers, stage designers and entrepreneurs.

This, of course, did not happen by accident. 'The purpose of PALI is to prepare young artists for the entertainment industry. It is a cut throat world,' says Shareen Swart, veteran actress and principal

and founder of PALI. 'Accounting students obtain a degree, complete their articles and are subsequently employed. It just doesn't work like that in our industry.'

And this is exactly why PALI is different. Entertainment seems to be the one industry where business and entrepreneurial skills are most required. Yet, you could not find a group of people less interested in business than actors. 'They have no choice,' says Swart about her students, 'they have to take the business classes. In today's industry, actors need to create jobs, at least for themselves.

What about accreditation? PALI does not offer any formal qualifications. Nor does it intend to. 'I seriously considered accreditation. It makes funding so much easier and can help a lot in terms of marketing. But I don't know any director or casting director who would ask for your qualification before allowing you to audition. The only result of accreditation would be doubling my class fees. I just couldn't do that.'

For less than R30 000, PALI offers the acting equivalent to a gap year. Students are introduced to various aspects of the acting industry. After the first year, promising students are allowed to stay for further training. 'We do not waste people's money. If they clearly don't have what it takes to become actors, we advise the students to consider other alternatives. They can choose to become producers, directors or choose a career in a different field,' says Swart.

'We want to create resilient professionals in the entertainment industry' says Shareen. 'We don't just want them to look good. We want them to succeed.' And considering the current score board, they seem to be doing just that. ♦

### **Do you want to sponsor a student at the Performing Arts Lifestyle Institute?**

Etzacorp provides sponsorship packages with bi-annual feedback reports, student meeting opportunities, a press release and exposure in the Mining CSI magazine. Contact [info@etzacorp.co.za](mailto:info@etzacorp.co.za) for more information.

For more information on the Performing Arts Lifestyle Institute, please visit [www.pali-acting.com](http://www.pali-acting.com).



[www.sadcyim.com](http://www.sadcyim.com)

## PROGRAMS

Interactive dialogue sessions at various levels of the industry (NEDLAC model)

Community & Industry Development

National summit on youth mining

Mining opportunities Indaba

Mining skills Indaba



Mr Tshepo Seema

Adv. Mtho Xulu

## Vision:

Integrate youth mining entrepreneurs & other professionals into the mainstream mining economy through meaningful participation for greater value creation with in the SADC community

## Mission:

Through active lobbying and advocacy, we aim to promote participation of youth mining entrepreneurs and professionals through the following aspects:

- OWNERSHIP/EQUITY • MANAGEMENT & CONSULTING
- EXPLORATION • PROCUREMENT • TRADING • BENEFICIATION
- MINE REHABILITATION & ENVIRONMENT • COMMUNITY DEVELOPMENT
- RESEARCH FOR INDUSTRY DEVELOPMENT • SKILLS DEVELOPMENT • HEALTH & SAFETY



@SADC\_YIM

SADC Youth in Mining

[info@sadcyim.com](mailto:info@sadcyim.com)

# Deputy President Cyril Ramaphosa

celebrated Mandela Day in Mahikeng accompanied by Mining CSI Editor



**M**ahikeng - Nelson Mandela's life has been celebrated through work, an activity that is an element of the late former statesman's ethos, says Deputy President Cyril Ramaphosa. "We've had the most wonderful Mandela day. We've been able to celebrate our national icon's birthday with a lot of community work and activities," he said on Friday 18 July.

Today, the world marks Nelson Mandela Day, which falls on the late statesman's birthday. The Deputy President – together with Cooperative Governance and Traditional Affairs (Cogta) Minister Pravin Gordhan, Water and Sanitation Minister Nomvula Mokonyane as well as North West Premier Supra Mahumapelo – rolled up their sleeves in honour of Madiba.

Earlier today, the delegation visited the Mahikeng Provincial Hospital, where they painted a room. Afterwards, they received a machine to repair cataracts,

which was donated to the hospital. Following the hospital visit, the delegation took to the streets of the CBD, where they visited two taxi ranks to the delight of locals, who lined the streets and took photos of the delegation as they walked by with black plastic bags picking up litter on the streets. The delegation stopped and talked to shop owners and street vendors along their walk.

"We cleaned up at the taxi rank and interacted with many of our people, who were also participating in the great clean-up of Mafikeng," Deputy Ramaphosa said. One of the workers, Thando Sehloho, said it was impressive to see the delegation get down to work. While ordinary citizens looked on, the delegation also repaired potholes with the aid of a machine. They then visited Montshioa Township.

## Clearing the sanitation backlog

"The most exciting part of the day was going into the

township and going to repair reported water leakages in a few of the houses. The most important was to see how young people - women and men - are now taking up plumbing and artisan type jobs, and they're repairing leaking taps," the Deputy President said as he spoke from outside one of the houses in the township.

Minister Mokonyane said she will soon launch a "mega" project of training more plumbers, particularly drawing from the youth, to repair leaking taps and ensure that sanitation blockages are done away with. She was happy to see young women working as plumbers, such as her namesake Nomvula, who is a

cadet working as a plumber. "Women have arrived and not only in politics," she said.

Minister Gordhan said today's activities were helpful for him in his new portfolio. "It was useful to see how municipalities work. The municipal space is a space where business and life happen. It is important that every municipality must deliver basic services to every citizen," he said.

The cleaning campaign follows a call by President Jacob Zuma in his State of the Nation to clean the country's cities and towns. – Article provided by SAnews.gov.za ♦



Mining CSI Editor's transport was sponsored by BMW, Joburg City Auto

## Companies staff spend Mandela Day at Thusong Children's Home



**M**ining CSI, together with Shoprite, Paramount Group, Virgin Active, Uhambo Lezwe Travel, and Global Aviation, gathered at Thusong Children's Home to contribute their 67 Minutes for Mandela Day.

It seems like yesterday when the world was mourning the death of an international icon, Mr Nelson Rolihlahla Mandela. The continent was sombre and a dark cloud was hanging over South Africa. We had lost a man we all called Tata, Father of the Nation.

On 18 July 2014, once again the nation did unite to continue his legacy, to celebrate his life and to make a difference in our country and our communities. Mining CSI, together with Shoprite Wierdapark, Paramount Group Halfway House, Virgin Active Glen Acres, Uhambo Lezwe Travel Kempton Park and Global Aviation Operation (Pty) Ltd Kempton Park gathered at Thusong Children's Home in Kaalfontein, Midrand. As part of their 67 minutes for Mandela day, the companies donated groceries, household goods, books, toys and clothing. Tembisa Christian Family Church, under the leadership of Pastor Motsepe, donated paints and also painted the children's home.

Many of the volunteers spent the day doing

household chores, giving the staff a welcome break. Virgin Active Glen Acres, however, did what they do best, keeping the kids active. After some fun and games, the children's energy levels received a boost with two beautiful cakes: A smiling Mandela cake from Shoprite Wierdapark and another Mandela Day cake from Virgin Active Glen Acres.

Thusong Children's Home was started in 2000. Although the staff of this home persevered for the last 14 years, funding for the home remained largely unchanged. Mining CSI kindly urges companies and individuals to join hands in assisting Ms Vundla (founder) to continue making a difference in these children's lives. It is only through partnerships and support, that she can continue this wonderful work. Should you wish to donate or sponsor Thusong Children's Home, please contact Ms S'bongile Vundla on +27 72 931 7862. The home can also be visited at 3811 Lemonfish Street, Kaalfontein.

Children are the nation's future. They are also the most vulnerable. It is our responsibility to ensure that their future remains bright. While the nation lost an icon, his legacy remains, giving hope to all, also to the children of Thusong. ♦

Thank you to our sponsors for making Mandela Day a reality!





research and development where scientific knowledge of gem minerals in the region have been obtained. The second phase involves supply chains to implement the beneficiation of these minerals and provide systems and equipment to grow and develop the underexploited mineral resources. This includes skills training and technology transfer in mining, manufacturing, beneficiation, marketing and sales. There are currently 40 learners being trained in Ethembeni location, Prieska. Some of these learners are also being trained in glass bead manufacturing and pottery. The intention is to set up other manufacturing centres in the province.

## Mintek sets up **GEMMOLOGICAL BENEFICIATION** centres in the Northern Cape

**M**INTEK's Small Scale Mining and Beneficiation (SSMB) division continues to strive to improve the economic, social and cultural conditions of South African communities. The SSMB division is adamant to create employment, promote inclusion and social cohesion within the small scale mining and beneficiation sphere by addressing the challenges met by Artisanal Small Scale Miners (ASSMs) and Small, micro and medium enterprises (SMME) in the minerals sector. These efforts comprise two vital elements: the participation of the communities in an effort to improve their lives, and the provision of technical and other services in ways which encourage business initiative.

Mintek SSMB has established a gemstone extraction, cutting, polishing, and jewellery manufacturing project in the Northern Cape with funding from the National Treasury through the Medium Term Expenditure Framework (MTEF). The project is now in its third year. The main objectives of the project is to create economic sustainable growth in the most impoverished region of South Africa. Furthermore, this initiative seeks to create at least 200 jobs in the province. Diamonds remain the primary precious gemstones found in the Province but many other gem mineral deposits such as tiger's eye, sugilite, rose quartz, agate/chalcedony, amazonite, amethyst, chrysoberyl, crocidolite, corundum, jasper, topaz, and tourmaline could be developed and beneficiated, providing much needed revenue for the area. With the exception of rough diamonds and tiger's eye, all gemstones may be traded freely in rough or polished form.

The project entails two phases. The first phase is

### Joint efforts equal bursting progress

Much has been achieved so far, concerning community development in South Africa. Yet, the route to bursting progress is wide open. Hence the need for partnerships between the state, private enterprises and communities to work together towards empowerment and participation strategies aimed at achieving sustainable community well-being.

MINTEK's SSMB division, as a result, calls for interested businesses to contribute towards ensuring good quality and appropriate community development. The need for constructive and effective community development in South Africa is the foundation for national development.

While MINTEK sees the progress with regards to how the SSMB division is addressing unemployment through short and long-term measures, the company understands that to fulfil its objectives and the goals of the communities it services, it needs funders for the various provincial projects. It has therefore become necessary to obtain the monetary support of entities that are willing to enhance and expand their corporate social responsibility footprint. ♦

### For further information on these CSI interventions kindly contact

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Neal had the pleasure of meeting Victor Buthelezi, Josiah Nyambe and Abigail Dlamini, participants in the 'Care for iMali' programme

## Combating Employee

# Indebtedness

### – A journey of CARE

In February 2014, Sibanye Gold began implementing a financial literacy and awareness programme, *Care for iMali*, aimed at improving the capacity of its employees to manage their finances and to combat the scourge of indebtedness.

This programme follows the agreement at the Chamber of Mines to roll out integrated programmes to combat employee indebtedness. "We are aware of the important role our employees play in the success of our business and that high levels of debt result in lower take home pay for our employees, which significantly

impacts on their ability to pursue healthy and happy lives", says Neal Froneman, CEO of Sibanye Gold.

The company has decided to deal aggressively with employee indebtedness in order to improve their wellbeing and living standards. Since the *Care for iMali* programme began, 3 800 employees and their families have undergone training and some are receiving further support through financial counselling. Neal adds that "Sibanye is committed to making sure that we go beyond just improving financial awareness. The company has begun the process of checking



and verifying all employee garnishee orders and to deal with those responsible for implementing fraudulent garnishee orders”.

The company is also considering ways of assisting employees with their finances in future, including opportunities to assist with debt management and debt restructuring.

Neal has had first-hand experience through his engagements with employees who have completed the training and are making meaningful changes to their financial situations. Through his conversations with employees, Neal says that he now has a better understanding of the needs and challenges faced by employees in this regard and how it deeply affects their personal esteem and dignity and can also impact negatively on their families. The employees he met also offered him advice on how the company can further enhance the programme to ensure that employees at



all levels can benefit from it, and through this, begin to live a better quality of life. ♦

## DEDICATED TO PROVIDING HIGH QUALITY PROFESSIONAL ENGINEERING SERVICES

AES Consulting CC is a professional engineering firm offering consulting services focusing on the disciplines of electrical, mechanical, civil and structural engineering coupled with vast experience in the project management environment.

AES Consulting was founded in 2009 as a close-corporation. Our mission is to be a consulting engineering firm small enough to afford personal involvement from directors and associates, not only on all our projects, but also to maintain direct personal contact with clients.

AES firmly believes that this will enable the firm to deliver a dynamic service to clients, with the added assurance that our interests are well looked after by the stakeholders of the company.

### PROFESSIONAL SOLUTIONS

A comprehensive asset creation service is offered by AES Consulting and includes

project management from the inception of a project through all the phases of the project cycle up to its implementation and handing over to the client. This includes:

- Preparation of feasibility reports with cost estimates, life cycle costing and presentation of alternative design proposals.
- Development of engineering design based on research and the clients brief.
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- Contract documentation including price schedules and bills of quantities.
- Tender adjudication and contract negotiation.
- Maintenance and facilities management.
- Contract administration and inspection.
- Project and construction management.
- Financial administration and control.
- Detailed construction monitoring.

### PRESENCE

Limpopo, Gauteng, Northwest & Mpumalanga.



# Wesizwe invests in the health infrastructure and wellbeing of the local mining communities



Final construction work to complete the Ledig Clinic

**T**he much-anticipated, and newly constructed and renovated Bakubung Clinic is nearing completion, and is readying itself to improve the lives of those residing in the local community of Bakubung in Ledig. The clinic is situated close to Wesizwe Platinum's flagship Bakubung Platinum Mine project which is currently being developed in the Western Limb of the Bushveld Complex near Rustenburg. This comprehensive primary healthcare facility will expand the provision of daily health care services and increase support to individuals and families with community health-related services (including HIV support, TB, maternal and child health). The aim of the facility is to strengthen the delivery of health and social services in the local and nearby communities.

The idea of the clinic upgrade and extension was first mooted back in early 2010, when the provincial Department of Health (DoH) approached Wesizwe Platinum to provide a much-needed primary healthcare facility for the community. Following stakeholder engagements with the local community and Moses Kotane Local Municipality, the project was given a go-ahead to commence. Since that time, much has been achieved and the new Ledig Clinic has taken shape quickly. What has been completed to date includes, the construction of two new labour wards, a post natal room, two bathrooms, a sluice room, a nurses rest room, three counseling rooms, and a patient waiting area. A new staff room (including a shower and kitchen), the renovation

of existing counseling rooms and toilet facilities have also been completed. Currently, the construction of a new patient reception area, vital signs room, renovation of existing counseling rooms and surgical and medical storerooms is underway. The last phase of the project includes landscaping, and the construction of new covered walkways and carports, which will be completed in July 2014. The fencing and septic tanks have already been installed.

This massive project has been undertaken at a cost of almost R4,5million and will be handed over to the North West Department of Health at an official ribbon-cutting ceremony in August/September 2014. Commenting on this major achievement, Lion Phasha (Manager for Social & Labor Plans) at Wesizwe Platinum, said:

"At Wesizwe, we are incredibly proud of this clinic which will mark yet another milestone achievement in the local community of Bakubung in addressing the critical health needs within the community. It is at the heart of our mine's strategic plan to contribute to the improvement of the wellness of our employees, their families and our communities as a whole. We are also humbled by the working partnership we have developed with the Moses Kotane



Contractors start on landscaping the exterior of the clinic

Local Municipality and the North West Department of Health in the delivery of the project. It is through these kinds of well-meaning, joint projects that we are able to support local government in their work to improve the living conditions of local people. I am certain that this upgraded facility will widen the provision of health and community services for members of the community who need these services desperately."

Mr Phasha also hopes that the facility will help to boost the morale of health workers/clinic managers who have been experiencing challenging working conditions. An added benefit that emerged from this project is in the area of job creation and local economic development. Two (2) local contractors have been selected to undertake construction of the facility and also about thirty (30) local people have been employed since the start of the project. Of the locally sourced workers, five (5) were previously trained under Bakubung Platinum Mines' Portable Skills programme (Carpentry and Bricklaying) that took place in August 2013. The Bakubung Clinic project provided these local graduates with practical construction experience and exposure through a structured mentorship programme delivered by experienced construction managers and artisans working on the project. Furthermore, this extended clinic operation has the potential to employ more health support staff from the local community. More than 300 local people (young and old) are expected to visit the upgraded clinic on a daily basis, seeking health advice, collecting medicines and receiving medical treatment.



Exterior paving being laid at the Ledig Clinic

At the end of the construction work in August 2014, Wesizwe will hand over the project officially to the Department of Health (North West) who are responsible for the day-to-day running of the facility. The department will take responsibility for providing necessary staff, medical equipment and maintenance of the facility.

Here is what members of the local Ledig community are saying about the newly upgraded and extended clinic ...

Isaac Mokgosi, a clinic patient – "The clinic is beautiful and we are satisfied with the structure - all we need now are more nurses."

Johanna Khoza, a clinic patient – "As an elderly woman, I am most happy as the sitting area can now accommodate more people so that people no longer need to stand up as they queue."

Buli Zuma, sub-contractor and owner of a carpentry company appointed to

work on the project – "I am happy and thrilled about the opportunity which I received to be able to work on such a good community project and I hope Bakubung mine will continue to uplift local community SMEs."

Construction workers around the Ledig Clinic site also mentioned their gratitude for the opportunity to work on the construction phase of the project, particularly as some went for construction industry-related learnerships coordinated by Bakubung Platinum mine. It is through such focused training courses in the field of general building construction, carpentry and plumbing that these local people were able to obtain the necessary qualifications thereby allowing them to get the jobs they are currently enjoying, and a brighter future going forward.

The Bakubung Clinic project forms part of Wesizwe Platinum's Social & Labor Plan commitment under the areas of Local Economic Development, Education and Health.



Excavations for covered walkway of the Ledig Clinic



Contractors at work landscaping the grounds of the Ledig Clinic



Workers at the Ledig Clinic construction site



Patients test out the new waiting room facility

# The new paradigm for the mining industry

Written by Prof. Gunter Pauli, author of *Blue Economy* in Association with South African Reserve Bank and MISTRA



The Chinese invented paper about 2000 years ago. Today, the Chinese reinvented paper. Whereas paper was made for centuries with 1% fibre's floating in 99% water slowly drying out to create this thin film, the new business model proposes crushed stones (80%) blended with polymers (20%) as a binding agent to make a new type of paper. The world market for paper is up for a total reconversion if we believe the experts in the field: crushed stones are expensive if you have to start from a rock. However, if you turn the tailings from mining operations into stone paper then one creates a strategic new industry for South Africa.

The world consumption of paper is expected to rise to 500 million tons per annum by 2020. South Africa has shifted from a major paper producer on the Continent to a large paper importer. The introduction

of stone paper will change the rules of the game since it is not the cheap access to pulp (fast growing trees and vast expanses of land) plus abundant availability of water that determines the competitiveness of paper making. This is the model of the past. The new model will see water scarce and tree poor nations position themselves as leading paper makers converting tailing dams and recycled polymers into an industry that



not only offers more paper at a lower cost, it converts the errors (or should we say the ignorance) of the past into opportunities for the future. And what an opportunity it is for South Africa!

The opportunity is not just the single production of paper. Stone paper can be recycled quasi indefinitely, thus institutionalizing a high material efficiency. Indeed, since stone paper is made from mineral sources, it cannot be destroyed, only reconditioned. However, the opportunity is more than a chance to substitute fibres and water with stones, it is an opportunity to generate more cash flow, and to strengthen the balance sheet by converting provisions to assets. Indeed, tailing dams represent an important investment cost and an operational expense, for which provisions are made so that at the time of the closing of a mine a rehabilitation of the site can be implemented.

More important yet: all tailings still contain small amounts of gold which could not be extracted since the cost of pulverizing ore even finer would be too high. However if now the stones are turned into 3 to 5 micron ( $\mu$ ) size particles then all gold can be extracted while generating the ideal size of mineral material for paper. Apart from the left-over gold, one could also recover uranium (from mines and tailings around Johannesburg) or chrome (as is the case in Limpopo).

The specifications required to produce stone paper permit to generate extra income from gold and other valuable particles as part of the core business of mining. And at the same time this process creates



***The world market for paper is up for a total reconversion if we believe the experts in the field: crushed stones are expensive if you have to start from a rock. However, if you turn the tailings from mining operations into stone paper then one creates a strategic new industry for South Africa.***

an additional value that can be as much as \$300 per ton by supplying an input for stone paper. This means that a gold mine can dramatically increase revenues, reduce investment and operation costs, and (finally) create the thousands of jobs. This is unheard of in the sector.

While the world market for paper will never shift completely to stone paper since there will remain a strong demand for water absorbing paper (like tissue paper), the potential is estimated at the capacity to convert up to 100 million tons of tailings into paper, good for 20% of the world market. Since Africa will evolve to a Continent with 2 billion inhabitants, its growth rates for paper demand is one of the strongest in the world. Would African policy makers and business leaders continue with the old model that reserves millions of hectares for monocultures of trees, and divert billions of tons of water away from agriculture and home use? Or will there be the leadership to consider the millions of tons of legacy of the past and turn

this into an engine for growth, generating multiple benefits including jobs and profits like we have seldom seen in recent history?

South Africa could become the African supplier of paper thanks to its mining yesterday, today and tomorrow provided a consortium of policy makers, entrepreneurs, financiers and development experts combine their interest and commitment to turn a dark page of mining and create a future that the industry deserves. I think this is not only an opportunity, it is a responsibility. ♦



Coega's Youth Leadership Development Academy

## shaping new leaders in KwaZulu-Natal

The Coega Development Corporation (CDC) recognises that growing youth leadership is a pressing challenge and it is answering the call of government to eradicate unemployment and underdevelopment through the skills development of future leaders.

The Third Annual Coega Youth Leadership Development Academy (CYLDA) training programme was held on 30 June to 4 July, 2014 at the Wartburg Hotel in Pietermaritzburg. Forty undergraduate students from three universities attended this year's programme.

The theme of this year's programme was "Leadership: The Attitude of the Heart", and top South African speakers included leading academic Dr Frans Kekana; journalist and author Sandile Memela, seasoned social entrepreneur Sibongile Mosia, and economists and CYLA project managers Njabulo Sithebe and Nomzamo Kolo.

Asanda Qangule, Coega KZN Stakeholder Manager said there was a need to "significantly increase the effectiveness of CDC's investments in KwaZulu Natal (KZN) and to leverage capacity development by other government agencies. All of this requires the CDC to continuously enhance its credibility as a capacity and development provider." The academy was formulated to respond to the current ills of youth unemployment and underdevelopment.

CYLDA STUDENTS, from left, who attended were, Noxolo Bhengu a third year Medicine and Surgery student at the University of KwaZulu-Natal, Khaya Sibiyi a final year BA Environmental Planning and Development Studies student at the University of Zululand Busisiwe Luwaca a University of Zululand second year BA Social Work student, and Molaodi Wa-Sekake a third year Economic History student at University of KwaZulu-Natal.

Khaya Sibiyi, from Eshowe a final year BA student at the University of Zululand said by attending the academy he gained valuable insight into leadership. "This programme will leave me capacitated. We learned a lot, and would like to have fellow students attend the programme".

"Unemployment is high in Eshowe. When you ask the youth if they are employable they rather turn the blame on government. I want the youth to change this mentality and depend more on themselves and less on government," Sibiyi said.

**The Coega Development Corporation (CDC) recognises that growing youth leadership is a pressing challenge and it is answering the call of government to eradicate unemployment and underdevelopment through the skills development of future leaders.**

Luwaca, 36, from Umtatha in the Eastern Cape, after matriculating in 1998 she did not have financial assistance for a tertiary education and did not qualify for a bursary, despite an excellent matric certificate. Through hard work and perseverance, she finally managed to fund her own studies. "The youth in Umtatha need to attend programmes like this one," she said.

Dr Ayanda Vilakazi, CDC Head of Marketing and Communications said, "The CDC recognizes youth leadership development as key to overall development performance." ♦

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