

Mining CSI

Local Economic Developments by Mines

Volume 13 • 2016



A HAPPY FAMILY

Lindiwe Khoza
with her kids at their
new home built by
Evander Gold Mining

ALSO IN THIS ISSUE:

JUNIOR INDABA – Africa awaits Junior Miners

DE BEERS – Launch Road safety in Limpopo

BARLOWORLD – Empowers women

INYATSI CONSTRUCTION – Ready to work with public sector

SASOL – Partners DTI to create Industrialists

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2016 JUNIOR INDABA

For explorers, developers and investors in junior mining

1 – 2 June 2016

Country Club Johannesburg, 1 Napier Road, Auckland Park

Junior to mid-tier mining • Exploration • Investment • Africa

- Strategic thinking and interactive conversation about the junior mining sector
- An overview of diverse investment opportunities in key commodity sectors
- Interaction between investors and project owners around Africa

SPEAKERS TO DATE INCLUDE:

Bernard Swanepoel

Neal Froneman, CEO, Sibanye Gold

Peter Major, Mining Policy Consultant,
Cadiz Corporate Solutions

Niel Pretorius, CEO, DRD Gold

Kevin Hodges, Mining Industry Champion,
Industrial Development Corporation

Rob Still, Chairman, Pangea Group

Sacha Backes, Senior Investment Officer, Mining
Investment Division-Africa, International Finance
Corporation

James Campbell, CEO Rockwell Diamonds

Andy Clay, Managing Director, Venmyn Deloitte

Tony Harwood, President & CEO, Montero Mining

Richard Linnell, Non-Executive Chairman,
Acrux Resources

Paul Miller, Mining and Resources Investment
Banker, Nedbank Capital

Mike Teke, Founder and Chairman,
Masimong Group

Sean Bennett, CEO, Elemental Minerals



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The 2016 Junior Indaba, for explorers, developers and investors in junior mining, is brought to you by Resources 4 Africa, the organisers of the Joburg Indaba.

Please refer to website for continually updated speaker list and agenda developments.

Editor's Note

Junior Mining Indaba 2016 will be staged in Johannesburg on 1 and 2 June where many challenges facing junior miners will be tackled by experts in the field. The 2016 Junior Indaba program recently launched is not for the faint hearted. Frank, open and earnest discussions can be expected from a gathering of the industry which will include legends such as Neal Froneman, Rob Still, Johan Dippenaar, Andy Clay and Richard Linnell amongst others.

Evander Mines, which is the subsidiary of Pan African Resources is doing a great job in turning the old hostels into family housing for its employees as required by the mining charter. This is in line with government's objective to eradicate single sex hostels going back to the old system. In this issue we feature a story of progress and empowerment in this regard to provide employees with dignified human settlement, read more on page 4 to 6 on this inspiring story of which every mine still with hostels should emulate.

There is nothing more refreshing than to hear DMR Minister praise a mining company on work well done on their SLP delivery as per the commitments made. The minister was speaking at the launch of Union Mine SLP project in Limpopo where communities will benefit from the infrastructure development built by the mine. Read the minister's praises on page 8 of this issue. The president also acknowledged the challenges facing the mining industry and hence he introduced the Mining Phakisa initiative to assist mining sector, see page 18 on this story.

On page 14 read the interview of Frans Pienaar, Chairman of Inyatsi Construction on how the construction industry can contribute more to propel economic growth and job creation to boost South African economy by working together with government to invest more in infrastructure built programme.

Mining CSI is proud to partner with Chamber of Mines in order to showcase achievements done by mining companies as far as Social and Labour Plans projects are concerned. It has been proven time and again that lack of communications by mining companies to their communities has led to many protests. While we know mining companies spend millions every year on their SLP's, many communities are not aware of these and they protest against the very same companies that assist them. A classic example happened on the 21st April at Anglo American Head Office in Johannesburg, when mining communities picketed outside on the cold rainy day, accusing the company of doing nothing for them. However, we know that the company has done so much for its communities, but the people are not well informed of these projects.

Read more interesting stories packed in this issue, and until next time we hope you love this issue!

Enjoy the magazine!

Moses Sibuya

Managing Editor



MiningCSI

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Cover picture: © Sphiwe Ndala

Published by: Sagis Data CSI Projects
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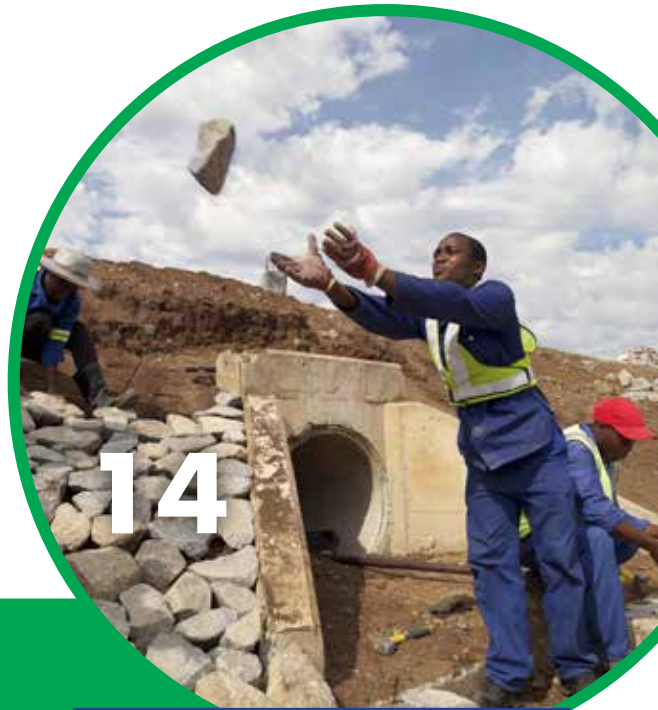
Magazine Consultant: Godfrey Khoza

Advertising Sales: Michelle Dondolo

Research: Moses Sibiya

Distribution: Junior, Joburg & Mining Indaba

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New homes



Evander Gold Mining

Revolutionising the mining accommodation landscape



Old hostel

Left: Lindiwe Khoza standing
in front of her house



Right: Kids playing at their new home environment at Muzimuhle Village

Below right: Lindiwe Khoza, a mechanical engineer, with her two children, Khensani and Bongani at Muzimuhle Village housing unit



Evander Gold Mines, previously owned by Harmony Gold Mines and later sold to Pan African Resources has taken caring for their communities to heart, with the implementation of a series of revolutionary Social & Labour Plan projects.

Muzimuhle Village

Once the family units are complete, residents will be given the opportunity to buy the homes, rather than just renting them from the mines.

In a further show of compassion for the community, Evander Gold Mines has converted the old hostel block at Winkelhaak hostel into a primary school which currently benefits 290 children, and on completion of the next phase will accommodate 600 children.

Lindiwe Khoza, a Mechanical Engineer living in the newly renovated family units says that she is grateful to the mines for building and subsidising the residents because she is now able to live in a safe environment with her two children, Khensani and Bongani, who are also able to attend school near their home.



“It is satisfying to see that the employees are happy in their homes and that the burden of not living with their families and children has been taken off their shoulders”

Winkelhaak Cemetery

The first of which includes the revamp and maintenance of the Winkelhaak Cemetery – a cemetery established in the late 1950s, where close to 1000 miners are buried in unnamed graves, only identifiable



Left: Winkelhaak Cemetery; Above middle: Xololwethu Bakery co-op members at work; Above right: Xololwethu Bakery

by numbers. The last burials took place in the late 1980s and the graves are said to be of predominantly miners from the SADC region who worked for Union Corporation Mines, previous owners of Evander Gold Mines, and died of mine-related accidents and natural causes.

There is a possibility of non-mine employees having been buried on the site, such as MK veterans, but change of ownership over the years has contributed to the loss of information/records of the deceased and so Evander Gold Mines has now taken it upon themselves to form a committee, together with Home Affairs and the SAPS, to research and track the deceased's families, so as to identify them and give them lasting dignity.

Through the process, the previous mine-owners will also be taken to task for the way in which they handled the deaths and burials – with it being rumoured that their families were notified by means of a telegram and if no response was received in 10 days, the employee would be buried with no name and only a number to mark their grave.

Stated Anthony Maki, HR Manager at Evander Gold Mines. "Those buried at Winkelhaak Cemetery deserve to be remembered and we intend to hold the previous owners accountable. The fact that the cemetery is located so close to the hostel is also a concern and we are in the process of providing employees living in the hostel with improved living conditions which include,

amongst other projects, the converting and renovating of 42 old hostel rooms at Muzimuhle Village into family units accommodation, whilst at the same time looking at solutions together with the local Govan Mbeki Municipality to the illegal squatting problem that is seeing our hostels and family units vandalised and the cables stolen".

Xololwethu Bakery Project

"We want to support our employees in every way possible and while one of our main priorities is building homes for them, we take great pleasure in contributing to job creation by the building of a R6.5 million bakery with state of the art machinery in the Embalenhle township, a co-op between the mine and members of the community in collaboration with the local municipality".

"It is satisfying to see that the employees are happy in their homes and that the burden of not living with their families and children has been taken off their shoulders", concludes Mr Maki. ♦

For more information on Evander Mines, visit:
www.panafricanresources.com/about-overview/



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In 2014 Tushiyah was awarded the Capital City Business Chamber (CCSB) award for business excellence demonstrated in uniqueness, profitability, entrepreneurship and outstanding service. Director Abigail Khuluse also won the South African Council for Business Women "Business Woman of the Year" award in 2014 and the entire team, consists of highly-experienced and qualified programme managers, business advisors and experts.

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Director Abigail Khuluse

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Minister Zwane announces mining industry **SPECIFIC BURSARIES**

Mineral Resources Minister Mosebenzi J. Zwane (MP) has on 11 February 2016, announced that five mining industry specific bursaries will be available to participants of the Mining Indaba Young Leaders Development Programme. The programme was launched at the 2016 Investing in Africa Mining Indaba held in Cape Town. It is a platform for those who have recently graduated or who are studying at Masters level and want to develop a career path in the mining sector. The programme is designed to enable interaction between skilled graduates and the mining sector to help students focus their studies and graduates to get a clear perspective

on what skill sets the mining industry is and will be seeking.

Speaking at the programme launch, Minister Zwane encouraged leaders in the mining sector to prioritize human capital in order for the sector to flourish and remain sustainable. "The industry is looking for energetic, highly disciplined and committed young people," the Minister said. Minister Zwane cited transformation, health and safety of mine workers, beneficiation of minerals and the finalization of policies governing the mining industry as priorities for the department this year. ♦

Minister Zwane addressed **Anglo American SLP Project launch**

On the 18 March 2016 Minister Zwane calls for greater coordination between mines and government. Mineral Resources Minister Mosebenzi Zwane (MP) has called for greater coordination between mining companies and government at national and local level. This will ensure that social and labour plans respond better to the needs of host and labour sending communities. "It is extremely important for industry to serve the needs of communities where it operates, as well as those from which it sources labour," the Minister said. Speaking at the launch of social and labour plan projects by Anglo American Platinum's Union Mine, a joint venture with the Bakgatla ba Kgafela Traditional Authority, Minister Zwane commended the work of all stakeholders in ensuring that these projects

were completed, in line with commitments made by the mine as a prerequisite for the granting of their mining right.

"With greater collaboration we will be able to achieve even greater things for our communities, so that we can indeed realize the objectives of the Mineral and Petroleum Resources Development Act (MPRDA) - that the people derive sustainable benefit from the minerals beneath the soil," Minister Zwane said. "The Mining Charter is clear on the objectives that must be met by each right holder, and we commend those who have embraced this, and have not just treated it as a matter of compliance. ♦

South African Chamber of Mines

Creating and Maintaining a Safe Working Environment

The Chamber of Mines remains committed to a vision of zero harm in which every mineworker returns home unharmed every day. We aim to have a world-class safety performance in the South African mining industry by working closely together with our tripartite partners in government and labour. Through the tripartite Mine Health and Safety Council, the Chamber participates actively in the implementation of the Tripartite Action Plan on Health and Safety that leaders agreed in 2008.

While there is still a long way to go, the industry has achieved a notable improvement in its safety statistics over the last decade.

THE CONTRIBUTION OF MINING TO SOCIETY IS SUBSTANTIAL

Mining industry has been going through a rough period in the last few years due to slow global economic growth which has affected the mining industry negatively which in turn has affected South African economy to slow down significantly. While the South African economic growth has been revised to grow at less than 2 percent by the world bank this year, it is important to reflect at some interesting stats in the mining industry in the last few years.

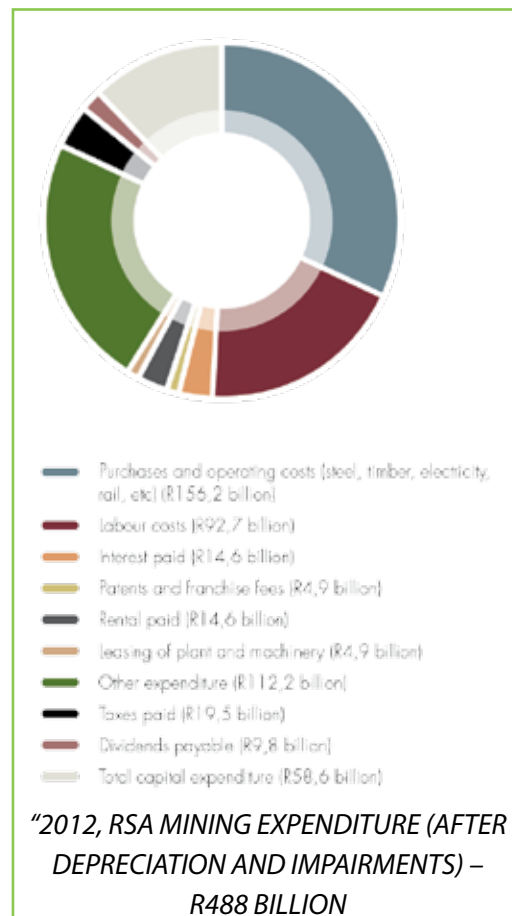
The contribution of mining to South African society, including community, enterprise and skills development is substantial:

- When reviewing the top ten mining producers in SA8,

approximately R2,4 billion was spent on community development in 2012.

- In 2012, approximately R2 billion on Human Resource Development, and a further R330,5 million was granted in scholarships and bursaries for that year. Of the R330,5 million- approximately 5168 bursaries were awarded to non-employees.
- In 2012, the top ten spent some R4,9 billion on learnership programmes and further R1,7 billion in ABET training.
- In 2012, a further R7,4 billion was spent on artisans training and other training initiatives.
- The industry provides a substantial healthcare base and helps provide care to mine employees and their families.

- The industry has made substantial progress in phasing out single sex hostel accommodation, and in conjunction with many municipalities and mining communities has helped provide access to housing and community services. ♦



Sources:

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2. Statistics South Africa, Quarterly Financial Statistics, December 2012
3. Eskom Results, Integrated Report, 31 March 2013
4. Economics Advisory Unit, Chamber of Mines
5. Mining Qualifications Authority, Analysis of Workplace Skills Plans, draft report 31 March 2013
6. The 2013 Budget Review
7. South Africa Survey 2012, South African Institute of Race Relations, published November 2012
8. Top ten mining companies Community & Sustainable Development Reports, Mining Charter Reports: Anglo American SA, AngloGold Ashanti, African Rainbow Minerals, BHP Billiton, Glencore Xstrata, GoldFields, Harmony Gold, Impala Platinum, Lonmin Platinum and Sasol Mining.

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GREATER RAPE INTERVENTION PROGRAM (GRIP)

GRIP intervenes where few NGOs dare to go! A terrain which breeds pain and conflicting feelings of hate and love for the perpetrators and survivors, where rape and sexual abuse is within family structures. Vivacious MAMA Lungile Kubheka (I) indicates that 66% of the thousands of rape cases per year are by known people and 34% by unknown people. GRIP uses an integrated and holistic approach to effectively address this social ill.

Set in the heart of Nelspruit,

Mpumalanga, this unique NGO boasts a multi-disciplinary team of correctional, health and social services. With this team, GRIP is able to support, facilitate, enable, persecute, lobby, treat and educate in its intervention. In each of its services mentioned above, GRIP has innovatively created an oasis of relief and comfort, a place of safety and beacon of hope for survivors. All GRIP needs is your support to give these survivors a chance to bounce back and become much more in society!

GOEDGEDACHT's POP PROGRAM



"How do we escape poverty when we live in this rural and remote area?" was the question asked by the forgotten young people living in the farmlands of Riebeeck (Western Cape). An area riddled by poverty, alcohol abuse and its devastating effects of foetal alcohol syndrome. This environment has nothing to offer to young people.

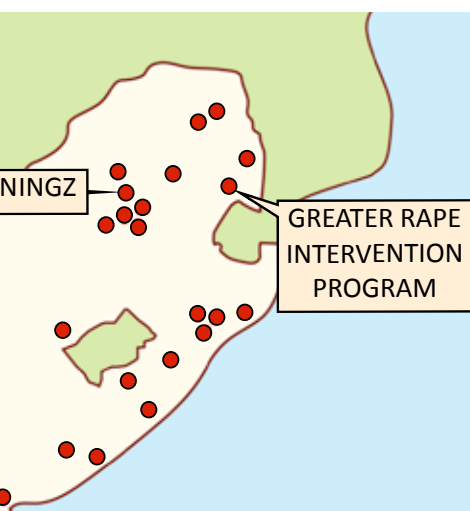




"You need a path out of poverty" replied mama Ingrid Lestrade. *"We will create that path and help you walk it."* It was coined the POP (Path Out of Poverty) program.

This has resulted in 10 POP centres from 10 different areas of the Paarl region in Goedgedacht since its establishment. 10 symbols of hope, growing one POP centre at a time. Today, Goedgedacht provides over 15 000 children with smiles and HOPE to walk out of poverty! Under the solid leadership of MAMA Ingrid.

Assist our youth to get out of poverty by contributing to opening more POP centres in more communities and other areas of South Africa!



NEW BEGINNINGZ

New BeginningZ is exactly that! A fresh start! An opportunity to make a turnaround. Led by the dynamic MAMA Tahiyya Hassim, who is herself a breath of fresh air, the organisation has flourished in spite of unemployment, high rates of teenage pregnancy and xenophobic attacks amongst others.

The organisation works together with the community of Itireleng, Laudium (Pretoria) to face these challenges head on. Offering a home for *abandoned newborn babies* to receive love and care of the highest standard. They operate an effective

toddler's centre catering to the most disadvantaged children and the youth centre which offers homework support, sports development, arts and culture programmes, etc.

One can sense the pride the community has in the work that is being done together with New BeginningZ. *"Angels that walk amongst us"*... these are the words used to describe the people that have made it their life's mission to better the lives of people living in the Itireleng community and beyond.



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Lessons from Mine Safety Successes inspires De Beers to launch 'Choose Life' Road Safety Campaign in Limpopo



On the 15 March at Musina, Limpopo Province, De Beers in partnership with the Limpopo Department of Transport launched an aggressive hands-on initiative to rectify unsafe driver behaviour by ensuring that road users understand how the choices they make on our roads can save their lives. The project marks De Beers commitment to extend its safety focus beyond its operations at Venetia Mine and into the communities of Musina and Blouberg region and test the effectiveness for possible application elsewhere.

School children, drivers of all types of vehicles, pedestrians, government agencies and local

municipalities were engaged and will continue in future. This will be achieved through school road shows, community radio drama series and a multi-stakeholder symposium that attracts strong collaboration from the taxi associations and members of the transport industry in the test region.

De Beers Consolidated Mines CEO, Phillip Barton called communities to action saying, "While progress has been made to reduce fatalities on our roads, the pace of change is slow and more effort and focus is required. Our safety lies in our own hands. At De Beers, safety is a deep-seated meaningful value in our business and this Easter we want to work with those who can by their commitment and correct action take our duty of care beyond our own tightly managed safe workplace, into our homes and onto the streets and our roads in Limpopo."

Hundreds of stakeholders and community members supported the event including the Deputy Director of Transport, Sekgoma Langa. Local taxi associations also showed their support, with Chairperson of the Musina Taxi Association, Kaizer Phiri saying "The Musina Taxi Association appreciates that the private sector has partnered with government to help find solutions to the challenges faced by our community. We believe this campaign will help many people and that education and awareness will go a long way to creating safer conditions for all road users." ♦



Drivers from De Beers Venetia Mine, DBCM CEO, Phillip Barton, Dept. Director of Transport for the Limpopo of Transport, Sekgoma Langa and Venetia Mine General Manager, Ludwig von Maltitz as they pledge to 'Choose Life'.



Eight women selected for Barloworld Equipment's new

graduate development programme

Pic above: The class of 2016 with Shane Fitzpatrick, BWE Executive Director: Sales and Marketing.

Barloworld Equipment launched its new graduate development programme on 27th January 2016 in Johannesburg.

The earthmoving equipment company has been at the forefront of training engineering (and other) graduates for many years, many of whom have taken up leadership positions within the organisation. The graduate development programme is a 24-month work-integrated learning experience. It is structured to ensure graduates gain the broadest work exposure possible in Barloworld Equipment's key operational areas and an in-depth knowledge of the workings of each business unit.

The programme is a Barloworld Equipment southern Africa initiative. The company operates in 11 African countries including South Africa, Lesotho, Swaziland, Namibia, Angola, Malawi, Mozambique, Zambia, Zimbabwe, Botswana and the Democratic Republic of Congo.

Investing in its people is a top priority for Barloworld Equipment and in 2014 the company spent in excess of R304 million on staff training. A key focus area is diversity and inclusion, which is taken very seriously by the company's leadership and informs company policies and decision-making processes. This includes gender diversity, with Barloworld Equipment committed to growing the number of women engineers and artisans in its ranks. Various studies have shown that companies

with gender-diverse leadership perform better, deliver better results and higher returns for their shareholders.

"That is why I am extremely delighted to announce that of the 10 graduates on our programme this year, eight are women, seven of whom are engineering graduates and one an IT business management graduate," said Francis Graham, Barloworld Equipment Executive Director: HR.

He added that the high-value investment Barloworld Equipment is making in the programme is an investment in the company's future. "We see a massive shortage of skills in the top leadership tier in the fields of engineering, mining and technical. What we're aiming at is building the future leadership of our company and a specialist skills pipeline. We want to ensure we have a pipeline of female engineers and women in specialist technical roles within the organisation."

Each graduate is assigned an engineer as a mentor to walk the two-year journey with them. The mentors will provide expert advice and guide graduates as they gain organisational knowledge and learn about Barloworld Equipment's operations, processes, policies and culture. ♦





Frans Penaar, Chairman of Inyatsi Construction

Construction Industry *appeals for more collaboration* between Private and Public sector

In a recent address by President Jacob Zuma on his 2016 Budget speech, it was acknowledged that investment towards infrastructure needs to be enhanced and sustained both to underpin economic growth and address spatial inefficiency and fragmentation. It emphasises that employment creation has to be accelerated if growth is to be inclusive, and that income security for all relies also on appropriate social development programmes amongst others.

With this background, Mining CSI Editor had an interview with Frans Penaar, Chairman of Inyatsi Construction.

Editor: Give us a background on what Inyatsi Construction is all about?

Frans Penaar: Inyatsi Construction is the company



that operates throughout Sub-Saharan Africa providing the whole range of constructions products such as roads, earthworks, airports, dams, railway lines, concrete structures such as bridges, etc.

Editor: What are some of the challenges facing construction industry in SA?

Frans Pienaar: You will be aware that our government has a huge ambitious infrastructure programme such as building of dams, electricity infrastructure pronounced by the president on his state of the nation address. However, most local municipalities lacks capacity do deliver these infrustructures as far as service deliveries are concerned due to lack of skills in some instance. And we believe strongly that the private sector can help to deliver some of these projects for the public sector fostered by good cooperation between private and public stakeholders. There is also a trust deficit between the two sides due to the collusion that took place for the 2010 world cup built programme.

Editor: What do you think can be done to repair the trust deficit?

Frans Pienaar: Settlements have been made between the private companies and the institutions after penalties were imposed. We believe the industry has learnt from this chapter and would like to move forward working together with government. This has led to slow growth for construction industry in the last few years which also affect the economic growth leading to little job creation projects.

Editor: What is your wish for the construction industry and the country going forward?

Frans Pienaar: Partnership is critical between government and private sector in order to deliver the infrastructure built projects in the country. Government has the money to deliver infrastructure to the country,



and we as construction companies just need a chance to implement the projects on behalf of the government and we are also open to transformation of the industry as that is one of government's objectives to transform the country's economy.

Editor: The President has earlier this year initiated collaboration between government and private sector of which the first meeting was held in Cape Town in February, what is your impression on this initiative?

Frans Pienaar: As a construction industry we welcome such initiative and we thank the president for making such an effort which is a great stride moving forward. We have also seen that the DTI has also started engaging with the private sector in order to work together for the economic growth of the country as the department has planned events for the next coming months and we will make sure to become part of that engagement.

Editor: What would you like to see in the next 5 to 10 year period in the country working well?

Frans Pienaar: I would like to see the restoration of trust between government and business, especially the construction industry so we can come to the table to ad more value which is not only sustainable but also bring quality of life to the people of this country. We all have to change the way we think and how thinks were done in the past in order to bring in all the positive changes which will create a bright future for the next generation. ♦



Unexplored regions

IN AFRICA await junior miners

Bernard Swanepoel, Chairman Junior and Joburg Indaba

Photographer Credit: Wynand van der Merwe

An empty pipeline in mining is a problem, and should be a major worry to industry and governments, and is an issue that will be hotly debated at the upcoming 2016 Junior Indaba on 1-2 June at The Country Club, Auckland Park in Johannesburg.

Junior Miners continue to search Africa for lucrative opportunities as well as the most competitive and amenable jurisdictions. They seek governments that facilitate exploration and provide competitive royalty concessions and those that have a better strategy to attract the all-important investment dollar.

"Moderate size discoveries cost about 300% more in real terms than 20 years ago. The mining industry faces regulatory uncertainty, lack of security on tenure, and combined with low returns for shareholders make funding virtually impossible from traditional and conventional sources", says Bernard Swanepoel, chairperson of the Junior and Joburg Indaba

The 2016 Junior Indaba program recently launched is not for the faint hearted. Frank, open and earnest discussions can be expected from a gathering of the

industry which will include legends such as Neal Froneman, Rob Still, Johan Dippenaar, Andy Clay, and Richard Linnell

amongst others who, having successful track records, are guaranteed to inspire and challenge the most intrepid explorer, developer and even investor.



Regulatory certainty, ore bodies, licensing and incentive schemes are pressing issues that African governments are constantly heeded to provide urgent attention to. A panel of delegates including Maureen Dlamini, CEO of the Zambia Chamber of Mines, will address the progress made by other African governments at the June event.

One of the burning questions facing juniors in the game today is how to turn a mine around for growth. Opportunities have arisen from the unbundling of assets and extending the life of mine. It seems "smaller" guys are making things work where bigger buys could not. Neil Pretorius CEO of DRD Gold one of the many speakers at this year's event will showcase how juniors can make money in the current environment.

So why Africa, and why now? The 2016 Junior Indaba delegates will no doubt relish the tips from junior mining entrepreneurs on how to unearth opportunities at the bottom of the cycle and take the game from Pofadder to Bond Street!

The Mining Charter is one topic that will most surely feature in the session 'Debating the elephant in the room' where delegates vote on which topic made it to the top of the pile and debate with unrivalled frankness to find a common solution for the future.

Along with the Myth Busting session with panellists including Paul Miller, Chris Hart, Mike Teke and Peter Major the 2016 Junior Indaba provides an exceptional platform to hotly debate issues and challenges facing this sector across the continent. ♦

www.juniorindaba.com

Bridges Camp Outing *to overcome racism*



"Bridges Camp was really a fun place to be - we have learned more what happens in life - not to judge people and to respect other children. We have done a drama and learned how to act in it and also got a chance to show our talents on stage." Lorenzo

The project "Bridges Camp" is an initiative that gives teenagers from different backgrounds a platform to overcome their prejudices and lower racism in our society. The founder, Juliane Hoss on how everything started in January 2014: "We just decided to organized a small camp with 18 teenagers for a week and that

showed us how important it is to give youngsters the opportunity to work together to lower racism in South Africa."

The special part of the project now is that all activities are facilitated by teenagers who are selected at previous camps to become young leaders to teach new participants. They get an opportunity to improve their social and leadership skills and learn to work hard to achieve their personal goals.

"Before I became a facilitator, I just completed all duties I had. Basically, I just wanted to get things done. Now I am trying to do everything as good as I can. I want to excel in things." Reezan

A big reunion camp in March 2016 brought together nearly 100 participants of the previous camps and was definitely a highlight for the team of "Bridges Camp". But they will continue to work towards their vision of overcoming prejudices and lowering racism. ♦

EDU4ALL 2ND ANNUAL GOLF DAY

SAVE THE DATE 12 AUGUST 2016

Annual charity golf day raising funds for tertiary education for underprivileged and deserving students



MIDDELBURG COUNTRY CLUB



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Operation Phakisa

in Mining



President Jacob Zuma

As a media community we were invited by the President to update the nation about government progress of its programmes as outlined in his SONA speech in February. The President said that at least R9.2 billion would be spent on Saldanha Bay in the Western Cape to develop it as an oil and gas hub as part of Operation Phakisa, President Jacob Zuma said yesterday. In addition, environmental authorization has been approved for the Burgan Fuel Storage facility in the port of Cape Town. Zuma said this was an investment of about R660 million and construction would begin by the end of next month.

He said the finalization of the Minerals and Petroleum Development Amendment Bill, which is currently in the parliamentary process, was designed to assist in accelerating offshore oil and gas exploration. "The aspiration of the offshore oil and gas exploration focus group of Operation Phakisa is the drilling of 30

exploration wells in 10 years. In their view, this will produce 370 000 barrels of oil per day," he said.

The president was updating the media on the progress made so far in the implementation of Operation Phakisa, a delivery methodology of the National Development Plan. The government launched Operation Phakisa late last year, starting with the ocean economy. It is part of the nine-point plan contained in February's State of the Nation address to reignite growth and boost job creation. An initial

Mining Phakisa initiative had the objective of building partnerships

study in 2010 by the Nelson Mandela Metropolitan University estimated that the oceans around South Africa have the potential to contribute about R54 billion to the gross domestic product and create 316 000 jobs. President Zuma said opportunities were being explored in various areas, one being the repairing of rigs and the servicing of vessels.

About 30 000 vessels passed through South Africa's waters every year, and 13 000 docked at its ports every year, he said. "South African only does maintenance on 5 percent of these vessels. In addition, 300 million tons of cargo on foreign-owned vessels are shipped and 1.2 million tons of liquid fuel passes along South Africa's coast. The President said in this regard, significant investment was required in new port infrastructure, including rig repairs. He also announced the launch of Operation Phakisa segments in mining and basic education.

The President said a huge number of companies were loss-making and investment in exploration and extraction had dropped significantly. "We need to work together to turn this around," he said. Mining Phakisa initiative had the objective of building partnerships between the government and key sectors in the mining to unlock investment and optimize the sector's positive developmental impacts on the economy and society. ♦

HYDROGEL WATER EXTENDER

usage and the effects on water consumption

By Sebastian Karsas, 88Chemco



Hydrogel Water Extender is an additive that is dosed in small amounts into the water truck (1L concentrate to every 1,000L of water). Hydrogel Water Extender alters the properties of the water increasing the performance for dust suppression by up to 400%. This improvement means less water cart cycles and less water used on haul roads.

Hydrogel Water Extender works through the process of mass agglomeration, binding together the road surface fines. Specifically the PM10 and below sized particles are bound to reduce the potential for fugitive emissions (float dust) and overall road dust impact and contribution.

Hydrogel Water Extender can be used on large and small scale mines and quarries to save water on permanent, temporary roads and ramps. The product because of its low dosage and reduced water application rates ensures that slipperiness does not occur.

Hydrogel Water Extender can also be used in quarries, agricultural roads and construction sites. Dosage can occur using a sophisticated 3G monitored pump or manually using 25L containers as and when required.

Hydrogel Water Extender is proven to save water on mine roads through explicit case studies and measured proof in comparison to water. Typically by adding Hydrogel Water Extender results show a 400% increase in time of dust suppression. The maths behind this indicates that by making water last 4 times longer for haul road dust suppression, application frequency significantly reduces. This is where significant savings in water used on mine roads is achieved. Further, savings in water truck diesel are also made contributing to the business case and economic feasibility in using Hydrogel Water Extender.



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Case Study - Dust suppression on coal mine to save water

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KPI	Current	Achieved
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Expected Water Cart Cycles/12 hours	8 Cycles	3 Cycles

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Using Hydrogel Water Extender



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The Sports Trust build *social cohesion* in South African communities



What is The Sports Trust all about?

The Sports Trust (The Trust) is an independent organization which was jointly established in 1994 by the private and public sectors to further sport development. The Private Sector constituting our Board of Trustees is comprised of Nedbank, Sun International, South African Breweries (SAB), Super Sport, and Harmony Gold Mines. The public sector is represented by government, namely The National Department of Sport and Recreation South Africa (SRSA); and national sports federations, the South African Rugby Union (SARU), Cricket South Africa (CSA) and The Sunshine Tour.

The Sports Trust acts as an implementation partner to its Trustees, Stakeholders and Donors by addressing transformation in terms of:

- a. Access
- b. Mass participation by all genders both able and disabled persons with an emphasis of encouraging women participation through the:
 - Construction, installation or renovation of sports facilities
 - Distributing sport equipment and kit
 - Providing effective delivery of sustainable sports

development programmes

These services are delivered

- Into disadvantaged communities in South Africa, predominantly schools
- According to the funders requirements to ensure their CSI outcomes are achieved
- To support the objectives as set out in the National Sports Plan

The Trust's orientation is currently focused on increasing access to sport in schools which further allows use by community members, resulting in an integrated sports development programmes.

How can the mining companies get involved to help advance the development of sports in South Africa?

It is important that Mining companies should take an active role to improve access to health care, education and seek to address other socio economic issues due to the impact their operations have on communities directly adjacent to their operations.

By implementing "sports development" programs within schools and communities this will help to improve relations with the local communities in which



ENHANCING EDUCATION THROUGH SPORT

they operate and through this activity the mining company can be seen to actively give back to their communities.

The implementation of the state of the art multipurpose sport courts, which provides 5 codes of sport on 1 court, has proven to be highly successful. Sports being played include: 5 a-side soccer, netball, basketball, volleyball and tennis, and the facility can be used by both able and disabled persons.

To date 51 of these have been installed in all 9 provinces of South Africa, and they are shared by the surrounding communities and schools in each area.

The school learners are encouraged to play sport at their schools and also compete in leagues, representing their schools in other competitions that are hosted. Local sports clubs are also encouraged to make use of these facilities in order to promote a healthier lifestyle.

The benefits of the state of the art facility is that it has a 20 year life span, 15 year warranty, offers low maintenance and is eco-friendly, with zero waste, and they are easily installed.

Harmony Gold Mining Company has already implemented 5 sports courts at schools in their mining communities in order to also assist with “enhancing education through sport”. In all instances where donors have come on board and utilized The Trust as an implementation partner, many underprivileged schools and communities have benefited from the improved infrastructural additions, and this also brings constructive alternatives to societal ills prevalent in many underprivileged communities.

Enhancing education through sport and providing opportunities in rural disadvantaged communities is key to empowering our youth

today. This can continue to be successful with the support of corporate South Africa and the mining sector supporting these initiatives and partnering with The Sports Trust as their implementation partner of choice for sport development at grass roots level.

Benefits of partnership with The Sports Trust for sports programmes implementation in communities and schools.

The Trust is a registered PBO with Section 18 A status and issues Section 18 A tax certificates to donors for tax purposes providing an opportunity to claim their donations. SuperSport provides TV broadcast airtime to the Trust in which various projects are profiled. The show is repeated 28 times over a 2 week period. Additional exposure is via our social media platforms including Twitter, Facebook, Instagram and Website as well as our Annual Report.

The Sports Trust seeks to continually partner with other mining companies to benefit the communities in which they operate. ♦

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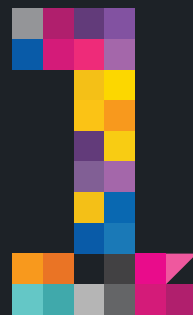
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*DTI Deputy Minister,
Mzwandile Masina with
Sasol Management team
at the launch of Sasol
Business Incubator*

Sasol creates springboard for emerging industrialists



Sasolburg, Free State, South Africa – Sasol and the Department of Trade and Industry (DTI) on the 9th May launched the Sasol Business Incubator (SBI) in Sasolburg, which is aimed at accelerating the successful development of mainly local start-up small, medium and micro enterprises (SMMEs) and promote their sustainability in the manufacturing sector.

“We are proud to have partnered with the DTI in realising the SBI, which will bring to life the vision of growing the manufacturing sector as a strategic driver of the South African economy. As a proud contributor to South Africa’s economic development, we believe that stimulating entrepreneurial activity has significant potential in enhancing industrial growth,” said Maurice Radebe, Executive Vice President: Energy Business.

Developed under the auspices of Sasol’s Enterprise and Supplier Development (ESD) department, the SBI is located on the 172 -hectare Eco-industrial Park (EIP) in the industrial heart of Sasolburg, which was developed to host a diverse mix of SMMEs that can support each other to ensure the sustainability of their businesses and create employment opportunities for the communities in the area. The EIP currently boasts 151 stands which are fully serviced and available for sale at competitive prices.

The SBI comprises five individual buildings that occupy a total of 4000m² and includes access to fully

equipped manufacturing facilities and essential business infrastructure.

The incubator model supports SMMEs in two distinct phases namely – physical and virtual incubation. Physical incubation support ranges from 3 to 12 months, during which time the start-up enterprise engages in the commercialisation of its product with dedicated support from a Sasol Business Incubation Specialist after which they graduate and exit the SBI with the intention of establishing their enterprise within the Eco-Industrial Park. During the virtual phase, the enterprise continues to receive support from a Sasol Business Incubation Specialist for an additional 24 months to ensure sustainability.

Sasol CSI Initiatives

In 2015 financial year, Sasol’s 88% of its R752 million corporate social investment budget was directed to its host communities in South Africa. The company has a partnerships with 13 South African universities and collaborates with TVET colleges. Sasol run one of the largest bursary schemes in the country with 440 current bursary holders. The company also helped to upgrade healthcare facilities; electrical supply facilities; sewage reticulation system and is also involved in HIV/ AIDS community support programmes and Youth development programmes. ♦



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Executive summary

Blue Pointer Energy was established in 2010 with its Directors, presently involved in its development. A Level 1 B-BBEE contributor, the business offers Electrical and Mechanical services to all Industries, Municipalities and Government Departments that aim to fulfil the Government's objectives of providing new infrastructure to meet the backlog in provision of basic services and broaden the service delivery foot print across the country while keeping abreast of growth and migratory patterns within society.

Blue Pointer Energy has core competencies in the following areas:

- Engineering, Procurement & Construction Management (EPCM) infrastructure projects
- Pre-feasibility & Feasibility Studies including appraisal of economic & financial viability
- Building structures & Property development
- Project Management
- Construction Management

For further information please contact:

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As the annual Mining Indaba continues its 20 year tradition of bringing together global game-changers on economic policy, investment strategies, commodities research, and the world's leading mining houses, it will also continue to be a critical catalyst for future of mining on the continent. Mining Indaba represents a benefit of what a country can do when it tears down its walls and allows the world to experience all the riches it has to offer. In this spirit, the organisers are committed to giving back to the continent and country that has served as a gracious host.

Mining Indaba Bursary Programme

The Mining Indaba Bursary programme provides four students pursuing a mining/engineering discipline in an accredited university financial support to cover tuition, books, accommodation, meals and other related academic expenses and fees like mine excursions for one academic year. The bursary is administered and managed by Eduloan, a leading education finance and bursary management specialist operating in Southern Africa. The Bursary programme was introduced in 2013 at an initial value of R192 000 distributed to two students. The 2015 burse is valued at R330 000 distributed to four students.

2016 Bursary Recipients Announced Meet the Students



Garett Grisel, BING Mechanical Engineering (3rd Year) North West University, Jonathan Moore and Stephanie Maberly, BSCA Chemical Engineering (3rd year) University of Stellenbosch.



PARTNERSHIP WITH IDC SUPPORTING JOURNALISM STUDENTS

For the past 2 years Mining Indaba has worked with our sponsor IDC to provide real reporting experience for 4 students studying journalism. They are assigned conference sessions to cover, and submit articles that are then published in the Daily News, a print publication distributed to conference delegates.

Mining Indaba would like to thank the following students, studying journalism in South Africa, for their contribution to the 2016 Mining Indaba Daily Newspaper:

- James Lentsoane
- Athanathious Masoma
- Franco Mayiza na Mputu
- Kudzai Mazvarirwofa
- Tshegofatso Thipa ♦

To learn more about Mining Indaba's social initiatives, contact Phillip LoFaso, Group Marketing Director, at phillip.lofaso@miningindaba.com Visit www.miningindaba.com

what is your **ultimate** responsibility?



ECONOMIC

- Profitability
- Meet demands of capital
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- Create job opportunities
- Support SMME's

ETHICAL

- Uphold ethical and moral duties
- Maintain just and fair practices
- Prevent harm, hurt and prejudice
- Diligently promote good governance
- Provide fair and equitable platforms

LEGISLATIVE

- Adhere to and respect the law
- Observe and play by the rules
- Promote strict adherence to legal norms
- Engage in improving fairness and justice
- Educate and impart skills on legal duties

PHILANTHROPIC

- Give back to the community
- Willingly improve quality of lives
- Ethically uphold basic moral values
- Engage in charity work and duties

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One of the major challenges of LED and CSI is coordination between mines, local governments and the communities.

Com Consulting can help

Com Consulting

Com Consulting can assist with the development of Mega LED projects in the local municipal areas, funded by mining companies. The projects are in most instances incorporated in the existing project plans in the Integrated Development Plans for the various municipalities, as well as plans from the DMR. These areas are based on mining company Social & Labour Plans. The success of these projects as collaborations between private, public partnerships will also be featured in our publications, Mining CSI.

OUR AREAS OF EXPERTISE:

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- Mine security consulting
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