



# Chamber *of* Mines OF NAMIBIA

*The quarterly newsletter of the Namibian mining industry*

## NEWSLETTER



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# Chamber of Mines

## OF NAMIBIA

### NEWSLETTER



#### CHAMBER OF MINES

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#### PRINTED BY

John Meinert Printing

#### STOCK IMAGES

Shutterstock.com and Unsplash.com

#### ON THE COVER



Clearing activities for construction of the new plant at the Namib Lead and Zinc mine.

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# CEO'S FORWARD



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*The sector's commitment to sourcing from local suppliers, which was 41% of total mining revenue in 2017, concludes that avenues to further develop the local supply base through upstream linkages do exist.*

—  
VESTON MALANGO  
CEO – CHAMBER OF MINES

*The third quarter of 2018 has been a hive of activity for the Chamber of Mines office, with its primary focus on direct stakeholder engagement. As part of the Chamber's mandate and strategic objectives, such interactions are essential in enhancing the visibility of the industry and its importance to the Namibian economy.*

In recent years, policy rhetoric has become increasingly concerned with further value addition to Namibia's minerals and much of this responsibility is borne on the local mining industry. However, many of these activities do not fall within the mandate, skills sets, or risk appetites of mining companies and mining related investments. As such, the Chamber of Mines has proactively engaged with high-ranking officials from the Ministry of Finance, Ministry of Trade, Industrialisation and SME Development and the Ministry of Mines and Energy to define value addition within the mining value chain, what Namibia has achieved in this area and opportunities for further exploitation. With success, the Chamber has also illustrated that while opportunities for value addition of minerals through manufacturing do exist, this does not fall within the ambit of mining and that the responsibility lies with Government to attract such investment.

Such engagements have also focused on relaying opportunities for the Namibian economy by harnessing upstream linkages present in the mining industry. The sector's commitment to sourcing from local suppliers, which was 41% of total mining revenue in 2017, concludes that avenues to further develop the local supply base through upstream linkages do exist. Through subsequent engagements, Government has acknowledged this potential, which has sparked dialogue and discussion between with the Chamber on how best to unlock local content in supply chains.

Stakeholder engagements have also extended to inductions for new diplomats, the Parliamentary

Standing Committee on Natural Resources, and the Junior National Council to spread awareness on the sector's significance to the national economy and to create informed ambassadors for the industry. Lastly, the Chamber of Mines also embarked on site visits to the new Okandjande graphite mine as well as the Whale Rock Cement plant and the Namib Lead and Zinc mine currently under construction, to be updated about new projects and developments in the industry.

To rectify some of the misconceptions on the mining industry as highlighted by recent media reports on retrenchments, the Chamber has engaged with the Mine Workers Union to inform them of the nature of mining, the sector's contribution to national employment, and some of the remedial steps taken by the sector when faced with such challenges. The industry takes heed of the harmful impact of one job lost, and adopts a collaborative approach to minimize these. Details of the affected employees have been communicated to the rest of the industry, with some already approached by newer operations in development.

Unfortunately, most commodity prices have taken a knock in the last quarter due to the ongoing trade wars emerging between the USA, China and Europe. This has heightened geopolitical tensions between the global powerhouses and compounded widespread uncertainty among business communities and investors. Conversely, the uranium price appears to be on a rebound. Announcements to place prominent uranium mines on care and maintenance and suspension of operations, which include Langer Heinrich's uranium mine and Cameco's McArthur River and Key Lake operations respectively, have sparked a uranium price increase in the last two months, which is currently trading at \$26.10 per pound.

**VESTON MALANGO**  
**CEO – CHAMBER OF MINES**  
**28 SEPTEMBER 2018**



# OHORONGO & KAPTAU

## PUSHING TOWARDS 100% LOCAL VALUE ADDITION

On 10 July, 2018 Ohorongo Cement entered into an agreement for the supply of locally produced 50 kilogram paper packaging bags with a Namibia owned manufacturing company, Kaptau Packaging. The supply of cement paper bags is a first for Namibia as Ohorongo has traditionally sourced these inputs from suppliers located outside the country since production started in 2011. This agreement completes the full value chain for the cement manufacturing process in the country, while increasing local benefits through upstream linkages.

Ohorongo's Managing Director Hans-Wilhelm Schütte and Kaptau Packaging's Executive Chairman David Namalenga signed the Memorandum of Understanding, setting the foundation for increased manufacturing in Namibia.

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*Ohorongo is proud to grow the local economy, by developing the Namibian manufacturing sector as well as strengthening the economy through the creation of new industries, technological innovation, skills transfer, capacity development and employment creation*

—  
HANS-WILHELM SCHÜTTE  
OHORONGO'S MANAGING DIRECTOR

“Ohorongo is proud to grow the local economy, by developing the Namibian manufacturing sector as well as strengthening the economy through the creation of new industries, technological innovation, skills transfer, capacity development and employment creation,” said Schütte.



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*We at Kaptau Packaging are proud to be creating value-added jobs in Namibia by replacing imports of packaging materials. We appreciate and recognize the significant efforts made by Ohorongo Cement in driving a national industrialization agenda of capacitating local SME's by creating markets for them and enabling market access.*

—  
DAVID NAMALENGA  
EXECUTIVE CHAIRMAN OF KAPTAU PACKAGING

Schütte is of the opinion that the supply of locally manufactured cement bags will contribute substantially to Namibia's national goals of becoming a prosperous nation by securing livelihoods, creating jobs, and reducing poverty.

“That is why, from day one, we went into the mode of empowering and supporting Kaptau Packaging throughout this whole process. We are doing this because it is for our country and for generations to come,” Schütte said.

Located in Oshakati, Kaptau Packaging will manufacture and supply 50 kilogram packaging bags, according to the needs and requirements of Ohorongo.

Initial talks regarding the potential supply of paper bags began early in 2013. In 2017 a large quantity of bags were produced for testing which yielded positive results. This led to the signing of the MoU, to reconfirm the strategic partnership with the aim of growing Kaptau Packaging's vision further, which includes not

only the supply of bags to Ohorongo but also for other applications.

“We at Kaptau Packaging are proud to be creating value-added jobs in Namibia by replacing imports of packaging materials. The production of these paper packaging bags, also has a huge benefit for our environment, as it will replace harmful packaging products with sustainable and environmentally friendly ones. We appreciate and recognize the significant efforts made by Ohorongo Cement in driving a national industrialization agenda of capacitating local SME's by creating markets for them and enabling market access.” said David Namalenga the Executive Chairman of Kaptau Packaging.

The supply of paper packaging has commenced with over 1.2 million bags already delivered to Ohorongo. The parties identified a mutually beneficial business opportunity to collaborate with one another for the economic growth and industrialization of Namibia.

■ The Omaheke brickmaking training in Gobabis delivered thirty four newly trained brickmakers. Hon. Kameeta, Ohorongo, Buildit & Omaheke local- regional leadership witnessed this milestone.



# OHORONGO BUILDIT ACADEMY

DELIVERED NEARLY  
300 TRAINED  
BRICKMAKERS



**Over the past two years, nearly 300 Namibians have received training from the Ohorongo Buildit Brickmaking Academy on how to produce quality bricks.**

The Ohorongo Buildit Brickmaking Academy is the result of a Smart Partnership between Ohorongo Cement and one of its customers, the Buildit Group, which was established in March 2017. The main purpose of the Brickmaking Training Academy, is to support the Namibian Government's development policies, towards skills development and poverty eradication efforts.

The Minister of Poverty Eradication and Social Welfare, Honourable Bishop Emeritus Zephaniah Kameeta, applauded Ohorongo Cement and the Buildit Group for their commitment to provide brickmaking training in each of the 14 regions of Namibia, thereby ensuring that nobody was left out.

"Government is providing a conducive environment for the private sector to partner with Government through transparency and open dialogue. This initiative by Ohorongo and Buildit is a practical example of how Private Sector can be part of the implementation of national development programmes," the Minister said. "Ohorongo has done this prior to the promulgation Public-Private Partnership of Act 4 of 2017 by Government."

All trainees have received vocational training in the trade of brickmaking through the transfer of skills & knowledge, a key building block towards economic transformation. The number of trainees exceeded the initial target of 210 trainees over a period of two years.

"We expect the trainees to use their newly acquired skills to assist in employment creation, enabling them to not only sustain their own livelihoods, but to play an active role in the alleviation of poverty", explained Hans-Wilhelm Schütte, M.D. of Ohorongo Cement, enthusiastically. The Minister encouraged the trainees to create their

own employment, instead of looking for employment.

If all trainees would again teach others, and each would employ only two additional people, this Academy has the potential to create close to 900 additional jobs for Namibians.

Hon. Kameeta further noted that he was happy to see representatives of the National Youth Council at the event, as it was a clear indication that there is great potential in the skill of brickmaking.

The Ohorongo technical team provide training and guidance on the right aggregates which is best to use during the brickmaking process.

As a permanent offset area for their products, the Buildit Group has committed itself to purchase the bricks produced by the trainees, pending adherence to strict quality control measures.

"Without the assistance of the various Regional Governors and the different Constituency Councillors, it would've been nearly impossible to have made a success out of this initiative," said Schütte.

"They played a vital role in identifying enthusiastic trainees to receive the training at no cost to them," he said.

Each trainee also received a guidebook to take home for future reference.

Beyond the training, the Ohorongo Technical Team, together with a support team from the Buildit stores, will continue providing some technical assistance and advice to the trainees, to ensure the best outcome in the production of high-quality bricks

*NOTE: Ohorongo Cement / Buildit are not qualified training institutions and cannot accredit any individual after training has been done. Training is done solely in support of Harambee, transfer of skills & knowledge & job creation in order to empower people on community level.*



# NAMIB LEAD & ZINC MINE

## – *A New Life*

***A ground breaking ceremony marked the resurrection of an underground mine that has been closed since 1991. Presided by the Governor of the Erongo Region, the Hon. Cleophas Mutjavikua, and attended by local stakeholders and the company's Board of Directors, the event took place on 11 June 2018 to mark the start of construction on the site of the old Deblin Mine, located about 30km outside Swakopmund.***

After its closure in 1991, the Deblin Mine became part of a familiar legacy of abandoned mine sites in Namibia. Left behind was faltering infrastructure, spilt tailings and hazardous materials. North River Resources acquired the Namib Lead and Zinc mine project in 2009, raising funds for exploration activities, eventually leading to a mining licence, project funding and now into construction. However, ever mindful of the environmental legacies left by many operators in the past, early in the company tenure, it took up the challenge of rehabilitating surrounding areas concurrently with exploration activities. The results of these efforts are clearly visible today on the mine site.

### PROPOSED OPERATION

Construction at Namib Lead and Zinc Mine is planned to continue into early 2019 before production ramps up over the subsequent few months. The mine has already re-entered the old underground workings, having rehabilitated the necessary workings required for new mining.

The first phase production rate is planned for 10,000 tonnes of ore treated monthly and the mine will produce lead and zinc concentrates that will be destined for various markets. The mine continues to pursue opportunities for local value addition, but initially it seems that overseas customers are the most likely, exporting through the port of Walvis Bay. The company will produce over 9,000 tonnes of contained lead and zinc metal annually.

With a Mineral Resource of 1.1m tonnes, an initial mine life of nine years is proposed. The mine is expected to employ about 150 people. The company is progressing with its recruitment campaign, focussing initially on its management structure and key technical positions. Priority is at all times given to Namibian candidates.



## OWNERSHIP

Namib Lead and Zinc Mining (Pty) Ltd (NLZM) is majority owned by North River Resources, a UK based public company which has been responsible for funding the previous exploration activities and now the mine construction. Embracing Namibia's Harambee Prosperity Plan, the company's leadership investigated alternative approaches to local ownership opportunities to ensure that the Namibian community at large could benefit. In early 2017, the Company established a Community Trust and an Employees' Trust, each of which are now 5% shareholders of Namib Lead and Zinc Mining. The Namib Lead & Zinc Mine Community Empowerment Trust assists certain communities identified from time to time, focusing on beneficiaries from the poor, destitute women and youth. The NLZM Employee Benefit Trust focuses on providing benefits to previously disadvantaged employees, earning below a certain threshold.

## CONSTRUCTION

Construction activities to date have focussed on site infrastructure including new offices, operational buildings and workshop, final product handling facility and waste water handling facilities. New mobile mining and plant equipment has been procured.

The site of the old process plant has been cleared to make way for the new plant, which will be transported in modular units from the company's EPC contractor, Bond Equipment from South Africa. The new civil works is underway. The company is committed to using locally based contractors and service providers in as much as it is practically possible.

The company entered into a supply agreement with NamWater and has since replaced the old pipeline and constructed two new water reservoirs on site. A power supply agreement with ErongoRed is being concluded.



Construction funding of US\$21 million for the mine was obtained from North River Resources' majority shareholders, Greenstone Resources, a long time investor in the company and a new partner, Castlelake Ventures. Both companies are private equity funds, each holding 44% of North River. The balance is held by over 200 minority shareholders.





ZINC IS A VERSATILE METAL USED FOR GALVANIZING, HIGH-TECH PRODUCTS, MANUFACTURING ALLOYS AND HEALTH PRODUCTS. A UNIQUE FEATURE OF ZINC IS THAT IT CAN BE RECYCLED MANY A TIME.







# NAMZINC - AFRICA'S PRIDE

*the only zinc  
refinery in Africa*

**Skorpion Zinc is an integrated zinc mine and refinery located in the south of Namibia. It is the only zinc refinery in Africa. The zinc refinery (Namzinc) is unique since it uses solvent extraction technology to process a zinc oxide ore directly from the Skorpion open pit mine.**

Zinc is a versatile metal used for galvanizing, high-tech products, manufacturing alloys and health products. A unique feature of zinc is that it can be recycled many a time.

In contrast to the majority of zinc deposits worldwide, which contain zinc primarily as the sulphide mineral sphalerite, Skorpion is a primary oxide/silicate/carbonate zinc deposit. The zinc minerals can therefore not be concentrated by conventional zinc extraction technologies example Roast-Leach-Electrowinning (R-L-E).

The zinc bearing ore is leached directly in dilute sulphuric acid to produce zinc sulphate. It is not possible to directly electrowin zinc from the sulphate solution due to the high chlorine, fluorine levels and other impurities (Copper, nickel, cadmium, cobalt) contained in the ore, which are detrimental to zinc electrowinning process. In order to effectively extract and produce high-grade zinc, the process uses solvent extraction (SX) to upgrade electrolyte before



*Electrowinning process at the Skorpion Zinc Refinery Plant*







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*The complex ore and the unique refinery process creates exciting challenges and growth opportunities for aspiring metallurgists and process engineers. One finds satisfaction in being able to supply the highly sought after special high grade product.*

—  
ELLAKIM TSHININGAYAMWE,  
SZ REFINERY MANAGER

feeding to zinc electrowinning cellhouse and serves as a buffer against impurities. This is achieved through the use of organic reagent that is selective to Zinc over most base metals. Solvent extraction provides a buffer against chlorine (Cl) and fluorine (F) and effectively prevents any carry-over into the purified electrolyte solution. The use of solvent extraction for zinc simplifies the overall treatment route in comparison to conventional roast-leach-electrowinning (RLE) circuits.

The process is conducted in three loops. The first loop is an aqueous loop, where ore is leached with aqueous raffinate to produce zinc sulphate. The second loop is organic and consists of a mixture of the organic extractant in a diluent. The organic is contacted with the zinc sulphate solution from the primary aqueous loop to extract zinc as an organic complex. The loaded organic is then contacted with spent electrolyte, which strips zinc, to produce a zinc rich electrolyte (loaded electrolyte). The loaded electrolyte is fed to the electrowinning cellhouse to produce SHG zinc cathode sheets, and spent electrolyte. Recirculating the spent electrolyte to the stripping stage of solvent extraction completes the third loop. The electrowinning product, SHG zinc cathode at 99,995% Zinc, does not require further refining and the final step consists of melting and casting, to produce zinc ingots.

The SHG is transported by truck to the port of Lüderitz, from where it is shipped to customers mainly in Europe.

Namzinc Refinery provides employment for approximately 430 permanent employees of which 23 are female employees and 190 business partner employees. Since 2013, the number of operators who commissioned the plant increased significantly.





# DEBMARINE NAMIBIA

## FLIGHT SPONSORSHIP FOR DESERT JEWELS TO ZAMBIA

***Debmarine Namibia sponsored the Namibia National Netball Team 'Desert Jewels' with return flights to Lusaka, Zambia where they participated in Africa Netball World Cup qualifiers.***

The Desert Jewels were competing against Uganda, Malawi, Kenya, Zimbabwe, Zambia and Botswana in their bid to qualify for the 2019 Netball World Cup.

Imelda Nerongo, the Secretary General of Netball Namibia has this to say "We have been preparing for a road trip and Debmarine Namibia just informed us that we deserve to fly and this on the eve of the Minister of Sports, Youth and National Service, Erastus Uutoni's call to corporate companies to come on board as partners of sport. This immensely adds to our excitement as we were

recently categorised as a National Sport-Code. Debmarine Namibia once again rescued us. We were ecstatic about the news and there are no words to explain the joy in our hearts. The experience in Zambia was worthwhile though we lost four of our games."

Debmarine Namibia Chief Executive Officer Otto N. Shikongo reconfirmed that "as a responsible corporate citizen, Debmarine Namibia believes in bringing diamond dreams into reality. We therefore strongly believe that our National Netball Team deserve to be assisted where we can as they displayed resilience during the Debmarine Namibia Pent Series tournament and subsequently moved up five places world ranking to number 28 on the International Netball Federation's (INF) latest ranking. That's highly commendable".



# DEBMARINE NAMIBIA DONATES TO INTERMEDIATE HOSPITAL



***Debmaring Namibia recently donated portable wheeled bins, refuse bags, water and t-shirts towards the cleaning campaign of the Intermediate Hospital Oshakati to the value of N\$140 000. In addition, the Company pledges a monthly fee for six months of N\$10 000 towards the hospital monthly medical seminars that are attended by doctors, nurses, radiographers and many more in the health fraternity from northern regions. Furthermore Debmarine Namibia made a five-year commitment of N\$300 000 towards the Ministry of Health and Social Services in support of the prevention of suicides countrywide.***

Speaking at the handover ceremony, Debmarine Namibia CEO Otto N. Shikongo said that Debmarine Namibia's corporate social investment is committed to delivering a lasting

positive socio-economic impact and creating a positive diamond legacy through initiatives such as health and welfare, community development, sport and many more.

Accepting the donation, Intermediate Hospital Oshakati Acting Medical Superintendent, Dr Korbean Vizcay Amutenya alluded to many challenges the intermediate hospital faces but remained hopeful with the great help that is coming through such sponsorships, as just received from Debmarine Namibia.

Oshana Governor Clemens Kashuupulwa was delighted and expressed his sincere appreciation to Debmarine Namibia for the generous donation. The Debmarine Namibia team visited different areas within the hospital to familiarise themselves with the challenges faced and progress made.

Seated on the left is Shavuka Mbidhi (MUN Namdeb Branch Chairperson) participates in the Wellness tests. Conducting the tests is Philemon Nakathingo (Registered Nurse – Namdeb Occupation Health Education Programme)



# A HEALTHY WORKFORCE FOR A BETTER TOMMORROW

## NAMDEB INTENSIFIES WELLNESS CAMPAIGN

***Namdeb values the health and wellness of employees and as such recognizes the important role that Wellness Programmes play in supporting business objectives. As such an intensified Employee Wellness Campaign was launched on 23 July 2018.***

The campaign which is being driven across the business is supported by members of the Namdeb Senior Leadership team and the Branch Executive Committee of the Mineworkers of Namibia, in Oranjemund. The campaign focuses on wellness, health issues such as stress and fatigue management, HIV/Aids awareness, cholesterol and Blood Pressure management.

Oscar Simbwae, the Hospital Manager at Namdeb confirmed that the objective of the Wellness Campaign is to empower employees with health-related information as well as to encourage

participation in various health tests. He further reiterated that the success of the wellness campaign will assist Namdeb in achieving the World Health Organisation global goal of 90/90/90.

Namdeb CEO, Riaan Burger strongly supports the campaign. He outlined that the Company's focus of doing the right things today, for a better tomorrow includes rolling-out correctly designed wellness programmes. Such programmes contribute to increased productivity; morale is boosted, employee relations are improved and there is reduced stress amongst the workforce

The Wellness Campaign is a collaborative effort between Namdeb's Wellness team, Peer Educators and a team from the Ministry of Health and Social Services.





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*The award, which was received by Namdeb's CEO, Riaan Burger, was presented at a State Banquet in Windhoek at the same occasion where Namibia was recognised and presented with the award for being the top performing country in Africa on the promotion of Gender Equality.*

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NAMDEB

## NAMDEB RECOGNISED FOR EQUITY AND GENDER EQUALITY COMMITMENT

On the evening of the 5th June 2018, Namdeb received the prestigious Gender is My Agenda Campaign (GIMAC) award in the Private Sector Category, through the Ministry of Gender Equality and Child Welfare. The Award is in recognition for the Company's continued contribution in achieving equity and gender equality in Namibia. It comes to show that Company's efforts over the years, such as providing bursaries, supporting the Women in Mining agenda, promoting females in lead-

ership and technical roles, Unconscious Bias training and collaboration with the De Beers Group UN Women Partnership (HeForShe campaign) have ensured that Namdeb sets benchmarks. The award, which was received by Namdeb's CEO, Riaan Burger, was presented at a State Banquet in Windhoek at the same occasion where Namibia was recognised and presented with the award for being the top performing country in Africa on the promotion of Gender Equality.

# ERONGO REGIONAL ROAD SAFETY FORUM *goes from strength to strength*

**The Erongo Regional Road Safety Forum (ERRSF) was established under the National Action Plan on Road Safety to create a common forum for all stakeholders (interested and affected parties) in road safety, to enable integration and cross pollination of ideas and organizational activities, and to achieve synergies, co-ordination and harmonious action in the promotion of road safety in the Erongo Region. It was launched by the Erongo Region Governor, Hon Cleophas Mutjavikua, on the 26th of October 2013.**







## THE NAMIBIAN URANIUM ASSOCIATION SUPPORTS EFFORTS TO IMPROVE ROAD SAFETY IN THE ERONGO REGION

Traffic conditions in the Erongo Region are characterized by a heavy load of trucks utilizing the Trans Kalahari Highway (B2) for delivering goods to Namibian destinations as well as to Namibia's land-locked neighboring countries. With the Walvis Bay Harbour being the most important harbor on the south-western coast of Africa, and currently under an extensive expansion programme, this truck traffic can be expected to grow even further in the near future. With two of the major towns in Namibia, namely Swakopmund and Walvis Bay, also being situated in the western Erongo Region, the B2 is also heavily used by commuting shuttles and private road users. Secondary and tertiary roads are especially frequented by tourists, as the Erongo region is home to a plethora of tourist attractions.

Another important road user in the Erongo Region is the uranium mining industry. Apart from using the B2 for transporting staff and students to the Rössing, Husab, Langer Heinrich and Trekkopje Mines and the Namibian Institute for Mining and

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*With the Walvis Bay Harbour being the most important harbor on the south-western coast of Africa, and currently under an extensive expansion programme, this truck traffic can be expected to grow even further in the near future.*

Technology, the B2 is also a significant pathway for all mining equipment and for the final product on its way to the Walvis Bay Harbour. Likewise, exploration companies utilize the road network to get to their exploration projects. The uranium industry's representative organization, the Namibian Uranium Association (NUA), and companies in their individual capacities serve on the ERRSF, and have so far played a key role in the facilitation of the forum's future strategy, and are also a critical success factor in ERRSF's day to day activities to help improve road safety.





At the beginning of 2018, a strategic workshop was held to streamline the organization, and increase ERRSF's effectiveness in its mandated area. The workshop was hosted and facilitated by the Namibian Uranium Institute and the Namibian Uranium Association.

Focus areas for the medium to long-term future, aligned to the UN Decade of Road Safety goals, include school outreach programmes, adult outreach programmes, tourist safety, and the development of a coordinated emergency response for the Erongo Region. Action plans for these areas are underpinned by a public relation and stakeholder engagement strategy to raise the visibility of the forum, thereby increasing its effectiveness in the long term.

Some of the challenges faced by the region include a culture of unsafe driving, speeding, multitasking drivers (e.g. cell phone use), current road infrastructure projects, inadequate road infrastructure overall and high traffic load, unsafe overtaking of trucks, drinking and driving, roadworthiness

of vehicles and poor conditions of tires, unsafe conditions for school children during poor visibility due to the abundant fog as well as darkness during winter, unsafe tourist behavior and lack of tourist awareness of the dangers of gravel roads. Very limited resources in terms of personnel and vehicles, and the absence of a coordinated emergency management plan for the region are major problems. It is therefore not surprising that the Erongo Region is second only to the Khomas Region when it comes to accident statistics, and this is an unacceptable record which is not compatible with the mining industry's strict safety standards.

The Namibian Uranium Association therefore strongly supports the vision of the ERRSF, that all stakeholders in road safety within the region should play a role in addressing these challenges, thereby improving safe driving conditions for all residents and visitors. With the effective partnership between the Namibian uranium mining industry and the ERRSF, road safety is definitely set to improve for the benefit of all road users in the long run.





**B2GOLD**  
NAMIBIA

# LIVING OUR VALUES

HEALTH



EDUCATION



LIVELIHOODS



ENVIRONMENTAL  
CONSERVATION



## OUR FOUR CSR FOCAL AREAS

B2Gold's Corporate Social Responsibility Programme aims to promote responsible mining in a sustainable manner. The gold deposit at Otjikoto Mine belongs to the Namibian people and is a finite resource, so we aim to invest in projects which have a long-term, lasting impact. Our CSR strategy is based on an ongoing assessment of the socio-economic environment in which the mine operates and through regular meetings with stakeholders at local, regional and national level, we are able to understand and focus our support in the most effective manner. The CSR strategic objectives are in line with the Namibian government's development plans and Vision 2030. We support projects which aim to lead to long-term impacts that:

- contribute to economic upliftment and poverty reduction through skills training and livelihood development;
- promote educational opportunities, capacity building, innovation and technical excellence;
- promote health and well-being by complementing and supplementing government's efforts;
- empower communities, groups and entrepreneurs to help themselves;
- contribute to the sustainable utilisation of Namibia's renewable natural resources (energy, flora & fauna); and
- improve environmental management and biodiversity conservation of indigenous ecosystems and endangered species.



**SAVE THE RHINO TRUST (SRT)**  
Clive Jonson, CEO of B2Gold Corp., donated US\$ 25,000 to SRT. B2Gold Namibia matched the funding. Namibian wildlife is crucial to livelihood improvement and must be preserved for benefit of future generations.



**NAMIBIA CHAMBER OF ENVIRONMENT**  
With the support from B2Gold and organisations such as Development Workshop Namibia (DWN), the NCE has invested in Livelihoods, Education and the Environment. DWN specialises in town and informal settlement planning and has received support from the Ministry of Urban and Rural Development. DWN's main focus is to prevent informal settlement growth and to reduce social and economic inequalities.



**EARLY CHILDHOOD DEVELOPMENT (ECD)**  
The goal of B2Gold's Holistic ECD Programme is to complement government efforts to improve quality early childhood care, development, and education through a holistic community-driven approach – at home and at ECD centres in the towns of Otavi and Otjiwarongo. This is done in partnership with Lifeline Childline.



**OTJIKOTO NATURE RESERVE (ONR)**  
The ONR offers learning opportunities to schools on a variety of subjects, based on the government school curriculum: physics, environment, conservation, sustainable use of biological resources, recycling, alternative energies and responsible living. ONR has formed smart partnerships with local institutions of higher learning for research and development studies.



**'WE CAN DO IT' CAMPAIGN**  
B2Gold employees donate canned food every quarter to various charitable organisations. The Company matches the number of canned goods that employees donate.



**DONATUS AND NAMIBIA PRIMARY SCHOOLS**  
Information Technology is an integral part of economic development in today's world. B2Gold has donated a fully-functional computer laboratory to Donatus Primary School. Learners can now do project research and can access online learning material to aid their studies.



**NAMIBIA INSTITUTE OF MINING AND TECHNOLOGY (NIMT)**  
Vocational training forms an important part of skills development. This in turn is vital for job creation and livelihood improvement. B2Gold donated an inverter to the NIMT electrical department.



**ONDUNDU VILLAGE**  
Ondundu is a small village in the Erongo region. B2Gold donated industrial cookware to the school hostel. The hostel looks after children from neighbouring farms.

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## WE MAKE YOUR BUSINESS A SUCCESS

### ABOUT OUR COMPANY

Gecko Drilling and Blasting (Pty) Ltd. is a 100% Namibian owned company specializing in the provision of exploration drilling and drill & blast services to the mining, quarrying and civil construction industries. The Company's main office and workshop facilities are strategically located at Nonidas, Swakopmund. Services include efficient and cost-effective exploration, drill & blasting as well as mining and geological consultancy. Gecko has a wealth of knowledge and experience gained over many years of operation on numerous projects across the African sub-continent. With the Company's dedicated and experienced team at hand, we are committed to ensuring that client's requirements and objectives are met effectively.

### FLEET OF DRILL & BLAST RIGS

- \* Ingersoll Rand ECM 585,
- \* Ingersoll 660 Drills
- \* Reed Drill 400C
- \* SCH 5000's Drills
- \* Bohrmeister RC & DC 6x6 & 8x8
- \* Atlas Copco D60, DM30 & T45's
- \* Boart Longyear LF90DC
- \* Bohrmeister RC & DC on tracks

### SUPPORT INFRASTRUCTURE

Gecko Drilling and Blasting owns and operates comprehensively equipped workshops and technical support networks. Field service technicians are available to maintain, repair, build and modify all equipment to ensure minimal operational downtime

### CORE CAPABILITIES

- \* Reverse Circulation drilling (120 - 152mm)
- \* Surface wire-line diamond core drilling (sizes: BQ, NQ/ NQ3, HQ/ HQ3 & PQ/ PQ3)
- \* Open-hole percussion drilling (up to 15"/320mm)
- \* Geotechnical and
- \* Grade control drilling
- \* Water well drilling up to 254mm diameter
- \* Grouting, gravel packing and cement seals
- \* Unconsolidated drilling
- \* Environmental drilling

### BACKUP AND SUPPORT EQUIPMENT

- \* Tent-based camp facilities
- \* 4x4, 6x6 and 8x8 support and supply trucks
- \* A large fleet of water bowzers, low-bed trucks & trailers

#### General Manager

Kobus Mulder

kobus.mulder@gecko.na

Tel: +264 81 567 7158

### CLIENT REFERENCES

#### NAMIBIA

- \* Rossing Uranium
- \* Kunene Resources
- \* NAMDEB-Northern Coastal Mines
- \* NAMDEB-Southern Coastal Mines
- \* Langer Heinrich Uranium
- \* UNIK Construction
- \* Crushco
- \* Namibia Construction
- \* Imerys - Graphite
- \* Celsius Resources
- \* RTX - Rio Tinto Exploration

#### SOUTHERN AFRICAN EXPLORATION COMMUNITY

- \* Glencore
- \* BCL - Botswana
- \* BHP Billiton Xstrata
- \* Jindal
- \* UMK (United Manganese Kalahari)



**CONTACT US FOR ALL YOUR  
DRILLING AND BLASTING NEEDS**



#### Director Operations

Craig Boy

craig.boy@gecko.na

Tel: +264 81 144 4061

# DAMARAN

## EXPLORATION NAMIBIA

## EXPLORING FOR COPPER, GOLD AND BASE METALS IN NAMIBIA



**Contact:** John Stockley

**Email:** info@tangaresources.com.au

**Website:** www.tangaresources.com.au

Damaran Exploration (Namibia) Pty Ltd a wholly owned subsidiary of

ASX listed Tanga Resources Limited (TRL)



# NOHF ENCOURAGES COUNTRYWIDE PARTICIPATION

***The Namibian Occupational Hygiene Forum (NOHF) held their first Windhoek based meeting on 24 April 2018, the morning before the Chamber of Mines annual Mining Expo and Conference, which attracted new participants with wider representation on issues concerning occupational safety. It is the NOHF's ambition to improve geographic access to the forum and to encourage greater involvement and sharing of ideas among occupational hygiene and safety interest groups throughout Namibia by arranging meetings and workshops in different centres.***



Windhoek attendees enjoyed interesting presentations following the meeting about Aquatico Environmental Sampling Analysis Systems, and Prismia Chemical Injury Prevention & Management, which proved very relevant to everyday mining and industrial chemical hazards.

At this meeting, Mandy Wessels of Prismia illustrated how a new solution called Diphoterine works to prevent and minimize chemical injuries. Attendees which included members from the Chamber of Mines, Namibia Uranium Association, and other new industrial representatives enjoyed a networking session over coffee after the meeting.



## 2017 & 2018

## We are committed to creating sustainable benefits for all our stakeholders.

SAFETY



### KEEPING OUR WORKFORCE SAFE

At Rössing Uranium, safety is not a ME thing, it's a WE thing!

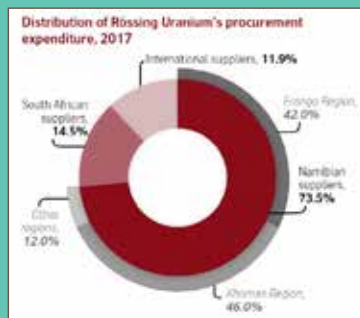
**50%** improvement in our All-injury Frequency Rate (AIFR) of 0.39 compared with 0.82 in 2016. This is the best AIFR achieved by Rössing Uranium in the past ten years.

CASH



### BUILDING THE LOCAL ECONOMY

Our business provides a strong base for economic growth in Namibia. As an employer and purchaser of goods and services we make a major contribution that gives rise to a significant multiplier effect - whereby spending by one company creates income for and further spending by others.



PEOPLE



### CREATING JOBS

Rössing Uranium is committed to a workforce that reflects the communities and cultures in which we operate. Inclusion and diversity remains a key initiative that serves as the foundation for accelerated development and retention.

#### Statistical information on our workforce, 2017

- Local and foreign employees:
  - Namibians: 98.4 per cent (941)
  - Non-Namibians: 1.6 per cent (15), including:
    - 0.5 per cent (5) work permit holders; and
    - 1.1 per cent (10) permanent residence permit holders
- Female representation: 17.8 per cent (170)
- Average age of new employees: 31 years
- Average age of all employees: 38 years
- Number of employees who left the mine's employment: 72
- Number of new employees recruited: 80

At the end of 2017 we had a workforce totaling 956 employees, slightly more than the 949 at the end of 2016. The average number of contractors at the mine increased from 752 to 964.

PARTNERSHIP



### INVESTING IN THE COMMUNITY

**N\$12.5 million** community investment

either directly by Rössing or through the Rössing Foundation in 2017

- 21** SCHOOLS ENGAGED IN FIVE REGIONS WITH THE RÖSSING FOUNDATION MOBILE LAB
- 10** MUTUALLY BENEFICIAL ENGAGEMENTS (through Rössing)
- 3** COMMUNITY COMPLAINTS RECEIVED AND ADDRESSED



Rössing Foundation  
Annual Report 2017

www.rossingfoundation.com



GROWTH



### MAKING OUR BUSINESS SUSTAINABLE

"We can't control international market conditions, but we can support our human assets and operational environment. This we did to the best of our abilities in 2017.

An important step in making our business sustainable was to ensure we have the right people in the right places. A number of organisational changes took effect to improve specific areas of our business.

We rolled out our WHY-project as a key people initiative. Working with our entire workforce, various seminars were held with the goal to engage our employees' minds, hearts and hands, to create an exciting future for Rössing.

Supporting the WHY-project was the #onlytogether initiative - reminding us that we must work together if we want to meet our production and cost-saving targets."

Werner Duvenhage  
Managing director

ENVIRONMENT



Environmental adviser, Ann-August Shikongo, takes readings at the mine's dust monitoring station at Arandis.



### PROTECTING THE ENVIRONMENT

In 2017 we concluded an intense revision of our water quality management programme. It was deemed necessary to upgrade the infrastructure for our seepage-recovery systems and scrutinise the viability of our existing water-quality monitoring programme.

The structural upgrade on the seepage-recovery system, involving installation of fully automated telemetry systems, is scheduled for commissioning in 2018.

www.rossing.com  
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RioTinto

Rössing Uranium  
Working for Namibia

Consolidating for success:  
Report to stakeholders 2017

### SHARING INFORMATION

Rössing Uranium keeps our stakeholders informed using our website, by hosting and taking part in community engagements, doing mine tours and through email, fax & telephone.

Website visits

+300K

Direct community engagements

15

Number of mine tour attendees

+1100

For any feedback, comments, concerns or complaints about our operations, please visit our website, text us at 081 143 3627, or email us at [RUL.communications@riotinto.com](mailto:RUL.communications@riotinto.com).



# IMPROVEMENT IN EMPLOYEE HEALTH & SAFETY *at Walvis Bay Salt Holdings*



**No loss of lives have occurred at the Walvis Bay Salt Holdings for the last 20 years. However, overall safety performance has been a challenge in recent years. In 2017, when the number of lost time injuries experience could be attached to half an additional employees, the company realised something drastic had to be done.**

One such initiative taken by the company is The Safety Awareness Day campaign with the slogan “target zero injuries”, has now become a quarterly event.

The company’s management and employees have made concerted efforts to reduce the Lost Day Injury Frequency Rate (LDIFR) from 5.06 in 2015 to 0.81 in the first half of 2018. All efforts are geared at keeping this rate below 1.0 for the remainder of 2018. No Disabling Injuries were recorded in the early parts of 2015, however with increasing awareness on the importance of capturing such data; an entry of 9.6 was recorded in the later months of 2015.

This rate has steadily reduced to 4.3 in the first half of 2018 mostly due to a focus on Risk Assessment Training and a company - wide induction programme.

To maintain the LDIFR and DIFR at relatively low values the company is committed to a quarterly Employee Communication & Safety Days, where various topics are discussed, and speakers from outside the company are invited to address the employees. All plants are shut down to allow all employees and management to attend.

The company’s policy on Occupational Health and Safety, in line with the target zero slogan, is to achieve the goal of ZERO HARM among all its employees, contractors, and visitors.

The company is gearing itself up for the annual NOSA grading audit to be held in the last quarter of this year. The aim is to achieve a 5 Star NOSA rating.



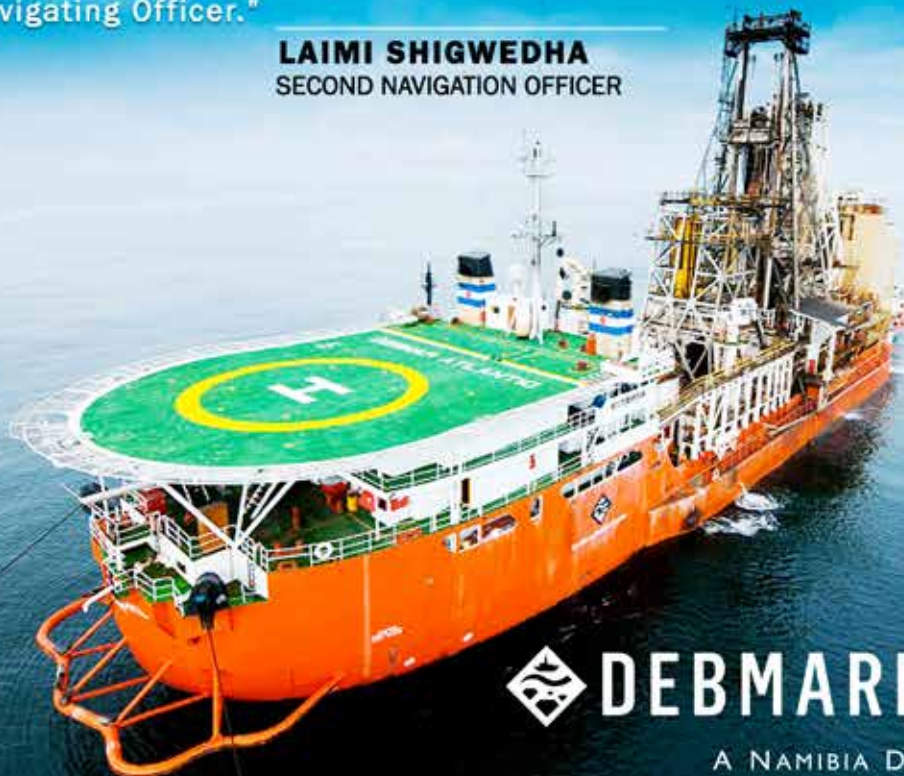


# EMPOWERING

## WOMEN IN MARINE DIAMOND MINING

"I have been with Debmarine Namibia for six years, I worked my way up through different positions. I started off as a Deck Rating, then up to a Trainee Security Officer. Then I took up a position at the head office as Clerk for the Marine Department, then I was promoted to Logistics. I got an opportunity to further my studies at Cape Peninsula University of Technology and obtained my ticket as Second Navigating Officer."

**LAIMI SHIGWEDHA**  
SECOND NAVIGATION OFFICER



# DEBMARINE NAMIBIA

A NAMIBIA DE BEERS PARTNERSHIP





# OUR RESOURCES DIG DEEPER FOR YOUR RESOURCES

**RMB.** Solutionist Thinking.

**WHILE YOU THINK ABOUT WHERE AND WHEN, WE THINK ABOUT THE HOW AND WHY.**

It's this complement of minds and experience that come together to create Solutionist Thinking and it's precisely what makes RMB the perfect mining industry partner.

ANGELIQUE PEAKE Apeake@rmb.co.za +264 61 299 8103

[www.rmb.com.na](http://www.rmb.com.na)

RMB Namibia is a division of First National Bank Namibia Limited.



Traditional values. Innovative ideas.





A NAMIBIA DE BEERS PARTNERSHIP

# IT TAKES EXCEPTIONAL ENDURANCE TO FIND NAMIBIA'S PRIDE TODAY AND TOMORROW.

Throughout Namibia's rich diamond history, Namdeb has played a significant role in contributing to the socio economic development of the country. Every facet of our diamond mining process is aimed at creating value to make lasting contributions safely sustainably and responsibly.

**GOOD TODAY.  
BETTER TOMORROW.**

