

Mining CSI

Corporate Social Investments by Mines

Volume 4 • 2012

JOJO TANKS

Providing water solutions to communities



MPUMALANGA MINING INDUSTRY

Mining Lekgotla Resolutions

ALSO IN THIS ISSUE:

PAN AFRICAN RESOURCES Provides opportunities for local communities

MTS Transformation in Mining **SHANDUKA FOUNDATION** Partners with Lafarge Education Trust

MSOBO COAL Built R30 million local clinic

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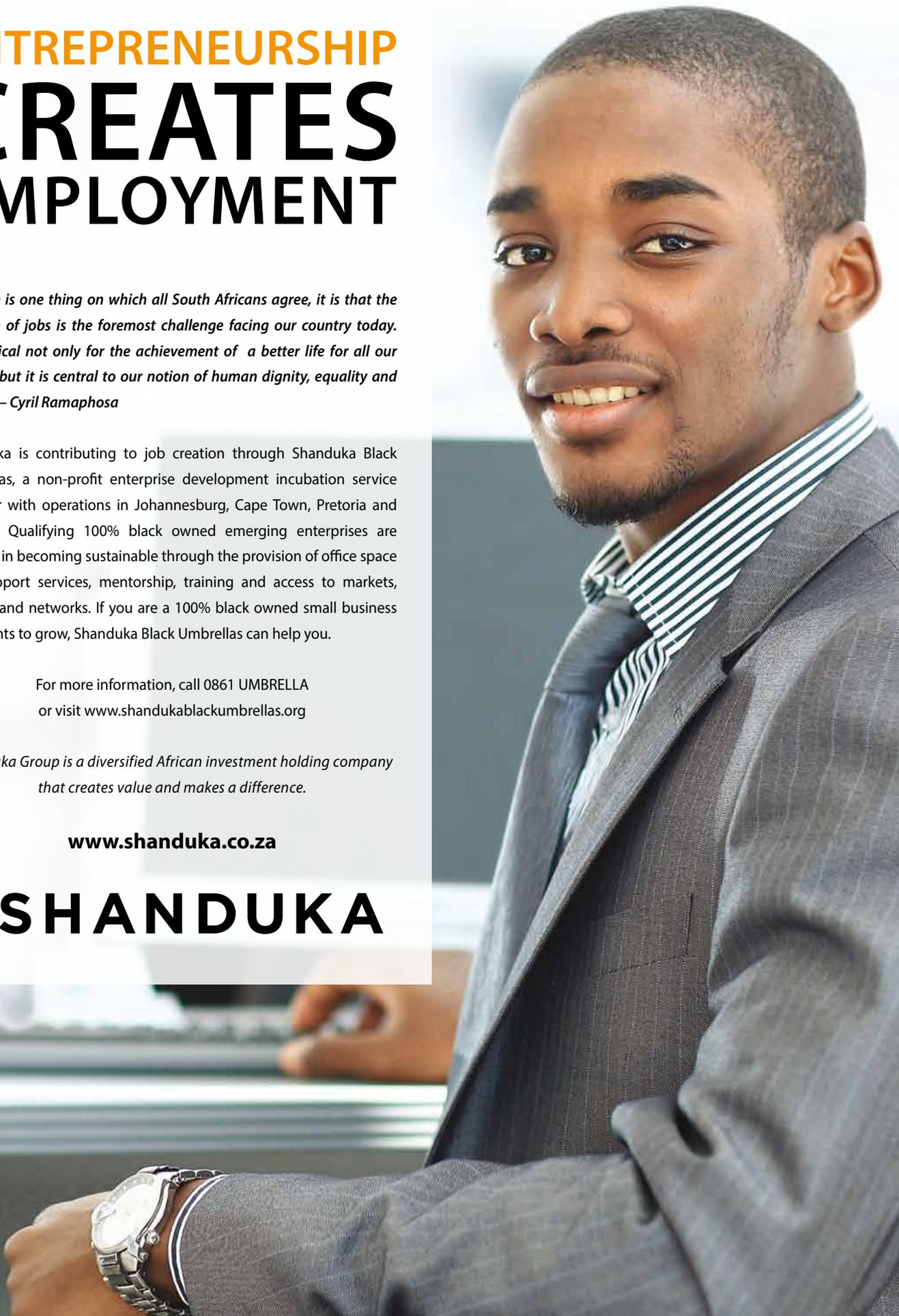
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At the beginning of November the Department of Mineral Resources, in collaboration with Mpumalanga Provincial Government, hosted a two day Mining Lekgotla. This took place at the Steve Tshwete Local Municipality within the Nkangala District Municipality. The purpose of the Mining Lekgotla was to develop better mechanisms to enhance the contributions of the mining industry to sustainable growth and development in Mpumalanga.

Mining CSI is proud to publish the First Mpumalanga Mining Industry Lekgotla Resolutions, a signed pledge from all partners with clear areas of co-operation. These resolutions are included on page 16. The Lekgotla was hosted by Mpumalanga Province Premiere, Mr David Mabuza, Nkangala District Executive Mayor, Mr Speedy Mashilo and Steve Tshwete Local Municipality Executive Mayor, Mr Mike Masina. The occasion was also attended by the Minister of Mineral Resources, Mrs. Susan Shabangu and Minister of Water and Environmental Affairs, Mrs. Edna Molewa. The local

Chiefs represented the Mpumalanga Traditional Leadership.

Mining Industry Management and Union Representatives were also part of the signatories to the Mining Resolutions. The resolutions were well supported by the local community representatives. This is one of the most encouraging steps to forge an important relationship between the Mining Industry and the communities. The spirit of the meeting can be summarised in a single sentence from one chief's speech: "No mining with us, without us".

It is very exciting to see companies give back generously to the communities in which they operate, especially if they are having fun doing so. Golf Charity Days have become a fun way of giving to charities and vulnerable communities. Under the leadership of Eskom's CEO, Mr. Brian Dames, the Eskom's 49 Million Charity Golf Day 2012 has raised over R1 Million for eight charities. The 49 Million campaign is aimed at reducing electricity usage. See page 24.

As usual, we have the water saving tips brought to you by Jojo Tanks on page 21. Following these tips may not only provide you with more and cleaner water, but may help in saving one of our scarcest resources.

We are looking forward to Mining Indaba to be held on 4 -7 February 2013 in Cape Town, South Africa. This indaba promises unparalleled networking opportunities, the only week of deal-making and discovery unlike any other in any calendar year. Anyone in the mining industry should be there!

We wish you all a safe and wonderful festive season and a prosperous 2013!

Enjoy the magazine!

Moses Sibiyi

Editor



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Cover picture: © JoJo Tanks

Published by: Sagis Data CSI Projects
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Research: Moses Sibiya

Distribution: Mining Weekly & Engineering News

Printing: Business Print, Pretoria

Mining CSI is published monthly by SAGIS. Opinions expressed in this publication are not necessarily those of SAGIS or *Mining CSI* magazine. Information has been included in good faith by the publisher and is believed to be correct at the time of going to print. No responsibility can be accepted for errors and omissions. No material (articles or photographs) in this publication may be reproduced, in whole or in part, without specific written permission from the Editor. Copyright © 2012. All copyright for material appearing in this magazine belongs to SAGIS and/or the individual contributors. All rights reserved.

Foreword



Phuti Mahanyele, Shanduka Group CEO

practically embraced by mining companies seeking to operate and grow in South Africa.

Most of our mines operate in areas with limited development, surrounded by communities lacking basic services and schooling, and rife with poverty and unemployment. Contributions to and collaboration with these communities should not be seen as a tax. Instead, responsible corporate citizens should view constructive involvement and engagement as part of our social licence to operate sustainable, long-term businesses. In addition to direct local interaction, which includes employment creation and support to local business, mining can make a direct impact on improving the social infrastructure and services in the areas in which it operates.

Corporate social investment (CSI) is one of the mechanisms that mining companies use to tackle challenges of underdevelopment, poverty, unemployment and lack of opportunities. Given the depth of these problems, it is necessary for mining companies not only to invest more in social development; but to ensure that this investment has greater impact.

This magazine provides the platform for mining companies to highlight achievements in CSI and to learn from the initiatives of others. It should be a forum where like-minded parties collaborate to the benefit of all mining stakeholders.

Much has been achieved, but much more needs to be done.

By Phuti Mahanyele, Shanduka Group CEO

South Africa's mineral endowment has been the catalyst for development in Southern Africa for more than a century. Today, the mining industry remains one of the most important engines for growth and economic development in our country. It provides employment, boosts exports, contributes to the fiscus, and stimulates manufacturing and other support industries. Its contribution to exports is vital in order to sustain South Africa's current account.

Recent times have been difficult for South African mining. Most of us are aware of the challenges confronting the preservation and growth of our industry. Not only does it still have some way to go in correcting the wrongs of the past, it also has to manage growing "resource nationalism" sentiment (a global trend), escalating costs and volatile commodity prices. The only manner to ensure the long-term sustainability of our industry is to ensure that all South Africans benefit from the sector. This is what was envisaged by the Minerals and Petroleum Resources Development Act and the Mining Charter, and this is what should be



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Barberton Mines (PTY) LTD CSI/LED quarterly programs update

Barberton Mines, a subsidiary of Pan African Resources, is a gold mining company situated in Barberton under the boundary of Umjindi Municipality Mpumalanga Province. Barberton Mines consists of three operating sections namely: Fairview, Consort and Sheba section.

Barberton Mines promotes skills transfer and job creation

Barberton mines aims to increase job creation by providing opportunities that will expand economic growth and self-sustainability. By transferring skills and knowledge to previously

disadvantaged communities through local development, Barberton mines makes a difference in the local, as well as surrounding, communities. Barberton mines are involved in the following projects:



Sinqobile Primary School

Walking long distances to school is not only dangerous to young learners, but may negatively impact concentration and performance in class. This, in turn, may lead to high drop-out rates in especially underdeveloped communities. For this reason Sinqobile Primary School was built in the centre of the community, eliminating the need for learners to travel long distances to school.

The construction of Phase 3 of the school has commenced. This phase consists of the construction of a number of additional facilities: The administration block, library, science laboratory, computer

laboratory, a combi-court and eight additional classrooms. Phase 3 also provided job opportunities to 13 unemployed community members. Local black owned businesses have also benefited from this project. The Umjindi Welding Co-operative supplies the steel window frames and security doors.

Mr Gibson Nkosi, the project foreman and team leader acquired extensive experience from this project. He is determined to give back to the community through skills and knowledge transfer. The SGB also learnt a great deal about managing projects since the beginning of the school project.

Barberton Mines (Pty) Ltd has injected more than R 11 million into the school project. The Sinqobile community members are seen supporting and taking ownership of the school and playing a vital role in protecting the school from vandalism.

Umjindi Jewelry Project (UJP)

For a brief period in history, Baberton experienced a gold rush as the news of the discovery of gold spread. After the discovery of gold in the Witwatersrand, however, most of these prospectors left, leaving only the larger mining companies in the area. The de facto Barberton Museum was already established in 1898 through a donation of numerous specimens of crystals and other minerals.

It seems, then, appropriate that the Umjindi Jewellery Project (UJP) makes the Barberton Museum its home. At UJP, learners are taught the basic principles of jewelry making. When an additional category, Functional Art, was added to the PPC Young Concrete Sculptures Design Competition, the UJP took a bold step to seize this opportunity. This competition is held annually by PPC: All participants attend a Concrete Workshop and then put their creativity to use to design impressive pieces of art - all incorporating concrete.

Learners at the UJP attended the workshop and entered the Functional Art category by incorporating concrete in their jewelry designs. The UJP also designed display units for these pieces.

The judges were impressed: On 7 November 2012, six entries competed at the competition finals at the South African Association of Arts in Pretoria.



We congratulate, Mandla Khoza, Justice Matshela, Gizela Mshothola, Ploma Silawule, Vusie Sithole and Evert van Engelenhoven.

Trophies

On the 22nd and 23rd of September 2012, Round five and six of the Observed Trials Nationals Series were successfully held in Barberton. What made this event especially memorable was the trophies: All designed and created by employees of the UJP. The trophy for Round five featured the symbol of Barberton: a small brass sculpture of a daisy, mounted on a block of glass.

The trophy for Round six had a brass sculpture of a trials rider in action, combined with Barberton green stone on a base of wood. The participants - some with more than 20 years experience - lauded these trophies as the best they ever received.

Sinqobile Vegetable Project

The Sinqobile Vegetable Project was established in 2008 and is still fully funded by Barberton Mines (Pty) Ltd. The vegetable project produces fresh vegetable and supplies local supermarkets, households and some community organizations.



Skills Development Centre

The Skills Development centre is situated in the Sinqobile Township and provides the following services:

The Sinqobile Soup Kitchen

The soup kitchen is run by a group of community members offering voluntary services to T.B. and HIV/AIDS patients within the area of Sinqobile Township. The Soup Kitchen is particularly aimed at those patients getting treatment from home, but also caters for orphans and other community members in need. Not only does the soup kitchen provide food parcels, but volunteers also visit the beneficiaries at home, often helping with house cleaning and laundry.



Volunteers fulfill a major role in improving health of patients by encouraging them to regularly take their medication. This seemingly trivial action of kindness may possibly have the most significant impact on the health of beneficiaries.

Barberton Mines supports the Sinqobile Soup Kitchen by providing food parcels and cleaning materials on a monthly basis.

Kuhle-Kwethu Sewing Co-operative

Sustainability of development projects are key in ensuring long-term wealth creation. The Kuhle-Kwethu Sewing Co-operative has been established with sustainability in mind. This co-operative provides high quality; SABS approved work-wear suits to Barberton Mines and is registered with the Department of Trade and Industry.

Not only has the Kuhle-Kwethu Sewing Co-operative supply Barberton Mines 600 work-wear suits to date, but it has also designed a variety of clothing ranging from fashionable dresses to stage-performing gowns.



Umjindi Welding Co-operative

The Umjindi Welding Co-operative is one of the most successful cooperatives established through the skills development centre. It is the current manufacturer and supplier of steel window frames for the Sinqobile School Project.

The co-operative has supplied over 170 quality steel window frames to date and has also produced and fitted over 160 security doors for the T.B Hospital.



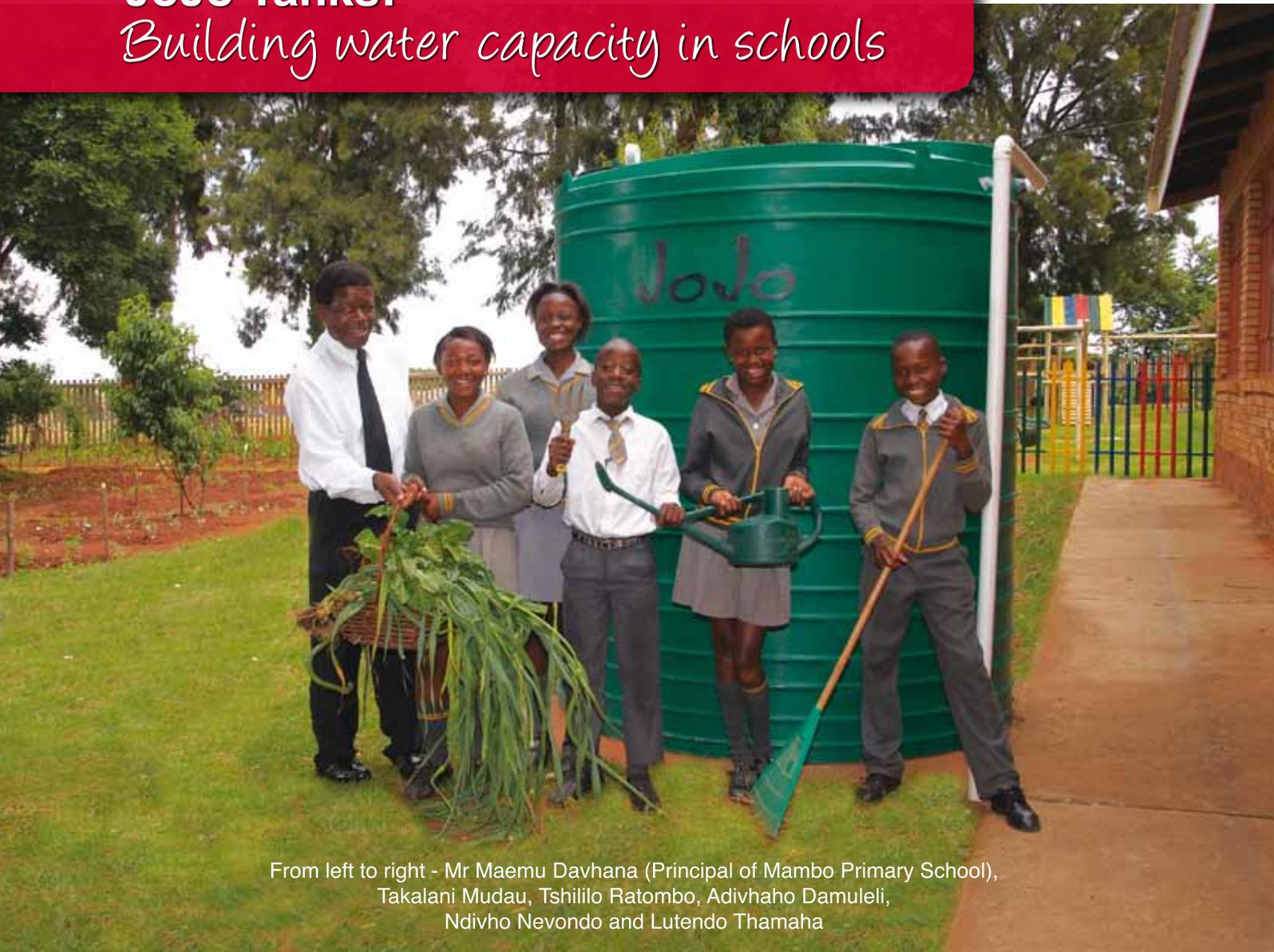
Early Christmas for kids of Umjindi

Playing is an important part of every child's development. After major renovations to the Cyril Afrika Play Park, the kids in Umjindi, extension 10, are smiling again. Renovations to the play park include replacement of the playground equipment, rubbish bins, as well as the removing of dangerous substances. It also includes proper palisade fencing. These renovations are surprisingly expensive - an expense unaffordable to the local municipality.

Although the community could not afford the renovations, they are still able to contribute to its maintenance and protection. General Manager of Barberton Mines (Pty) Ltd, Mr. Casper Strydom, urged members of community to take ownership of the play park and protect it against vandalism. He also thanked the community for their patience and support during the renovations. ♦



JoJo Tanks: *Building water capacity in schools*



From left to right - Mr Maemu Davhana (Principal of Mambo Primary School), Takalani Mudau, Tshililo Ratombo, Adivhaho Damuleli, Ndivho Nevondo and Lutendo Thamaha

In support of education around rainwater harvesting and water conservation, JoJo Tanks provides water tanks to meriting schools and communities.

“At JoJo we are passionate about the role we should play in conserving our planet’s limited resources,” explains JoJo Tanks managing director, Rod Cairns, “Our community outreach programme gives us an excellent opportunity to make a real difference and to contribute to the global effort to raise awareness of the need to save water. Saving water should be a way of life and the conservation and effective utilization of rainwater through installing rainwater-harvesting tanks will improve the lives of children and communities, reduce the pressure on existing infrastructures, save money on water bills and save the environment.”

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Msobo Coal LED Project, building a **clinic** **at a cost of R30 Million** for Msukaligwa Community

When in need of medical care the patient, and his or her loved ones, are at their most vulnerable. Medical care should be accessible to everyone, especially in the case of emergencies. For this reason Msbobo Coal decided to become involved in improving medical care for communities in the Msukaligwa sub-district in Ermelo.

Instead of having to go to Ermelo hospital, community members can now get medical treatment a stone-throw away from where they live. In association with the Department of Health (DOH) and Re-Action consulting, a new Community Health Centre (CHC) has been established. Being the only CHC in the sub-district, this CHC is estimated to serve 130 000 potential patients.

This R30 million project will not only improve health care, but will also provide jobs to more than 80 people, including 3 medical practitioners and 20 professional nurses. Apart from general medical treatment, services provided by the CHC will include dentistry, radiography and a pharmacy.

POSITION	STAFF
Operational Manager	1
Medical Practitioner	3
Professional Nurses	20
Enrolled Nurses	8
Enrolled Auxiliary Nurses	12
Pharmacists	2
Pharmacist Assistants (Post Basic)	4
Dentist	2
Dental chair Assistant	3
Radiographer	1
Dark room assistant	1
Clerks (will also capture data)	10
Cleaners	10
Drivers	2
General Assistant(gardener)	2
TOTAL	81

Vital stats:

Cost: R30 Million

Employment: (When fully operational): 81 ♦



Partnering for **growth and** sustainability



Tushiyah is a dynamic organization specialising in Local Economic, as well as Small Business Development. Founded in 2008, Tushiyah develops and support small businesses in local communities.

Starting a business is not easy. Tushiyah is well aware of the challenges facing start-up enterprises. South Africa poses unique challenges to these businesses: A recent Global Entrepreneurship Monitor (GEM) report cited education and training as the most significant obstacle to entrepreneurial activity in South Africa.

Tushiyah aims to address these problems by developing and supporting small business owners through specialised business management training, mentoring and coaching. "Our desire is to encourage entrepreneurship by mobilising and up-skilling ordinary South Africans to deliver extraordinary business results," says Abigail Mahlangu, founding member of Tushiyah. "We offer business and financial management support to assist SME owners to identify key business levers to get maximum output from their businesses."

Tushiyah provides the link between corporates' Enterprise Development obligations and grassroots level support of small businesses. They provide the



tools necessary for entrepreneurs to navigate through the complexities of running a business. Not only do they assist entrepreneurs in overcoming business challenges, but also aim to prepare small businesses to eventually provide products and services to corporate clients.

The management team at Tushiyah has the ability of putting together relevant and functional task teams. They also have the necessary expertise in the field of Local Economic Development (LED) implementation as well as Tourism, Entrepreneurship and SMME development. With their vast experience Tushiyah provides the following services:

- The development of Enterprise and Socio-economic Development Strategies as well as the implementation of such strategies for the corporate community.
- The development of a Youth Entrepreneurial Programme to assist youth to identify and quantify business opportunities within their own communities.
- Training, Mentoring and Development of SMME'S.
- Entrepreneurial LED strategy development and implementation.

- Tourism strategy development and implementation.
- The development of a framework, an institutional model and processes with a multi-sectoral approach for LED on local government level. Providing a platform whereby the various stakeholders such as the public and private sector, the youth, graduates, entrepreneurs and SMME's can engage.

Implementing entrepreneurship development programmes has a dual goal: "Developing SME's while giving corporates return on investment" says Marisa Truter, a managing member. Having a captive audience also enables them to monitor and measure the impact of the interventions and therefore be able to provide a report to the corporate.

Care should be taken when doing assessment - both before and after intervention. The business idea and progress should be measured, but Tushiyah believes that it is also very important to assess the individual behind the business. ♦

More information is available at
www.tushiyah.co.za
or email abigail@tushiyah.co.za.



Small Scale Mining and Beneficiation Division

Mintek's effort to

rehabilitate and fertilise the soil



Soil in most parts of sub-Saharan Africa is being overexploited. This is especially true in South Africa where small-scale farmers in remote areas cannot afford large quantities of fertiliser.

Having realised that a productive and sustainable agricultural system is key to the wellbeing of a country, Mintek's Small Scale Mining and Beneficiation Division (SSMB) developed Biomin. Biomin is a low-cost soil ameliorant made from a combination of minerals and various biological waste products. It has the ability to rehabilitate and re-mineralise the soil.

Biomin assists in rapid mobilisation of the nutrients essential for plant growth, which are combined with other organic materials to enhance the properties of the soil. To date, the Biomin product has been applied to soil in several places in South Africa and the results are promising. Various farmers can already see an increase in yield over the control plants.

When applying Biomin to the soil, the added micro and macro nutrients lead to increased plant growth. In turn, plant growth leads to a decrease in soil erosion,

an increase in the organic matter that adds to the biological activity in the soil, a balanced pH of the soil and improved water retention.

Biomin is not only useful for farmers with poor quality soil. The product also has the ability to rehabilitate soil in coal mines and re-mineralise acid-damaged soils.

Run by young members of the local community, a Biomin pilot plant has been established at the Lyttleton Dolomite Mine in Marble Hall, Limpopo Province. As part of its mandate to create jobs and skills development in rural and marginalised communities, SSMB supplies Biomin, as well as the required training and technical support.

The Biomin programme is especially relevant in the context of the global food crisis, sustainable development, sustainable livelihoods and mine rehabilitation. ♦

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Ms S Shabangu, Minister of Mineral Resources and Mr DD Mabuza, Premier of Mpumalanga Province

Mining

Lekgotla



Resolutions:

**Mpumalanga
Mining Industry**

On 1 and 2 November 2012 a large number of stakeholders in the Mpumalanga mining industry gathered to discuss a number of developmental issues related to mining in South Africa. Acknowledging the challenges facing communities in which Mpumalanga mines operate, attendees discussed ways of making a difference.

The result was a number of exciting resolutions. All parties committed to the establishment of an Academy for Mathematics, Science and Technology as well as a High Tech Centre of Excellence. The purpose of both the Academy and High Tech Centre is to develop the provincial skills base in terms of mathematics, science and technology, but also to support artisans and agricultural skills.

These, and other important commitments, are described in the full resolution document below.

Mining Lekgotla Resolutions– 1-2 November 2012

Government, Business, Labour, and Community

Government Representatives, Mine Management Representatives, Traditional Leadership Representatives and Union Representatives



in Middleburg, Nkangala District Municipality, Mpumalanga Province on the 1st and 2nd of November 2012, for the Mining Lekgotla, under the theme “Mining for sustainable development”, to engage on issues pertaining to the mining sector and its contribution towards sustainable growth and development.

As social partners:

We RECOGNISE that unemployment, poverty and inequality continue to pose various challenges to our people in the Province.

We also RECOGNISE that the mining sector is facing various challenges that threaten the stability of the local economy and communities.

We ACKNOWLEDGE that it is through our united and collaborative effort that we can protect and transform the industry towards fostering a meaningful contribution to economic development and job creation.

We therefore, COMMIT ourselves to work together:

To enhance human capital development through, but not limited to, the establishment of Maths, Science

All parties committed to the establishment of an Academy for Mathematics, Science and Technology as well as a High Tech Centre of Excellence.

and Technology Academy; the establishment of a High Tech Centre of Excellence to increase the skills-base in the province, prioritising, inter alia, artisan and agricultural skills;

support the establishment of the University as well as the provision of bursary scheme targeted at learners;

We also COMMIT ourselves to work together:

To focus on infrastructure development and urban renewal through the rejuvenation of mining towns to promote basic, social and economic infrastructure development within the context of sustainable human settlements; to support the Coal Haulage Network initiatives and to realign Social and Labour Plans (SLPs) with Integrated Development Plans (IDPs) of municipalities and collaboratively align our SLPs to create maximum impact.

We COMMIT to engage other strategic sectors such as metals and steels, petrochemicals and energy to participate in this initiative.

We further COMMIT ourselves:

To develop and promote small businesses and cooperatives in order to stimulate local economic development focusing on the establishment of Industrial Parks for capacity building and also enhancing procurement spend of mining houses with particular emphasis on the previously disadvantaged groups;

We also commit ourselves to support and promote sustainable development and the protection of the environment through rehabilitation and making land available for productive use, particularly for agriculture activities.

These commitments we are making today cannot be implemented without the willingness of all parties to work together to address the triple challenges confronting our people.

Working together we commit to do everything in our power to implement the Programme of Action that was adopted at this meeting and to achieve all the objectives that we have set in this Lekgotla.



Mr SK Mashilo Executive Mayor, Nkangala District Municipality and Mr MN Mokoena MEC: Economic Development, Environment & Tourism

We commit ourselves to finalise detailed action plans for the identified priority programmes within a period of three months.

We agree to setup an institutional structure to implement the agreed Programme of Action (POA).

IT IS THEREFORE AGREED THAT THIS IS THE DOCUMENT REFLECTING THE COMMITMENTS OF STAKEHOLDERS HEREBY UNDERSIGNED ON THIS DAY OF THE 2nd OF NOVEMBER 2012, MIDDELBURG, NKANGALA DISTRICT MUNICIPALITY, IN MPUMALANGA. ♦



Collaboration

Key for Sustainable Transformation in Mining



Transformation Indaba 2012 – Thabo Masombuka (Flotytouch), Lia Vangelatos (Anglo American), Gill Fenwick (Siyakhula Trust), Ornet Nene (Industrial Development Corporation), Freek Cronje (North West University)

By Lorna Ernst

For South Africa's mining industry, the road to achieving sustainable and tangible transformation delivery remains as distant as it was almost a decade ago when the mining charter was first adopted because of the industry's failure to stand together.

Managing Transformation Solutions (MTS) believes the fragmented and individualistic approach adopted by the majority of mines mostly explains why many well-meaning initiatives have failed over the past eight years.

The challenge lies in satisfying all stakeholders – government authorities, investors, employees and communities while at the same time ensuring the business of mining remains viable and profitable.

Whilst numerous projects have started to comply with the Mineral and Petroleum Resources Development Act (MPRDA) objectives of economic and skills growth of communities, the majority have failed to live beyond the direct involvement of mining houses. This despite the increased spend on local economic development projects in recent years. Further, it appears that these projects frequently fail to

meet the expectations of stakeholders.

It has been MTS' experience in the past couple of years that the country's mining industry needs to adopt an integrated and inclusive approach in order to design sustainable local development models for host communities. We have seen collaboration work in provinces where we operate.

Our expertise and knowledge of the various communities have enabled us to identify and leverage synergies between different mining houses, the local authorities and traditional leaders to ensure a holistic approach to sustainable development initiatives in mining communities. We advocate for a regional approach based on collaboration amongst all role-players with a view to high-level, long term strategic development interventions.

It is common-cause that several of the same or similar stakeholders within a region face similar challenges in their approach to comply with the goals of the MPRDA – whilst other key role players in the same or broader region hold the solutions to the removal of these barriers. By not working together it becomes

Transformation Indaba 2012 – Songezo Zibi (Xstrata SA), Ichumile Gqada (South African Institute of International Affairs), Thambo Masombuka (Florytouch), Peter Leon (Weber Wentzel), Peter Tamane (South African Mining Development Association)



difficult for stakeholders to address challenges to produce outcomes which are not as easily or effectively accomplished by working independently.

Collaborative relationships are attractive to organisations because the synergies attained by combining efforts/ expertise produce benefits greater than those achieved through individual effort. This was confirmed by industry during the Transformation Indaba 2012.

Historically, Local Economic Development (LED) initiatives have been the responsibility of a person or department at the mine, often in isolation of other business units and general technical or experienced support. The identification, planning and implementation processes have centred around individual projects often in 'competition' with neighbouring operations or even municipal projects.

The isolation associated with LED initiatives amongst the majority of industry displays a reluctance to work in partnership with other mining houses, technical partners or government.

Our recently implemented structure of Regional Transformation Managers has assisted to facilitate strategic horizontal linkages across a region and support the direct delivery of our services and products to clients within their regions through the team of Transformation Advisors. Our Transformation Advisors possess a range of skills and expertise within the field of transformation including Local Economic Development (LED), Human Resources Development (HRD), Employment Equity (EE), Broad Based Black Economic Empowerment (BBBEE) and enterprise development.

Breaking down internal and external silos in respect of all aspects of a mine's interventions in a community, from LED, enterprise development, local procurement

to stakeholder engagement, is fundamental to establishing a sound and inclusive approach to stable community relations. This will establish a strong foundation upon which sustainable interventions can be identified and delivered with all stakeholders on board from the outset.

Mining companies have a responsibility to leave a legacy in the communities they operate long after the digging has stopped.

A further key consideration is the appropriate incorporation of technical partners who possess the relevant expertise to deliver various components of development interventions, particularly those that emanate from the host community. Internal structures such as SLP Forums or LED Forums held monthly contribute substantially, not only to information sharing across operations but also to improved resource usage and common understanding of objectives and standards for stakeholder engagement.

Mining companies have a responsibility to leave a legacy in the communities they operate long after the digging has stopped. This impact however can only be achieved through partnerships and an integrated approach. For transformation to be fully achieved, collaboration is the true catalyst.

Lorna Ernst works as a Regional Transformation Manager for Managing Transformation Solutions, a dynamic consultancy specialising in the management and implementation of transformation as a holistic business requisite. She is responsible for developing key regional strategic relationships with and between the various stakeholders so as to expedite collaborative connections and synergies in support of regional socio-economic development. ♦

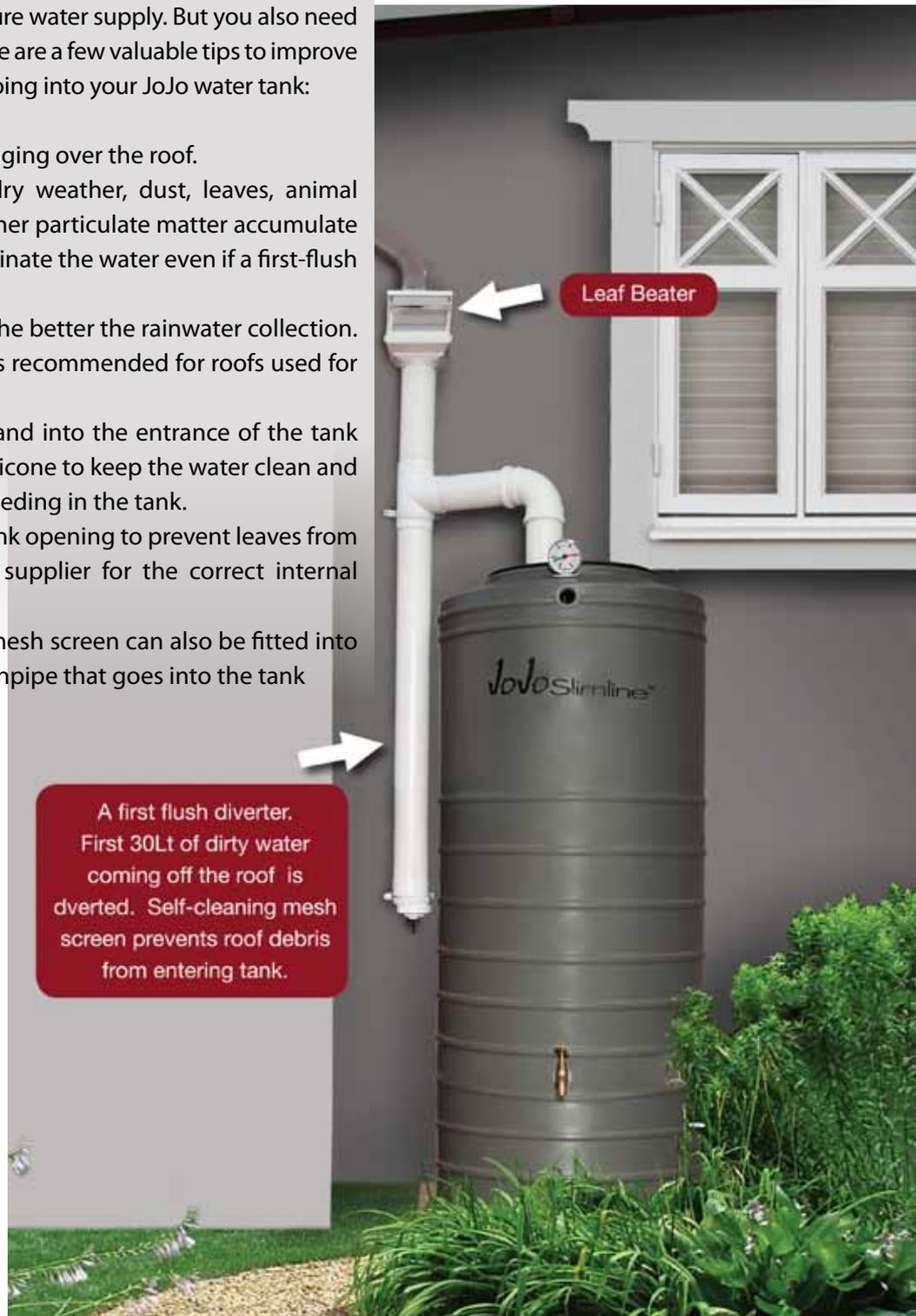
WATER QUALITY

in your water tank

Now that you have a water tank and are harvesting rainwater you have a reliable and secure water supply. But you also need to keep the water clean. Here are a few valuable tips to improve the quality of the collected water going into your JoJo water tank:

1. Prune back trees and plants hanging over the roof.
2. Keep the roof clean. During dry weather, dust, leaves, animal excrement, dead insects and other particulate matter accumulate on the roof and this can contaminate the water even if a first-flush diverter has been installed.
3. The smoother the roof surface the better the rainwater collection. Tiles, metal or plastic sheeting is recommended for roofs used for rainwater harvesting.
4. The downpipe into the gutter and into the entrance of the tank must be properly sealed with silicone to keep the water clean and to prevent mosquitoes from breeding in the tank.
5. Install a mesh screen into the tank opening to prevent leaves from entering. Ask your JoJo Tanks supplier for the correct internal screen for your tank.
6. As an additional precaution, a mesh screen can also be fitted into the gutter leading into the downpipe that goes into the tank
7. Add a first flush diverter. The first rain after a dry period removes dirt from the roof. The first flush diverter ensures that this dirt does not enter the tank.

Keeping water clean by following these tips from JoJo Tanks, will greatly improve the quality of the water stored. Rainwater harvesting provides FREE water for a variety of domestic purposes including cooking, washing, cleaning, watering the garden, cleaning cars and driveways, and flushing toilets. ♦





A case study in **educational excellence**

in Bodibe, North West



Foundation, Their contributions have made a lasting and sustainable difference in the education sector. By partnering with companies and other stakeholders, we are creating an environment conducive to teaching and learning.

Our model of Whole School Development directs corporate social investment (CSI) towards the development of education in disadvantaged schools across the country. By addressing the myriad of challenges faced by schools, we have seen real improvements in the academic, infrastructural, social and security environments in the school communities.

The Lafarge Education Trust has embarked on a

Access to quality education for South Africa's children and youth is an essential building block of the nation. The challenges facing education have negatively affected the quality of life of many South Africans. By partnering with the Adopt-a-School Foundation, many mining and manufacturing companies have heeded the call to provide access to quality education in the areas in which they operate. As they have embarked on this journey with Shanduka

journey with the Adopt-a-School Foundation through the adoption of 37 schools in Bodibe Village in North West and in Mzimela in KwaZulu-Natal.

The Bodibe Story

In 2009, the Adopt-a-School Foundation began working with the Lafarge Education Trust in Bodibe Village, North West. Through our model of Whole School Development significant and, most important, sustainable improvements have been made, not only in the schools but also in the surrounding communities.

Coordinated by the Adopt-a-School Foundation, a number of stakeholders have played a critical role in the success and longevity of our interventions. Some of these stakeholders include the Department of Basic Education, the Bodibe schools and community, the Lafarge Education Trust and a number of NGOs and service providers. Through the facilitation of these relationships, we are able to ensure that challenges and risks faced through the duration of the interventions are overcome. The Foundation was able to successfully engage all the stakeholders in the community and obtain their support.

Over a thousand learners and over 200 educators have benefited from our focused interventions. Our initiatives created six hundred temporary jobs in the local community and benefited numerous SMMEs. Our multifaceted model has seen executive leadership training for principals, as well as training in computer skills, language and literacy for educators. Environmental clubs have been set up and learners have benefited from both eyesight testing and dental care programmes. One administration block, 16 classrooms and three ablution blocks have been built and six schools have been renovated. Four libraries, four computer centres and a science laboratory have been built, stocked and equipped. Soccer and netball leagues have been established and sports kits provided to all the schools.

Although much has been done, there is still work to do and together with our stakeholders, we are committed to continued involvement in the community. Our impact has been tangible and we have become a recognised NGO in the education sector.



We have seen schools take ownership of the change they wanted to see. They have been empowered to continue to achieve and succeed. Matric pass rates have increased and there has been a noticeable impact on the self-esteem and motivation of both learners and educators.

Through partnering with the Adopt-a-School Foundation in your community, you will receive the following benefits:

- Tax exemption for the amount donated.
- BEE accreditation.
- Prudent financial management of your donation.
- Acknowledgement by the Foundation as a key anchor donor on our website, at our events and in all marketing materials.
- Changing lives through the sustainable improvement of basic education.

To date, over 167 schools have been assisted or are under adoption by the Adopt-a-School Foundation. The Foundation is registered as a Section 21 company with PBO status and has an independent Board of Directors. It works with provincial and national governments and cooperates with various bodies involved with education. ♦

For more information about the work we do, please contact Keri Francis, Communications and Fundraising Manager, Adopt-a-School Foundation
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Charity Golf Days



The Mining CSI Team was invited to an Annual Charity Golf Day in Mpumalanga Province. The Golf day was organised by a mining company, which used the event to raise funds for charities within its areas of operations. The event has raised enough funds to distribute R50, 000 to each of the five charities chosen by the company. The event has become a must for mining suppliers, mine managements and any golfers wishing to make a difference. The event provides a fun and relaxing way to give back to the community.

Eskom's 49 Million Charity Golf Day was held on 23 November 2012 at the Royal Johannesburg & Kensington Golf Club. This Charity Gold Day was Eskom's second annual event as part of the energy

saving campaign, 49 M. The event is endorsed by the Minister of Public Enterprise, Mr Malusi Gigaba and spearheaded by Eskom CEO, Brian Dames.

Eight charities throughout South Africa received R100, 000 each from this golf day. This is one of the best vehicles companies can use to benefit their local communities. On his speech, Brian Dames used the opportunity to encourage South Africans to save energy by using electricity wisely and to create a brighter future for all South Africans. He also invited corporates to partner with Eskom in using the variety energy saving tools available at Eskom. ♦

More priceless moments will be made possible with the R33 Billion investment in port capacity



You'll be amazed at the wide range of goods that are imported every day. From small soft toys to cutting-edge electronic devices, tons of merchandise is handled through our terminals. We do this with passion and dedication because we know there's always something special for someone special every day. **We are the backbone of the economy and we will stop at nothing to keep everything moving.**



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