

# Mining CSI

Local Economic Developments by Mines

Volume 25 • 2020



**ALEX CROSS**

CEO of Investing In African  
Mining Indaba

## ALSO IN THIS ISSUE:

**ANGLOGOLD ASHANTI** – Matlosana Schools receive Computer centres

**TRANSNET** – Sign R3 Billion Partnership with Kalagadi

**AECI** – Mining Launches Good Chemistry at Mining Indaba 2020

**ANGLOAMERICAN** – On Track to send Zero Waste to Landfill by end of 2020

**KANGRA** – Built R300 000 Community Hall for its Kransbank Residents

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One of the major challenges of SLPs and IPDs is coordination between mines, local municipalities and the communities.

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# Editor's Note

A new year always brings hope to different people, as it comes with a promise of new beginnings. A new decade however opens new opportunities for renewed mind-sets and completion of projects.

South Africa has been facing dire issues with regards to electricity this past year and there are no prospects that the situation will change anytime soon. Load shedding has been noted to be crippling a lot of industries around the country and the Mining one is no exception. Hence the Mining Indaba is always a great platform for all Mining Stakeholders to engage and hopefully come with solutions that will impact our economy.

The year started with good news from the Minister of Mineral Resources & Energy, Gwede Mantashe when he made an announcement that 2019 had the lowest reported number of combined mining fatalities on record, having decreased from 81 reported fatalities in 2018 to 51 reported fatalities in 2019. This is results from continued commitment to safety from the government, mining companies, employees and unions.

Coming back to this publication, it has been a complete pleasure putting this one together as this is our pilot project on going digital. The world has embraced Industry 4 and the Mining CSI team has decided to join in this phenomena. In the coming months you will also start seeing increased presence online and social media platforms. We will however still keep to our printed copies as they have become a must have to different people of different ages.

This quarter the focus on this publication is Mining Indaba 2020, one article that stands out is on page 16 where Edwin Ludick, Managing Director of AEL & Chairman of AECI takes us through exciting plans that

will be implemented at the Indaba. We also spent time with Anglo American on page 19 where we learn more about their target on Waste Management. The Global Mining Giant has recently reported a 4% production increase in quarter 4 of 2019.

There are a lot of good read articles that I am hoping you will enjoy reading in the publication and hoping you will enjoy your stay in Cape Town for the Mining Indaba 2020 which will be graced by different African country presidents.

Until next issue, enjoy the read! Moses Sibiya

*Moses Sibiya*

Managing Editor



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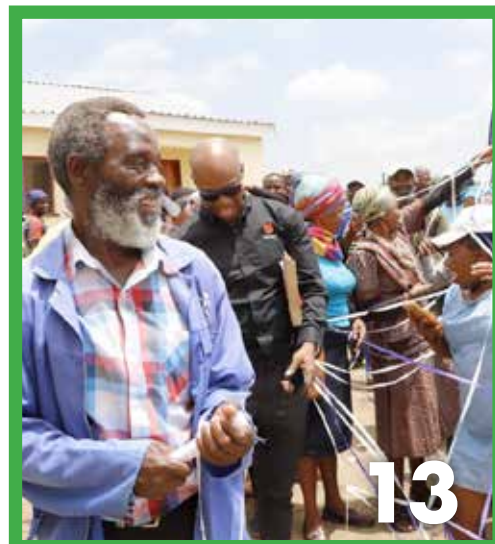
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*His Excellency Félix Tshisekedi, President  
of the Democratic Republic of the Congo*

Pics © Shutterstock.com

# *The President of the* Democratic Republic of the Congo is confirmed to attend Mining Indaba 2020

Investing in African Mining Indaba is excited to announce that His Excellency Félix Tshisekedi, President of the Democratic Republic of the Congo (DRC) has confirmed his attendance at the event taking place in Cape Town 3 – 6 February 2020. The President will be accompanied by a large delegation from the DRC including two newly appointed cabinet ministers, Hon. Eustache Muhanzi Mubembe, Minister for Energy and Hydrocarbons, and Hon. Willy Kitobo Samsoni, Minister of Mines.

***The country's large presence  
at Mining Indaba is aimed at  
positioning the DRC as a premier  
mining investment destination.***

President H.E. Félix Tshisekedi, became the leader of the DRC in January 2019, after the first peaceful and democratic transfer of power. He is known for his involvement and leadership in Union for Democracy

and Social Progress (UDPS) and currently serves as the second vice president of the African Union.

The country's large presence at Mining Indaba is aimed at positioning the DRC as a premier mining investment destination. His Excellence President Félix Tshisekedi will address Mining Indaba's senior audience on the main stage on Monday 3rd February, the opening day of the event. The main stage will also see a DRC Focus session which will examine the rise of cobalt and how the government's policy and new mining code positions the DRC in a positive investment light.

On 5th February Minister of Mines, Honourable Willy Kitobo Samsoni, will deliver a speech at the Intergovernmental Summit where he will highlight the Newly Developed Mining Code which was approved and signed in 2019.

"Mining Indaba's Intergovernmental Summit is an open platform for African Ministers and senior government decision-makers from across the globe to debate issues affecting the mining sector and improve bilateral trade and economic relationships and it is very exciting for us that the platform is attracting such senior interest", comments Simon Ford, Portfolio Director of Mining Indaba.

As one of the main government sponsors of the event, the DRC will also host its annual Breakfast session on Wednesday 6th February where an in-depth conversation about the latest mining developments in the country and gather the key public and private sector stakeholders for an open conversation on the future of mining in the DRC.

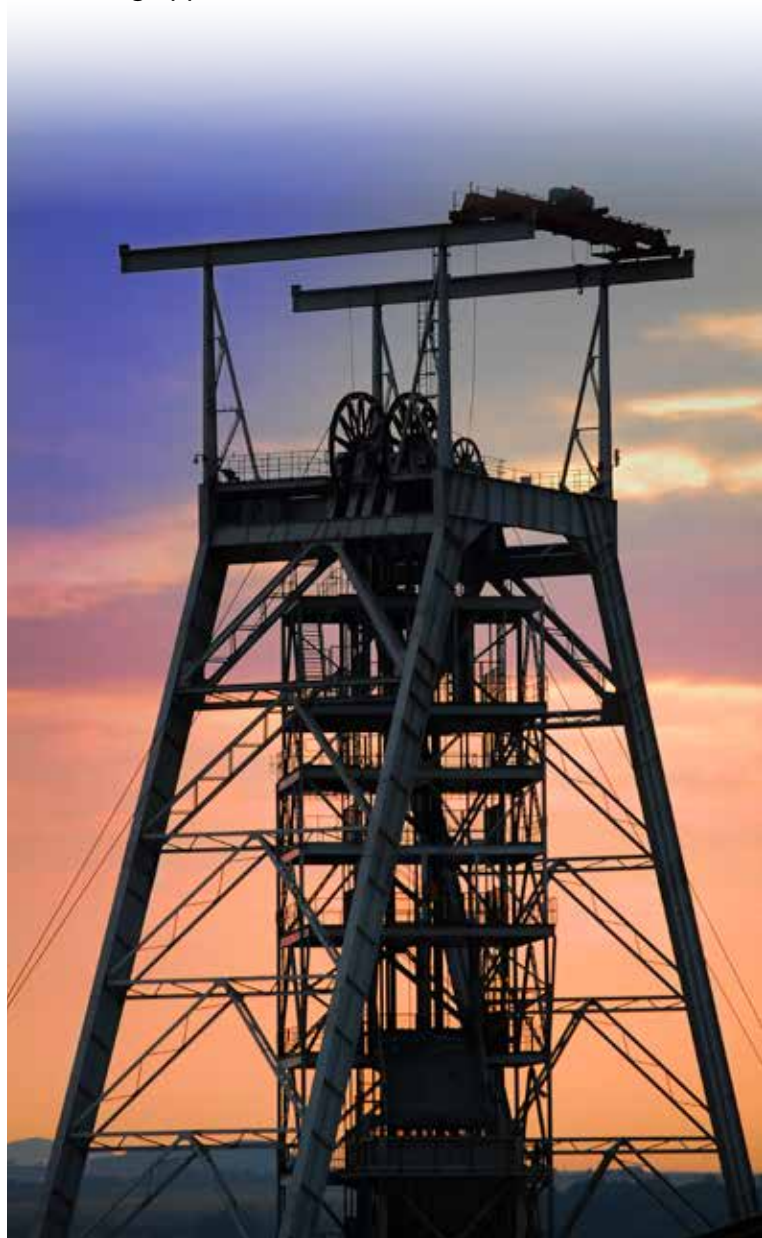
### About Mining Indaba

Investing in African Mining Indaba is the largest mining investment event in Africa. With a proven track record of bringing together Heads of State, Ministers, senior Government representatives, Mining Companies, Mid and Junior Miners, Investors, services and equipment providers, Mining Indaba is the place to meet everybody who's anybody in the African and global mining industry. It is the must-attend event that drives the mining industry forward, provides attendees



3-6 February 2020 | Cape Town, South Africa

with an unmatched access to the entire value chain and the most influential players in African mining for four days of high-quality content, deal-making and networking opportunities. ♦







## Two Matlosana schools receive *computer centres from*

## AngloGold Ashanti

**O**n 5 June, AngloGold Ashanti South Africa handed over two schools' projects that form part of the company's Social and Labour Plan as is aligned to the need for socio-economic development in the greater Matlosana area.

The company, through the collaboration with the North West Department of Education, Department of Mineral Resources and Energy, local municipality and the Future Forum, refurbished two classrooms at Gaenthone Secondary School in Tigane and Kanana Secondary School in Kanana. Both classrooms were equipped with laptops for the learners.

Kgomotso Tshaka, Vice President Sustainability handed over the projects to the Department of Education, who is now the custodian and owner of the facilities. Speaking at the launch she said, "as most of you are aware, we sold some of our assets in the Matlosana area. We no longer have any mining rights in the area and therefore no longer need to develop a

Social and Labour Plan. That does not mean that we will simply walk away – we will remain committed to the people of Matlosana and continue to invest in socio-economic development projects and support local organisations where possible."



*Kgomotso Tshaka, Vice President Sustainability shakes hands with Mmamathe Malope, Kanana Secondary School Principal after officially handing over the computer centre.*





*Kgomotso Tshaka, Vice President Sustainability and Pogisho Mabedi, MMC for Sport, Recreation, and Arts and Culture from the Matlosana Local Municipality unveil the plaque at Kanana Secondary School.*



*Duran Archery, General Manager, Mine Waste Solutions engages with Shereen Kloppers, Community Human Resource Development Coordinator in refurbished Computer Centre at Gaenthone Secondary School.*



She acknowledged the school governing bodies at the two schools as they play a critical role in the governance of the schools. "We look to you as key partners in the support of our learners and ensuring that as parents we are wholly involved in the schooling of our children," she said.

***On behalf of the community of Matlosana, we thank you as these projects are an investment in the lives of our learners.***

Phindisho Tyatya, Deputy District Director from the North West Department of Education: "As the public sector we appreciate the contribution of business in education. Our task is to oversee the teaching of learners and we cannot win that battle alone. We need the support of all parents and interventions by the private sector to support education in the province and nationally. We are humble and thank AngloGold Ashanti for this initiative," he concluded. He pleaded with the school principals to take care of the facilities built to benefit them and generations to come.

Pogisho Mabedi, MMC for Sport, Recreation, and Arts and Culture from the Matlosana Local Municipality also appreciated AngloGold Ashanti's contribution in the education space over the years. "On behalf of the community of Matlosana, we thank you as these projects are an investment in the lives of our learners, to ensure that their futures are better and that they can compete with other schools that have better facilities.

Tshaka said that the DMRE keeps the shifting and innovating the work that the company embarks on. "The Mining Charter that was launched in December also compels us to approach our projects differently for the benefit of our communities," she said, "and as we continue our work in Matlosana, we try and make sure that our actions and decisions are underpinned by the concept of creating sustainable social and economic value. We must ensure that our communities are self-sustaining, that people are educated, have jobs and can thrive in alternative economies". ♦

*Meet LSS Consulting  
Managing Director,  
Namhla Saba*



## INTEGRATED THINKING

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LSS Consulting's experience with the complexities associated with socio-economic development from the private sector, public sector, and communities has placed the company in a position to be highly innovative in seeking solutions to a myriad of challenges. The company recognises that effective, relevant, and efficient socio-economic development is critical in all sectors to ensure an inclusive growing economy. LSS Consulting is strategically aligned to meet organisational and community development needs in South Africa and Africa as a whole.

### **LSS Consulting services:**

We use integrated thinking and experience to assist clients in executing their socio-economic development objectives in a manner that is project-specific, effective, efficient, and adds value to them and associated communities.

### **Our areas of expertise include:**

- Inclusive Social labour plan consulting
- LED and SLP capacity building for management and associated communities
- Feasibility studies/ social risk assessments before project planning
- Technical design/ review of social risk management plans
- Project viability assessments
- Assessment of socio-economic development requirements of the community
- Obtain buy-in and community co-operation through community capacity building to decrease the risk of costly delays or cancellations of projects
- Active stakeholder engagement and involvement at all stages of the project to ensure meaningful social inclusion and efficient design of operations.
- Socio-economic strategy design/ review to assess the effectiveness
- Strategy to align organisational objectives with community needs and Sustainable Development Goals
- Socio-economic impact analysis. ♦

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**N**amhla Saba (CA) (SA), with a Masters in Development Finance, is an experienced finance and socio-economic development executive with more than 10 years' experience. Her business track includes advisory work with a broad range of clients in various sectors, such as private equity, financial services, mining, corporate governance, socio-economic development, strategy, and organisational growth development. She has worked with both the private and public sectors in meeting socio-economic development objectives in partnership with a myriad of stakeholders. Her experience in finance and socio-economic development solidifies her belief that the African transformation agenda lies in businesses' ability to be commercially viable and socially relevant.

### **About LSS Consulting:**

LSS Consulting (Pty) Ltd is a level 1 BBBEE, a multi-disciplinary socio-economic development organization that delivers relevant, effective, and efficient solutions that develop meaningful and sustainable solutions.

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# HARMONY GIVES BACK





# DEVELOPING YOUTH

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**BRIDGING SCHOOL PROGRAMME**

**50 STUDENTS** are on the  
**HARMONY BURSARY SCHEME** in 2018

**70 YOUTH** from the Matjhabeng municipality  
participating in the **COMMUNITY SKILLS AND  
DEVELOPMENT PROGRAMME**





Zululand Anthracite Colliery (ZAC) appoints

## *first black general manager*

South Africa's sole producer of prime anthracite, Zululand Anthracite Colliery (ZAC), has appointed Siyabonga Mathonsi as its first black general manager since mining operations began in 1987.

Menar, the mining investment company that acquired ZAC from Rio Tinto in 2016 and turned it to profitability, is pleased to announce Mathonsi's appointment effective from 15 July 2019.

Menar's managing director Vuslat Bayoglu says Mathonsi is a hard-working professional who worked himself up the management ladder of the mine. "The appointment is a clear demonstration that, with adequate training and experience, coupled with the commitment to redressing the legacy of apartheid, substantive transformation is achievable. Menar is committed to ensuring that all employees of its subsidiary companies regardless of their background realise their potential."

Following a smooth handover period, Bradley Hammond, the outgoing general manager, will take over a new role as group chief operating officer at Menar.

Mathonsi's career at ZAC began in 2008, when he served as an engineer-in-training. His commitment to his work saw him rise through the ranks. In 2010, he was promoted to a junior engineer. In 2015, he was appointed as a section engineer. In 2016, he became engineering manager until the announcement of his promotion this week.



## **Zululand Anthracite Colliery**

Bayoglu says Mathonsi has played an important role in the turn-around of the mine while serving as a second in command to Hammond. "They worked as a team. Siyabonga is a team player with excellent human relations skills. We look forward to seeing him and the team drive the extension of the life of mine beyond the projected 12 years," Bayoglu adds.

Mathonsi is looking forward to his new challenge and undertakes to lead by example.

"I believe it is important to show strong leadership through leading by example. I look forward to taking on this exciting new position. I am truly humbled to have been appointed as general manager at ZAC, and thank the company's management team for believing in and supporting me throughout this journey," Mathonsi states.

He hopes to build on the strong base that has been established to ensure that ZAC achieves optimal efficiency, continues to build strong ties with workers and the host communities. In addition to ensuring that the mine's primary goal of keeping workers safe and healthy is achieved, he wants to ensure that the mine grows and builds sound relationships with host communities.

Located in the district of Ulundi, ZAC has six underground sections and produces 1 million tonnes of anthracite per annum. It has a processing plant onsite where the product is washed to top qualities of 0.9% to 1.4% Sulphur with extremely low ash content ranging from 8.5% to 18%. The product is sold to domestic and export markets.

Until Menar acquired ZAC in 2016, the mine was at different stages owned by BHP Billiton (from 1985), Riversdale Mining (from 2005) and Rio Tinto (from 2011). The mine currently employs 1 444, including contractors, and it subscribes to the Youth Employment Service, President Cyril Ramaphosa's job creation initiative for young people. At least 30 young people are currently enrolled in the programme at ZAC.

Hammond states: "I have had the privilege of working closely with Siyabonga for several years. He is respected by management and mineworkers alike, making him the ideal person for the position of general manager of ZAC. I wish him much success in his new role and I have no doubts that he will play a critical role in the growth of ZAC, which is extremely important for future of the mine to provide jobs and play a crucial role in community development." ♦



## Kransbank residents

## recipients of R300 000

## community hall

*Kangra hands over hall to Kransbank community to allow for more formalised communal gathering location*



Coal mining and exploration company Kangra handed over a R300 000 community hall to Kransbank community located near the company's mine in Saul Mkhizeville, in Mpumalanga on 21 January 2020.

The community centre comprising of a hall, ablution facilities and storage rooms is intended to be used for formal communal meetings, festive occasions and social events, among other community activities. The hall can comfortably seat around 150 people.

The hall was built by a local black-owned contracting company Amakhabolanga Trading and Projects with the design and construction of the facility overseen by Kangra. The community had till now been running its meetings and social gathering in open areas and under trees, which has exposed them to the heat, cold, wind and rain.

"The community asked Kangra to assist them in being able to conduct their forums in dignity, which is where the idea for the construction of the hall arose," explained Menar Group Social Licensing Manager Xolile Mankayi.

Mkondo Ward 2 Councillor Themba Nkosi on behalf Councillor Xolane Simelane of Ward 10 said: "On behalf of the municipality and local government we deeply appreciate the efforts of the community to enrich and uplift the lives of community members by presenting them with this beautiful new community hall."

Kangra General Manager Pierre Louw and Kransbank Community member Bab' uPhungwayo cut a ribbon to mark the official opening of the community hall. The community members expressed their gratitude ululating as the ribbon was cut.

Kangra has also invested heavily in other social development projects such as construction of 23 houses, building of ablution facilities, awarding of mine-related product and services' contracts to the local community along with enterprise development, learner safety initiatives and skills training programmes.

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

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# The Minerals Council launches **Khumbul'ekhaya**



On 1 October 2019, the Minerals Council South Africa launched Khumbul'ekhaya, a CEO-led strategy on health and safety, developed and led by the Minerals Council CEO Zero Harm Forum.

"Khumbul'ekhaya is the Nguni word for 'remember home' - we recognise that fatalities have the greatest impacts on loved ones at home," says Dr Sizwe Phakathi, Head: Safety and Sustainable Development at the Minerals Council.

"Khumbul'ekhaya is a 'rallying cry' for a step-change in safety and health performance, driven at the highest

levels of the mining industry, to sustain the mining industry's pursuit of zero harm. CEOs are united in agreement that health and safety starts with them and that safety and health are equally important".

Massive strides in improving employee safety and health in recent years have been possible through the collaborative efforts of employees and unions, the support of the Department of Mineral Resources and Energy, and mining companies.

As a result, the mining industry experienced an 87% decline in fatalities in the 25 years from 1993 to



2018. However, a sudden increase in 2017 – the first regression in 10 years – highlighted the need for further work to be done by all stakeholders to improve health and safety measures in mining. Dr Sizwe Phakathi says, “We came to the realisation that simply intensifying our existing efforts was not going to achieve the step-change we needed”.

The deterioration in performance that began in 2017 prompted the Minerals Council Board to initiate a number of measures to urgently address this trend, largely through the CEO Zero Harm Forum, including intense scrutiny of the major causes of accidents, fundamental research through the Mine Health and Safety Council (MHSC) and the launch of the National Day of Safety and Health in Mining 2018.

Greater awareness of safety and health has led to a 10% improvement in the number of fatalities in 2018 and the lowest number of fatalities recorded in the first half of 2019.

***Massive strides in improving employee safety and health in recent years have been possible through the collaborative efforts of employees and unions, the support of the Department of Mineral Resources and Energy, and mining companies.***

Following further introspection amongst mining CEOs, the notion was raised that in order to accelerate the industry’s achievement of zero harm, not only is a step-change in health and safety required, but also, deeper leadership engagement by CEOs.

In acknowledgement of this, the CEO Zero Harm Forum hosted a health and safety event, called “Heartfelt Conversations”, in January 2019. The aim of this discussion was to clarify the personal role that CEOs have in improving regressive or plateauing safety performance.

The “Heartfelt Conversations” session was attended by 34 CEOs, including relevant executives and four office-bearers, and was facilitated by a renowned industry health and safety expert and a highly experienced mediator and arbitrator.

The CEO discussions were open and honest and addressed the importance of CEO and senior management visibility, sharing best practice, and encouraging openness in reporting.

#### **Khumbul’ekhaya has four critical drivers:**

- The industry’s continued commitment to zero harm.
- A step-change priority for 2019/20 is the elimination of fatalities, which the Minerals Council believes requires a two-year focus on the elimination of fatalities as a result of both safety and health incidents. This includes a deliberate strategy to broadening the focus to include health-related fatalities during and beyond employment.
- Adopting a holistic approach, because fatalities are often the result of a complex set of circumstances.
- Learning from incidents, from each other and from other industries.

As part of a holistic approach, Khumbul’ekhaya is complimentary to and supportive of existing initiatives in place, especially the work being undertaken by the MHSC, the MOSH learning hub, and the Mandela Mining Precinct.

“Khumbul’ekhaya is a recognition by the mining industry that a step-change is needed to achieve zero harm and to ensure that every mineworker returns home unharmed, every day,” concludes Dr Phakathi.

While October 2019 is our national month of safety and health in mining, companies and mines will be rolling out the Khumbul’ekhaya initiative over the coming weeks and months. ♦

# AECI Mining launches

## *Good Chemistry* at Mining Indaba 2020



*AEL\_Edwin Ludick, Managing Director of AEL  
and Chairman of AECI Mining*



**T**he mining industry is currently under a lot of pressure. In the short term, dwindling commodity prices are squeezing cash flow. Many existing mines are maturing, resulting in the extraction of lower ore grades.

With instability in mining commodity prices and rising concerns over resource scarcity, mining companies continue to feel the pressure to cut costs and raise productivity. The message from experts remains the same: mining companies have to ensure that they extract each tonne at the best possible cost.

With that in mind, at the centre of the AECI Group's exhibit at the Investing in African Mining Indaba 2020 will be the integration of its AECI Mining pillar, which was formed to find ways of harnessing the energy provided by explosives and chemicals as a means of optimising the mining value chain at large.

For more than 120 years, AECI has been at the forefront of cutting-edge innovations that have helped change the face of mining globally. Today, the mining industry accounts for more than 50% of the group's revenue and remains a strategic priority for the group as a whole.

By covering surfactants for explosives manufacture, commercial explosives, initiating systems and blasting solutions, right through the value chain to chemicals for ore beneficiation and tailings treatment, the AECI Mining pillar companies – AECI Mining: Explosives (AEL) and AECI Mining: Chemicals (Senmin) – provide a three-way partnership with the customer, making a tangible difference in terms of energy maximisation, the environment and health and safety.

"The integration of these offerings is a reinvention of who we are, what we do, and how we do it. The objective is to grow the AECI Mining Pillar into a holistic provider of choice to the mining industry across all our chosen markets," says Edwin Ludick, Managing Director of AEL and Chairman of AECI Mining.

### **Comprehensive products and services**

Through a uniquely collaborative process, AECI Mining offers a comprehensive range of products and services, as well as the convenience of a single infrastructure and interface now represented by AECI Mining: Explosives and AECI Mining: Chemicals. This is complemented by a world-class research and



development capability and highly skilled multi-disciplinary teams that share the best practices, identify synergies and define strategies that deliver positive outcomes for mines and mining houses.

The combined offering of AECI Mining: Explosives and Chemicals is available in Africa, Australia, Chile, Indonesia, Europe, North and South America.

Through the diligent application of AECI Mining: Explosive's products and services, underscored by its experience, intelligence and R&D, energy is used correctly at the source and rock is blasted in such a way that it enables enhanced efficiencies across the mining value chain, reducing operating costs while improving productivity and output.

As Africa's leader in mining, AECI Mining: Chemicals develops, manufactures, supplies and supports a wide range of reagents for ore beneficiation processes that involve flotation technologies, as well as solutions for solid-liquid separation and tailings management.

In addition to operating the largest mining chemicals manufacturing facility on a single site in the southern hemisphere, AECI Mining: Chemicals offers a full service model. In case of long-term contracts, the company sets up a reagent plant on site that is supported by a metallurgical team 24/7.

"This is particularly important as ore grades vary during processing and therefore chemical adjustments are necessary to maximise output and reduce waste. The business also handles logistics, make-up equipment and storage," adds Ludick.

A multi-million rand upgrade has doubled AECI Mining: Chemicals xanthate manufacturing capacity, while increasing the range of xanthates available locally. To keep pace

with the rapidly changing needs of the mining industry, another R72-million was ploughed in a technical centre and pilot plant.

Ludick says Mining Indaba 2020 is an important gathering for the AECI Group to highlight these integrated capabilities to the mining industry. "We will have our Mobile Manufacturing Unit (MMU) on display at the Mining Indaba. This state of the art MMU will be equipped with integrated SMART intelligence. The SMART means the MMU will not only have the ability to perfectly blend various formulations, but will have the capability to integrate and report on a number of on-bench parameters linked to GPS co-ordinates. In future, we will see autonomous MMUs with patented technology, which will intelligently deliver explosives according to satellite positioning. We believe that going autonomous will significantly contribute to improving blasting processes."

"The integration of the AECI Mining pillar affords mines and mining companies the opportunity to reduce inefficiencies and operating costs, optimise mining conditions and improve productivity and output, thus improving their balance sheets," concludes Ludick. ♦





## Kalagadi Manganese and Transnet signs a **R3-billion worth MECA 2 Contract**

Johannesburg, 17 September 2019 - Black owned and woman led, Kalagadi Manganese (Pty) Ltd and Transnet Ltd have cemented a partnership which will allow for the transportation of up 1-million tonnes with a potential to ramp up to 3 million tonnes per annum of beneficiated manganese in form of sinter which will be in excess of R3-billion for Transnet. The Manganese Export Capacity Allocation Agreement (MECA 2) contract will see the transportation, storage, and loading onto a vessel of the Kalagadi Manganese production destined for the export market. The 5-years contract will further allow Kalagadi Manganese an allocation of both rail and port capacity through the different manganese export channels for the international markets.

Kalagadi Manganese has participated in the MECA programme since inception, mainly through providing forecasts to Transnet for capacity determination purposes. Founder and Chairperson, Daphne Mashile-Nkosi said she is pleased that after 12 years of engagement, Kalagadi has finally reached agreement with the state-owned entity. "This contract, which as part of the MECA2 project, will offer us an opportunity to move 3 million tonnes product from the Kalagadi Mine and Sinter Plant in the Northern Cape through to Eastern Cape Province Ports. This partnership supports a job creation of over 1250 direct opportunities through various parts of our value and these will make

a contribution of R6.2 Billion annually to the country's GDP" Mashile-Nkosi said.

The partnership with Transnet speaks directly to Kalagadi goals of providing a guaranteed and trusted environment for Kalagadi's exports, which are secured from global and domestic economic uncertainties. "As an entity, we want to be an active contributor to the country's mission of retaining the position of being the leading exporter of high-grade beneficiated manganese. And this contract gives us the opportunity to make that dream a reality," said Mashile-Nkosi.

Since the inception of the MECA2 programme in 2015, Transnet has witnessed an increase of manganese export volumes from 5 million tons per annum to the current 15.1 million tons per annum. To date, Transnet has concluded ten MECA2 contracts with local manganese producers. Transnet Chief Customer Officer Mike Fanucchi said: "This is an indication that Transnet is serious about the integration of its operations to suit the customers' needs. When we commenced with the MECA process, and the integration of our service offering, we only had two manganese companies playing in the export manganese markets. We are excited to see this number increasing."

Transnet together with key manganese producers have set aside 15% percent of the overall manganese export line capacity for the new entrants in the manganese export market. ♦





only ensure that our children inherit a sustainable future, but for the direct benefit of our health and the natural environment, and to ensure compliance with environmental regulations. All of this has the added benefit of cost savings for our company,” said Chris Griffith, CEO of Anglo American Platinum.

***The target to eliminate waste to landfill is in support of Anglo American’s broader environmental strategy***

By treating waste as a resource rather than merely sending it to landfill, various revenue-generating and cost-saving opportunities have been unlocked. The reduction in waste can for example remove the need to build new landfills at Anglo American Platinum’s Mogalakwena Mine in Limpopo and Unki Mine in Zimbabwe. On-site bioremediation facilities, off-takes for gypsum and sodium chloride as well as selling scrap metal, sodium sulphate and used oil, has also generated additional revenue at some of the operations.

“Landfills are not a sustainable way to manage waste, as they harm the environment and are costly to develop, maintain and ultimately remediate. However, transitioning to a zero-waste system does not happen overnight. It has required a fundamental mind shift change to see waste as a valuable commodity, encouraging investment, creativity and innovative solutions,” said Hermanus Prinsloo, Lead Environment – Operations (Platinum) at Anglo American.

To eliminate waste to landfill, operations focus on three areas:

- Reducing and/or avoiding unnecessary materials coming into the company;
- Re-using materials where possible; and
- Where reduction and re-use are not possible, to recycle all waste streams that allow for it, for example plastic, paper, steel and used oils.

“Zero waste to landfill is not just about keeping things out of landfills; it’s also about reducing demand for things that are transient, that we just throw away after using them,” said Prinsloo. ♦

**Anglo American Platinum on track**

***to send zero waste to landfill (ZW2L)***

**A**nglo American Platinum is on track to meet its target of sending zero waste to landfill by the end of 2020, with a 45% decline reported in the year-to-date compared with the same period in 2018.

At the current YTD performance, the full year forecast for total waste to landfill will be an estimated 3,770 tonnes, a 52% reduction from 2018’s 7,899 tonnes. In 2013, when the target was set initially, and the company’s operational footprint was bigger, waste to landfill totalled more than 22,000 tonnes.

The target to eliminate waste to landfill is in support of Anglo American’s broader environmental strategy, which includes reducing water and energy usage, lowering emissions, dust and noise pollution, and implementing biodiversity stewardship programmes. In August 2018, a specialist waste company Interwaste was appointed to assist with the development of a ZW2L strategy to support with solutions that will allow for zero waste to landfill by the end of 2020.

“With the world’s population expected to reach 10 billion by 2050, we cannot continue to consume resources at the same rate. Back in 2013, our Zero Waste to Landfill approach was developed to not

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Sibanye-Stillwater achieve



*10 million fatality-free shifts*

Sibanye-Stillwater's SA gold operations achieve 10 million fatality-free shifts Johannesburg, 27 January 2020: Sibanye-Stillwater is pleased to announce that its SA gold operations achieved 10 million fatality free shifts on 26 January 2020. This is a significant milestone, which has never been achieved in the history of these gold operations, nor in the history of the SA deep level gold mining industry. The SA gold operations are amongst the deepest in the world, extending to more than 3 km below surface, which makes it a truly worthy achievement considering that it was accomplished by 30,000 employees and contractors working safely for 8.5 hours a day over a 519 day period since 25 August 2018. CEO, Neal Froneman commented: "Milestones like these illustrate what can be achieved when all stakeholders contribute constructively and work together. Special appreciation goes to our workforce for working safely and living our CARES values (commitment, accountability, respect, enabling, safety). Our intense focus on safe production across the Group continues, with the implementation of longer-term safety and cultural interventions a strategic priority. We continue to promote meaningful engagement with all our stakeholders, as part of the safety improvement journey and in the development of our safety culture." For a media sound clip from the CEO, Neal Froneman, please refer to <https://soundcloud.com/user-155552468/sibanye-stillwater-safety-milestone-27jan2020>. ♦



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