



Chamber of Mines OF NAMIBIA

The quarterly newsletter of the Namibian mining industry

NEWSLETTER





“How do we
improve lives through
sustainable innovation?” **“With a bank that
believes in the power
of our natural resources.”**

Co-financer of US\$50 million package Hardap Solar Power Production Plant

To us, sustainability is not a buzzword, it's an essential element of our financial commitment to creating a better Namibia. It's for this reason we have co-financed a US\$50 million package to assist Alten Africa in building one of the largest solar power plants in Sub-Saharan Africa.

The new plant will be situated in the Hardap region and, once operational, will meet the annual electricity needs of over 70,000 Namibians who currently go without power. This is what motivates our efforts as we continue to finance renewable energy initiatives that enable Namibia's growth, and improve the lives of its people.

Chamber of Mines

OF NAMIBIA

NEWSLETTER

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ON THE COVER



Dr Gabi Schneider,
Director of the Namibia
Uranium Association and
Mr Veston Malango, CEO
of the Chamber of Mines
of Namibia, welcoming
Hon. Tom Alweendo,
Minister of the Ministry
of Mines and Energy to
the 2018 Mining Expo and
Conference.

CHAMBER OF MINES

PRESIDENT: Z. KASETE

FIRST VICE PRESIDENT: H. MBAKO

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CEO'S FORWARD



“

The number of visitors increased from 735 in 2017 to 2,748 in 2018.

The 7th Mining Expo and Conference, held on the 25th and 26th of April at the Windhoek Showgrounds, was an even greater success in comparison to the previous two years. The upbeat atmosphere, which characterized exhibitor stands, resonates with the broader optimism shared by the global mining community due to improving mineral commodity markets driven by growing demand for base metals and battery minerals by the electric vehicles industry. Moreover, the participation of new exploration companies and service providers indicated a growing interest in Namibia, which has recently received worldwide attention with the discovery of cobalt and for other known deposits of battery minerals.

The Chamber is excited to report that all booths were booked out within the first two weeks of registration, while the number of exhibitors and visitors increased from 73 and 735 in 2017 to 94 and 2,748 in 2018, respectively. Moreover, 94% of exhibitors had indicated they would participate in the 2019 Mining Expo and Conference, while service providers reported the conclusion of sales and deals. Despite the persistently low uranium price, the Chamber is grateful to the Uranium industry for their continued support, with the sector representation through the Namibia Uranium Association and Swakop Uranium's participation as an individual exhibitor.

Namibia's uranium sector is facing increasing difficulties as operations are under pressure from stagnant uranium prices. The Langer Heinrich uranium mine released an announcement on

25 April relaying intentions to commence with preparatory plans to place the operation on care and maintenance. The mine has initiated the necessary consultations with stakeholders, including Government, customers and employee representative organisations. The process is expected to be completed at the end of June. The Chamber of Mines has also circulated the details of potentially affected employees to members for possible re-employment at other mining operations.

The uranium industry has also suffered a monumental loss with the recent passing of Dr Wotan Swiegers. He practiced as a passionate medical doctor, saving and helping the lives of many, but also contributed immensely to the mining sector through uranium safety and radiation related matters. On behalf of the mining sector, I would like to extend my sincere condolences to his family and the uranium sector – we truly have lost a hero and custodian.

On a slightly more positive note, I would like to congratulate the new Chamber President, Mr Zebra Kasete, who is the Vice President and Managing Director at Dundee Precious Metals Tsumeb, and the new first Vice President, Hilifa Mbako, Managing Director of Orano Resources, on their recent appointments to the Chamber of Mines Executive Committee. The Executive Committee will be finalized with the announcement of the Second Vice President at the Chamber Bosberaad in September 2018.

I trust you will all enjoy reading the second edition of 2018 Chamber Newsletter.

Veston Malango
CEO – Chamber of Mines
25 June 2018



Dr Wotan Swiegers

13.06.1946 – 30.05.2018

It is with sadness that we announce the passing of the Founding Director of the Namibian Uranium Institute and an Honorary Member of the Namibian Uranium Association, who was not only an outstanding colleague with an enormous vision and life-long commitment to the uranium industry in Namibia, but also a medical doctor who saved countless lives. It was an enormous privilege to work with him and we will ensure that his legacy will live on in the work we are doing.

Dr Wotan Swiegers was a prominent figure in the public life of his beloved home town of Swakopmund, and probably best known for his medical skills and empathy, with which he touched countless lives. In the uranium sector, we also remember him for his devotion to radiation safety and lifelong commitment to assist the industry in making a lasting contribution to the development of Namibia.

A graduate from the University of Stellenbosch Medical School, Dr Swiegers joined the Rössing panel of doctors in 1978, after which he was appointed as Rössing's Chief Medical Officer. Subsequently, he piloted the construction of the Mine Medical Centre, the Arandis Clinic and the Cottage Hospital in Swakopmund. While at Rössing, he equalized the systems of Accident and Permanent Health Insurance, as well as Medical Aid for all employees. Equal treatment across the board was unique in the mining industry in Southern Africa at the time. He later also established the Bismarck Medical Centre and founded the Medixx Occupational Health Company.

Twelve years ago, during the "Uranium Rush," a period of mushrooming uranium exploration and mining activities at the height of the uranium price cycle, Dr Swiegers developed a national uranium

stewardship management system for the Chamber of Mines of Namibia. This included best practice standards and guidelines for health, environment and radiation safety and security; and with great vision initiated and guided a Strategic Environmental Assessment of the Uranium Province. He founded the Namibian Uranium Institute, and was instrumental in bringing the Namibian Uranium Association to life. Both institutions today stand for what he had lived: international best environmental and health standards without any room for compromise.

As an Executive Director of the Namibian Uranium Institute, Dr Swiegers worked tirelessly on the implementation of the Uranium Stewardship Principles to ensure the sector adopted and pursued the highest standards, while promoting the Namibian uranium brand. Upon retirement, he remained involved in the industry as an Honorary Member of the Namibian Uranium Association and offered regular advice to many a committee and working group, despite the fact that he had returned to practicing as a medical doctor on a full-time basis!

Dr Wotan Swiegers was a philanthropist, a philosopher, and a great mentor. The industry will miss his readily available and valuable advice, his ability to find solutions even in hopeless situations, and his wisdom, guidance and warm kindness.

Our thoughts are with the family and friends in this difficult time.

May his soul rest in eternal peace

Members of the Namibian Uranium Association and Chamber of Mines of Namibia, and staff of the Namibian Uranium Institute and Chamber of Mines of Namibia



Namibian
Uranium
Association





WALVIS BAY SALT REFINERS *Invests in new Salt Wash Plant*

Walvis Bay Salt Refiners will soon invest more than N\$90 million in a new wash plant, the single biggest capital investment since the inception of the company in 1964. The last major investment was in 2015 when the company expanded its salt field's footprint by adding an additional 1,100 hectares of concentration and evaporation ponds to its network of ponds, now covering a total area of 5,300 hectares. The company also installed an additional seawater intake and a feeder pipeline.

The current maximum output of the company's 30-year old wash plant is about 900,000 tons per annum if operated at full capacity all year round. At this rate of production, the wash plant is only able to process about 80% of the expanded salt field volumes. The new wash plant will have a washed salt capacity of 1.1 million tons per annum.

Walvis Bay Salt Refiners, a subsidiary of Walvis Bay Salt Holdings, is the largest producer of solar sea salt in sub-Saharan Africa. The company produces solar sea salt by pumping seawater from the Walvis Bay lagoon through a series of concentration and crystallisation ponds. Over a period of 18 to 24 months, the seawater is evaporated to ultimately form a thick layer of salt crystals on crystalliser pavements, which are mechanically harvested, washed, dried and stored to yield chemical grade or general purpose salt. Products, which fully comply with international quality standards and certifications for various consumer markets, are supplied in both bulk and bag formats.

Walvis Bay Salt Refiners will invest more than N\$90 million in a new wash plant that will cater for two independent wash lines, reducing downtime and risk of defaulting on a shipment. This will be the single biggest capital investment since the inception of the company in 1964.
Photo Credit: Volker Pesch.

“The rapid expansion of our business during the last couple of years has necessitated this investment in latest technology to keep up with the higher demand,” says Andre Snyman, Walvis Bay Salt Holdings Managing Director.

Since the company’s inception just more than 50 years ago it has increased production more than 20-fold. Apart from supplying to the local market, roughly 80% of products are exported to various markets internationally. In recent years Walvis Bay Salt Refiners made great in-roads in opening up new markets in Europe and the United States.

The new wash plant will offer a range of benefits including a reduction in washing losses, lower moisture levels and improved product quality. In general, international markets require moisture content to be lower than three per cent. The new salt wash plant will have the capacity and ability to ensure Walvis Bay Salt Refiners meets this and other stringent international quality standards.

Different plant designs and layouts were evaluated through a process of intense research that commenced in 2015. Where the current wash plant consists of a single line, the new plant design will cater for two independent wash lines, reducing downtime and risk of defaulting on a shipment.

The management and execution of this project will be carried out by a team of appropriately qualified and experienced personnel from the internal resources of Walvis Bay Salt Refiners, as well as local engineering service providers overseen by an independent project manager.



Since the inception of Walvis Bay Salt Refiners just more than 50 years ago, the company has increased production more than 20-fold through ongoing investments in infrastructure development and human capacity building. Photo Credit: Volker Pesch



“Walvis Bay Salt Holdings is well respected in the mining and manufacturing sectors of Namibia, contributing significantly to the local economy. Through ongoing investments in equipment, infrastructure development and human capacity building the company clearly shows its committed to supporting our Government’s ‘growth at home’ strategy,” says Snyman. The group also produces high-quality table salt for the premium Cerebos brand for local and export markets.

Construction of the new plant will commence during June 2018. It is planned to start cold commissioning in October 2019 and handover of the plant for production is scheduled for mid-November 2019.

The infrastructure investment will also include a new reception, security office, induction office, information centre and training room as well as a warehouse and ablution facilities.

“Walvis Bay Salt Refiners is operating its business in a Ramsar site. It is an important tourist visiting point and is also a place of learning for regular school tours. The new reception area will provide space and will be equipped to accommodate school tours and tourist visits, which ultimately not only contributes to the image of the company, but also the town of Walvis Bay,” says Snyman.

BANNERMAN RESOURCES NAMIBIA

EXPANDING COMMUNITY PARTNERSHIPS

As an exploration company, Bannerman Mining Resources Namibia is focused on the development of the Etango Uranium Project 40 kilometres outside of Swakopmund. But as a corporate citizen, their focus extends far beyond one project in the Erongo Region.

LOOKING TO THE THE FUTURE

In response to the Ministry of Mines and Energy's mandate, to diversify the benefits of mining to remote regions where mining does not occur, Bannerman is currently expanding its outreach, both geographically and internally. The focus will be on enhancing the successful Early Learner Assistance Scheme and strengthening the existing partnership with the One Economy Foundation, which has already witnessed meaningful impacts on learners, prisoners, and entrepreneurs throughout the country.

Seven years ago, Bannerman began its Early Learner Assistance Scheme, an outreach project run in partnership with the Ministry of Education, Arts and Culture to provide essential school uniforms, socks, shoes and backpacks to learners with extreme needs in the Erongo Region.

During this period, Bannerman staff clocked thousands of kilometres and visited 28 schools, several of them more than once, providing assistance to over 2,100 learners. The company amplified their partnership with the Ministry of Education and visited two schools in the Omaheke Region. Joined by Ministry officials, traditional leaders and parents, Bannerman went to Donkerbos and Chief Sofia Jacobs Primary School where they provided 333 learners with individualized parcels of school uniforms, socks, shoes and backpacks.

Speaking at the handover event at the Chief Sofia Jacobs Primary School, the Councilor of the Aminuis Constituency and Member of the Second House of Parliament applauded Bannerman for its commitment to contributing to His Excellency, Dr Hage Geingob's goal that in building Namibia, no one should be left behind. "Chief Sofia Jacobs was an iron lady, who was adamant that this school should be built here for the benefit of the San community. When we ask what benefits we are getting from the country's natural resources, this is the benefit, this

support for needy children, from an exploration company that is near the sea but is plowing back support into rural communities," said the Honourable P. Kazongominja.

After helping with the handover of more than 150 school uniforms at the Chief Sofia Jacobs Primary School, Ms. Uajorokisa Akweyne from the One Economy Foundation said, "We commend Bannerman Mining Resources for their passion and dedication towards Education and more so for focusing on rural, remote areas which are often overlooked. Thank you for including us and giving us the opportunity to restore dignity to the learners of the Chief Sofia Jacob Primary School."

In March 2017, Bannerman Mining Resources announced that the One Economy Foundation had become a 5% shareholder in the Etango Project. Since this partnership was established, Bannerman employees have had the opportunity to expand their knowledge of the opportunities and impact of social development in the country.

Reflecting on the partnership, Werner Ewald, Managing Director of Bannerman Resources Namibia, "In the past year, we've attended several events driven by our partners at the One Economy Foundation, such as the Talented Individual Programme and Be Free initiative. This has opened our eyes to the greater needs and also greater possibilities that exist in Namibia. "We believe that the Early Learner Assistance Scheme has a part to play in this bigger picture. By supporting children and inspiring them to reach for their dreams, they can become part of the solution to the challenges facing our country."

Starting early, one child, one school uniform at a time, Bannerman is extending its reach and indeed helping to change the nation.



Rössing employees receiving Making-a-Difference awards at a function held recently, recognising the efforts of the company's employees to take its performance to the next level.

MAKING RÖSSING A GREAT COMPANY TO WORK FOR

EMPLOYEE RECOGNITION THROUGH RÖSSING'S MAD AWARDS



“*With our defined values of safety, teamwork, respect, integrity and excellence, we recognise and reward employee efforts and going the extra mile,” Werner explained.*

—
MANAGING DIRECTOR,
WERNER DUVENHAGE

A total of 29 employees were awarded certificates and trophies during Rössing's recently held annual Making-a-Difference (MaD) awards ceremony in Swakopmund.

In total 309 employees received recognition awards during 2017 which is the highest since inception of the MaD awards five years ago.

While good work is already being recognised on a daily basis at Rössing, Rössing's employee recognition programme recognises individuals and teams that have gone above and beyond normal work expectations to help achieve the company's business goals.

The programme is in place across Rio Tinto's businesses worldwide.

Speaking at a recent awards ceremony, Rössing's managing director Werner Duvénhage congratulated the annual award recipients, saying that once again Rössing is illustrating what “good to great” looks like in our everyday lives.

He explained that the company remains committed to supporting our employees, both now and in the future, because we believe that our employees are our most important asset. We challenge employees and help them build a rich and rewarding career with us.

We offer challenging and exciting work, a focus on innovation and technology, a culture of collaboration and teamwork, a safe working environment and opportunities to be successful.

In thanking all the recipients and their leaders for their contribution to making Rössing a great company to work for and be proud of,

Werner said “I am convinced that through your outstanding efforts you help to shape our bright future. Only by working together can we achieve our goal of building a company that is recognised, admired and respected for delivering superior value and for being a trusted partner of industry.”

The MaD awards are presented in a number of categories namely HSEC (health, safety, environment and communities); business value (innovation, productivity and value creation); replication (improving the business by adopting or sharing ideas that add value); living our values as well as team membership which recognises team leadership and community involvement.

Werner noted that people are one of the company's five priorities, driving business and helping to take performance to the next level. He mentioned that the organisational culture embeds developing and recognising the efforts of all employees.

“We are committed to the recognition of our employees as a means of saying that you are improving employee morale, which we know will drive performance excellence and employee engagement.”

“With our defined values of safety, teamwork, respect, integrity and excellence, we recognise and reward employee efforts and going the extra mile,” Werner explained.

Rössing understands the value of fostering a diverse workforce, employees with different approach to the same situation, together finding a solution in the best interest of the company.



The Dundee Precious Metals and GHM delegation meeting with His Excellency, Dr Hage Geingob and Minister of Mines and Energy, Hon. Tom Alweendo.

DUNDEE PRECIOUS METALS ACCELERATES GOVERNMENT'S EFFORT TO PROMOTE ECONOMIC EMPOWERMENT FOR ALL NAMIBIANS

DUNDEE PRECIOUS METALS INC. (DPM) IS PLEASED TO ANNOUNCE THAT IT HAS ENTERED INTO AN AGREEMENT TO TRANSFER AN EIGHT PERCENT OWNERSHIP INTEREST IN DUNDEE PRECIOUS METALS TSUMEB (PTY) LTD. (DPMT OR THE TSUMEB SMELTER) TO GREYHORSE MINING LTD. ("GHM").

DPM will also be transferring an additional two percent ownership interest in the Tsumeb Smelter to a DPMT Employee Trust to be established for the benefit of the smelter employees.

"This transaction is another demonstration of our support for the government and its New Equitable Economic Empowerment Framework," said Rick Howes, President and CEO of Dundee Precious Metals Inc. "As a leader in corporate social responsibility, we believe this transaction will help achieve the objectives of economic empowerment across a broad group of Namibians including our own employees." "This transaction creates hope for previously disadvantaged Namibians to believe that share in wealth will let the business grow. I am thrilled by the fact that our employees are new shareholders and they will be working for their company which will result in increased productivity," said Zebra Kasete, DPMT's Vice President and Managing Director.

GHM intends to execute a broad-based empowerment strategy based on enterprise, entrepreneurial development, skills development, mentorship and knowledge transfer.

"We are extremely excited about our new relationship with DPM and DPMT," said Saul Kahuika GHM's Board Chairperson. "This transaction is another example of how DPM is delivering on its commitments to stakeholders in Namibia and is proactively seeking to achieve the objectives set out in the NEEEF".

The principal terms and conditions of the GHM acquisition are:

- GHM will acquire an 8% share for approximately US\$20.2 million.
- The acquisition will be financed by DPM.
- GHM will receive an annual dividend of USD 500,000 for the first 5 years subject to DPMT having sufficient available distributable funds and GHM achieving approved performance metrics.
- GHM will nominate one of the five members of DPMT's board. The board will also include three DPMT employees and a fifth independent director to provide additional Namibian perspective and diversity.

The transaction has been substantially agreed to between the parties and is expected to be completed by mid-2018. The structure and details of the DPMT Employee Trust are currently underway and additional information will be available when the final details are reached.

Since the acquisition of the Tsumeb Smelter in 2010, DPM has made significant investments to modernize the Tsumeb smelter and transform it into a sustainable operation. Through the Dundee Community Trust, DPMT also provides support to local SME's and entrepreneurs and funds sport, art, health and education projects in the community.

African Stars Scoop N\$500,000 at the Debmarine Namibia Cup Finals

The Debmarine Namibia Cup finals for the 2018 season which took place on Saturday, 19 May 2018 at Sam Nujoma Stadium in Katutura, Windhoek was a great success. The 2018 season kicked off with 32 National soccer teams, leading Unam FC and African Stars FC into the finals.

African Stars scooped N\$ 500 000 when they won the match with 1:0 from the game, while Unam walked away with N\$ 250 000. Many individual players were also awarded with various cash prizes and trophies in various categories.

Among others, the final match between Unam and African Stars was attended by the Vice President of the Republic of Namibia, Honorable Nangolo Mbumba. The Debmarine Namibia cup finals 2018 was indeed a great success as sport lovers filled the Sam Nujoma stadium in full capacity as part of showing their support to the two teams.

As part of ploughing back to our communities, Debmarine Namibia continues to nurture the dreams of Namibian youths through sports.

CUP KINGS ... African Stars celebrate winning the Debmarine Namibia Cup final at the Sam Nujoma Stadium on Saturday. Photo credit: The Namibian Newspaper



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

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)

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HIGHLIGHTS FROM THE THE 2018

1

From left to right: Mr Uuapi Utjavari, Chairperson of Namibia Petroleum Operators Association (NAMPOA), Mr Zebra Kasete, President of the Chamber of Mines of Namibia, Mr Simeon Negumbo, Permanent Secretary of the Ministry of Mines and Energy, and Mr Veston Malango, CEO of the Chamber of Mines of Namibia, officially opening the 2018 Mining Expo and Conference.



2

The lady made of gold miming at the Navachab gold mine stand.

The 2018 Mining Expo and Conference attracted 2,748 visitors compared to 735 in 2017.



3

Ailly Namupala, Communications Officer at the Namibian Uranium Association (NUA) with colleagues from the uranium industry about to welcome the first round of visitors to the NUA stand.

4

Mr Malango hands over the Best Stand award for the non-mining category to *The Namibian Newspaper*.



8 MINING EXPO& CONFERENCE

5

Visitors learning more about the Skorpion Zinc mine in the south of Namibia as they visit the Vedanta stand.

In a feedback survey, 94% of the exhibitors indicated they would participate in the event next year.



6

Mr Simeon Negumbo enthralled by the gems exhibited by small-scale miners.



8

Mr Zebra Kasete handing over the Best stand award for the mining company category to Rosh Pinah Zinc Corporation.



7

A diamond cutter and polisher displays his skills in the diamond hub.



9

Mr Zebra Kasete and Mr Veston Malango handing over the runner up award to Skorpion Zinc for best stand in the mining category award.

B2GOLD CELEBRATES OFFICIAL IN

Otjikoto Mine, Otjozondjupa Region. On the 29th of May, B2Gold Namibia celebrated the opening of the B2Gold Otjikoto Solar Farm. The event was officiated by the Ministry of Mines and Energy, Hon. Tom Alweendo.

In 2017, B2Gold broke ground on the construction of a 7 megawatt (MW) photovoltaic (PV) solar power plant at its Otjikoto Mine. In his keynote address, Hon. Alweendo stated that the Otjikoto Solar Farm is yet another significant contribution in the private sector's drive for sustainable energy solutions.

"This solar plant will deliver positive economic, environmental and social impacts that is likely to outlive the life of mine. I am also informed that this solar plant will be one of the largest installations of its kind in Namibia. It will serve as a sustainable power solution as B2Gold works to improve economic returns, reduce impacts on the environment, and could potentially be a funding source for community development."

Prior to the inclusion of the solar plant to the mine's energy portfolio, the Otjikoto Mine obtained 100% of its energy requirements from 24 MW of installed generation capacity at the Otjikoto power plant, comprising of heavy fuel oil (HFO) diesel generators. With a consistent demand of 12.5 MW 24 hours per day, the plant consumed 21.7 million litres of HFO during 2017, costing approximately \$10.5 million.

In his presentation to showcase the new plant, John Roos (Manager Projects & Compliance, B2Gold

Namibia) outlined the reasoning for the facility's development, including B2Gold's commitment to environmental stewardship, its dependence on a steady supply of HFO, its exposure to increasing oil prices, and the Company's focus to remain a low-cost producer.

"Driven by these challenges, the B2Gold project team embarked upon a detailed financial feasibility study early in 2016 to prove the financial viability of adding a 7 MW solar plant to Otjikoto's energy portfolio. Based on the results of this study, the project was approved in October 2016 with an estimated project cost of \$8.5 million."

The project team evaluated a number of potential vendors within a very competitive solar industry in Namibia. CAT Microgrid Solutions, through their local dealer Barloworld Power South Africa, was chosen for the construction of the solar plant. The decision was principally based on the state of the art technical capabilities of the CAT Master Microgrid Controller (MMC), which has been designed specifically to seamlessly integrate solar PV energy with Otjikoto's HFO and high-speed engines. Furthermore, the MMC has the capability to automatically select the cheapest form of energy (from the multiple sources of energy available) with no human intervention.

A moment to celebrate; from left to right: Bill Lytle (Senior Vice President of Operations, B2Gold Corp.), Dr Leake Hangala (Chairman of the Board of Directors, B2Gold Namibia), Hon. Tom Alweendo (Minister of Mines & Energy), Mark Dawe (Country Manager & Managing Director, B2Gold Namibia), and John Roos (Manager Projects & Compliance, B2Gold Namibia).



AUGURATION *of Otjikoto Solar Farm*

BY GRETHA DU PLESSIS

The solar PV array comprises approximately 62,400 115 watt (W) CAT thin film solar panels, manufactured by First Solar. These panels are mounted on a PiA solar tracking system. DC power is converted to AC power through 240 Sunny tri-power three-phase SMA string inverters. Energy generated by the solar plant is evacuated to the Otjikoto power plant by a 3.5 km powerline. The CAT MMC (installed at the Otjikoto power plant) controls the flow of energy from the solar to the power plant.

The feasibility studies indicate an expected savings of 20% of HFO consumption through the reduction of load to the power plant as well as savings on maintenance costs on the power plant's HFO engines. B2Gold expects it will reduce energy costs by 14% in 2018.

The plant will allow the Company to significantly reduce fuel consumption and GHG emissions from the site's current 24 MW HFO power plant. This solar plant will become an asset that can outlive the life of mine and will serve as a sustainable power solution as B2Gold works to reduce impacts on the receiving environment and communities surrounding its operations.

As a novel initiative, B2Gold is considering the utilisation of the solar plant as an income-generating asset after the mine closes due to depletion of its reserves. Funds generated by this asset could be used to support ongoing CSR activities in the region long after the mine has shut down.

In his address, Minister Alweendo outlined other B2Gold accomplishments in the sphere of sustainability and CSR, including:

- The signing of a Memorandum of Understanding with Total Namibia – with Total committing two cents of every litre of HFO sold to B2Gold Namibia, to the Namibian Chamber of Environment;
- Little Shop of Physics (LSOP) – B2Gold Namibia's flagship sustainable education initiative. The programme is endorsed by the Namibian Ministry of Education, the Namibia Institute of Education and Development (NIED), and the University of Namibia (UNAM). The purpose of LSOP is to overcome traditional barriers to exploring and learning physics in schools; and
- B2Gold's Otjikoto Nature Reserve, which B2Gold established on 15,000 ha of land adjacent to its mine operation. The Reserve aims to increase the number of species in the area, restore and conserve the habitat of the area, support conservation and other biodiversity research, and provide conservation and biodiversity education opportunities to surrounding communities and schools from across Namibia – in 2017, a total of 1,189 school learners and 221 teachers visited the Otjikoto Nature Reserve.

An aerial view of the B2Gold Otjikoto Solar Farm (looking east).



Event area at the Otjikoto Solar Farm, from left to right: Mark Dawe (Country Manager & Managing Director, B2Gold Namibia), Hon. Tom Alweendo (Minister of Mines & Energy), Dr Leake Hangala (Chairman of the Board of Directors, B2Gold Namibia), and Bill Lytle (Senior Vice President of Operations, B2Gold Corp.).



ONDUNDU RECEIVES RAINCOATS VALUED AT N\$40 000.00

Keeping dry: Learners at Ondundu Primary school can now attend classes regardless of the weather as the school received raincoats to the value of N\$40 000.00 from Dundee Precious Metals Tsumeb on Wednesday, 18th April 2018.



LEARNERS AT ONDUNDU PRIMARY SCHOOL CAN NOW ATTEND CLASSES REGARDLESS OF THE WEATHER AS THE SCHOOL RECEIVED RAINCOATS TO THE VALUE OF N\$40 000.00 FROM DUNDEE PRECIOUS METALS TSUMEB ON WEDNESDAY, 18TH APRIL 2018.

Attending the event was Dundee Precious Metals Tsumeb Social Performance Senior Manager, Isai Nekundi, Oshikoto Regional Councilor for the Tsumeb constituency Honorable Lebbius Tangeni Tobias, representing the Mayor of Tsumeb Cllr. Ingenesia David, The Oshikoto Circuit Inspector Gottlieb Gee Shikongo, Ondundu Principal Juliane Nakale, teachers and learners.

According to Nekundi, the initiative to donate raincoats came after a Dundee employee driving to work on a rainy morning witnessed learners who had been soaked running through puddles of water on their way to school. Although the learners had been soaked by the rain, it did not dampen their spirits and they had smiles on their faces as they continued their journey to school.

Nekundi praised the learner's determination to receive education. "Your determination to get to school and get your education despite the circumstances you face is nothing less than admirable. As a responsible corporate citizen, Dundee firmly believes in the importance of education for the development of our nation and for the overall benefit to humanity" he said.

"The quest to educate each Namibian child is everyone's and not only the government's responsibility. We can all play different roles in the mission to ensure, learners receive the best education on our watch. We can all contribute in building a better and educated Namibia" he added.

Nekundi concluded by wishing the learners well on their examinations, a great academic career and thanking the Ondundu management team for accepting the Company's gesture on behalf of the learners and recognizing the importance of the need that is overlooked by many.

Oshikoto Regional Councilor for the Tsumeb constituency Honorable Lebbius Tangeni Tobias, thanked Dundee on behalf of the Tsumeb community and commended them for responding positively to the Presidents call to build the country together.

"We are all as Tsumeb community beneficiaries from Dundee. On behalf of the Tsumeb community I wish to thank Dundee for the wonderful donation they gave to Ondundu School. They have responded positively to the call from His Excellency, Dr Hage Geingob, of holding hands and building this country together. I thank them for taking care of our children!"

OHORONGO CEMENT AFRICA DAY ROAD SAFETY CAMPAIGN A SUCCESS



Ohorongo employees will encourage Namibians to drive safely and adhere to road safety regulations.

“

We also care about the lives of Namibians in general, thus we thought it would be a great opportunity to utilise the upcoming public holiday for this awareness campaign.

—
JUNGE JANSEN

Ohorongo Cement employees engaged more than 1000 motorists on the B1 between Otavi and Tsumeb on Thursday (24 May 2018), at a roadblock on the B1 near the Ohorongo Cement Plant entrance. The roadblock was managed by the Otavi Police and Traffic officers, under the direct leadership of Chief Inspector Shipepe.

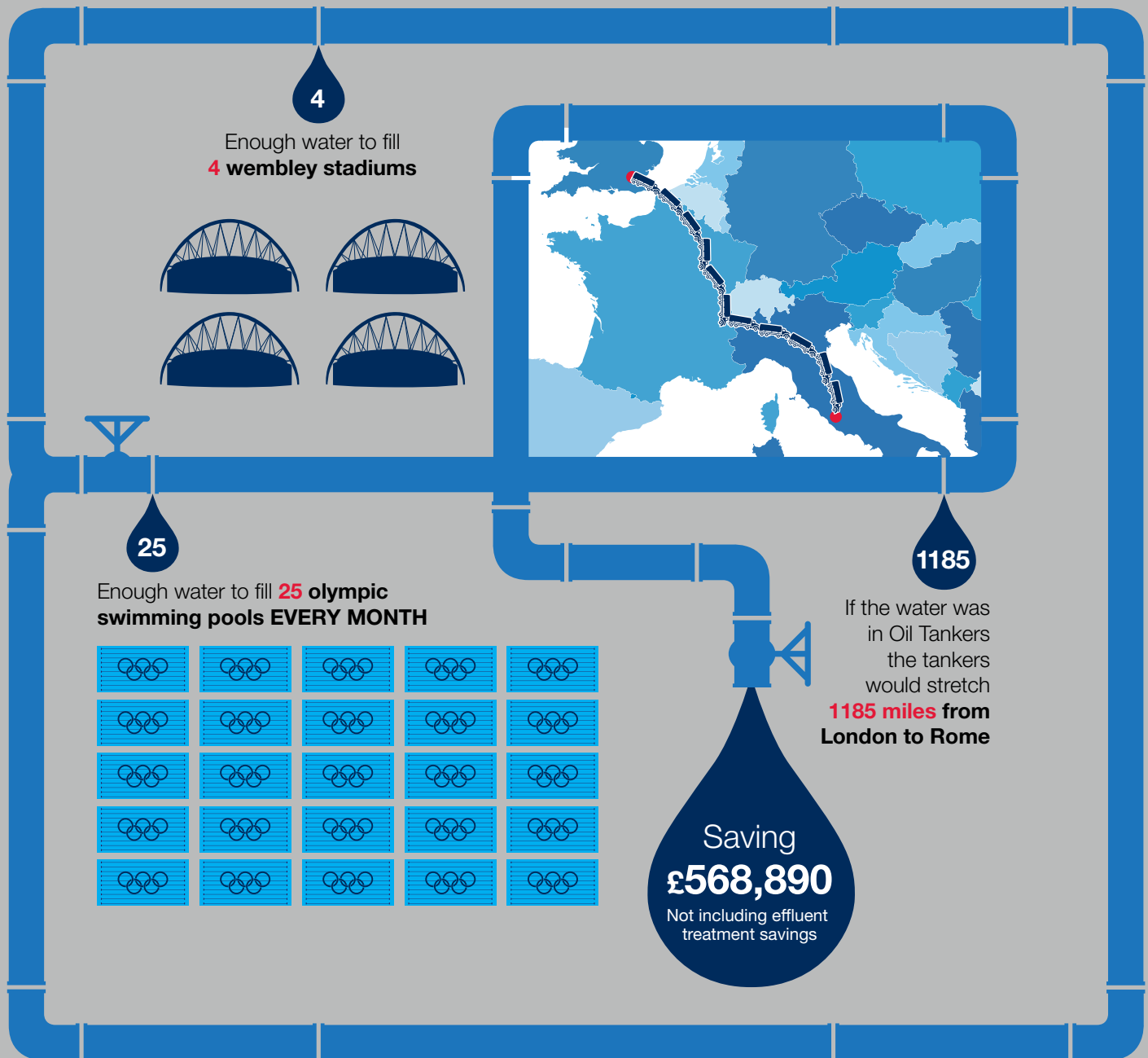
The participation of Ohorongo employees in this campaign, is one of many ways used by the company to complement the road safety awareness efforts of the National Road Safety Council.

Ohorongo values the lives of its employees, and takes great care to ensure their safety within their working environment. “We also care about the lives of Namibians in general, thus we thought it would be a great opportunity to utilise the upcoming public holiday for this awareness campaign,” said Junge Jansen, Ohorongo Cement’s Health and Safety Coordinator.

Jansen added thanked those motorist who heeded the call to be courteous and respectful towards other driver. “We are glad that we could participate in the road safety awareness campaign. We believe that what we have done could also have contributed to an accident free Africa Day long weekend especially on the B1 road from Otjiwarongo towards the northern regions,” said Jansen.

MVA Fund also assist during the initiative.

4.5 Billion litres of water will be saved in the next 6 years



International packaging and paper group Mondi is installing AESSEAL® water management systems at its Richards Bay mill, cutting water use by more than 60 000 kilolitres per month, and helping to conserve scarce water resources in northern KwaZulu Natal. The order provides for 167 AESSEAL® type-SW2 and SW3 water management systems that will use recycled water to cool, lubricate and flush mechanical seals in the Richards Bay plant. The new AESSEAL® systems will help save Mondi over 4.5 Billion litres of water and £568,890 in the next 6 years.

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DEBMARINE CELEBRATES WORLD ENVIRONMENT DAY



Debmarine Namibia Environmental Team handing out cloth bags at various shopping outlets in Windhoek to raise awareness on plastic pollution.

World Environment Day (WED) celebrated on the 5th of June annually has developed into a global platform for raising awareness and taking action on increasingly urgent issues, from marine pollution and global warming to sustainable consumption. The theme for this year's WED, "BEAT PLASTIC POLLUTION", serves as a call for all of us to combat one of the greatest environmental challenges of our time – Plastic Pollution.

WHAT EFFECTS DOES PLASTIC WASTE HAVE ON THE MARINE ENVIRONMENT?

Plastic within the marine environment affects all animals, from those too small to see with the naked eye to the largest of marine creatures. Plastic of all sizes, including plastic bags, straws, films, microfibers and microbeads can be ingested by animals and cause the release of chemicals that can cause harmful effects along the food chain. When fish and other marine species mistake plastic items for food, they ingest the particles and pass toxic chemicals through the food chain and ultimately to our dinner plates.

Debmarine Namibia underpinned by our policy commitment to prevent pollution from waste, do not make use of single-use plastics such as straws, cutlery and shopping bags on board the vessels. To raise awareness on the Namibian problem of plastic shopping bags, Debmarine Namibia distributed cloth shopping bags at various shops around Windhoek and to all occupants of the Namdeb building to create awareness of single-use plastics on our environment.

OTHER TIPS TO MINIMISING PLASTICS INCLUDE:

- Carrying a reusable water bottle or cup
- Packing your lunch in reusable containers
- Refusing disposable straws and cutlery
- Picking up any plastic you see the next time you go for a walk on the beach
- Or simply sharing these tips with family and friends

Considering the damage plastics can cause in our environment, we should all take collective action in our homes and communities to minimise the use of single-use plastics and stop the flow of plastics into our environment.



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The rotary kiln, where the RDF material is used during the burning of clinker in the cement production process.

Non-recycle material being prepared for shredding at Rent-A-Drum's RDF processing plant just outside Windhoek

OHORONGO ENSURES NON-RECYCLABLE MATERIALS DOES NOT END UP IN LANDFILLS



OHORONGO CEMENT HAS COMMITTED TO ENSURING THAT SELECTED NON-RECYCLABLE MATERIALS COLLECTED DURING AND AFTER THE UPCOMING NATIONAL CLEAN-UP DAY, DOES NOT END UP IN LANDFILLS.

Many towns in Namibia are currently struggling to properly dispose of plastics and other non-recyclable material, which merely ends up on rubbish dumps and in landfills. This is detrimental to the environment and the health of Namibians countrywide.

Plastic carry bags for instance, takes between 10 – 20 years to decompose, while items such as Styrofoam cups takes up to 50 years before it is broken down.

The Managing Director, Mr. Hans-Wilhelm Schütte, made this commitment, saying that this forms part of the company's contribution towards Namibia's quest to become the cleanest country in Africa.

Namibia was swept clean in the largest nationwide clean-up campaign that was called by H.E. President Hage Geingob on 25 May 2018 (Africa Day), where all citizens were expected to participate in cleaning up their respective neighbourhoods.

In 2017, Ohorongo entered into an agreement with Rent-A-Drum to supply & deliver selected and processed non-recyclable material, which is used to burn as alternative fuel in the kiln during the

cement manufacturing process. This reconfirms the company's commitment towards the environment and keeping Namibia clean.

"We purchase the processed material and burn it along with other alternative fuels to fire the kiln, which is key process of cement manufacturing. The kiln has gas temperatures of up to 2000 Degrees Celsius, which guarantees complete combustion and destruction of all organic substances, resulting in no harmful emissions," said Schütte.

The move by Ohorongo to become part of the solution to keep Namibia clean has created in excess of an additional 80 jobs at Rent-A-Drum's Refuse Derived Fuel (RDF) processing plant outside Windhoek.

To ensure Namibia remain a clean country, Ohorongo is encouraging all towns and settlements that participated in the national clean-up campaign to send the collected waste material to Rent -A-Drum's collection facilities in Windhoek, Oshakati, Swakopmund and Walvis Bay.

Schütte added that "burning non-recyclable materials in the kiln will not affect the cement quality, as only

non-hazardous material is utilised during this process and all activities are done in a sustainable manner, without compromising on quality or the safety of the environment."

Ohorongo together with a Namibia company, Metallurgical Research and Consulting CC (METRECO) are also investigating the use of Tyre Derived Fuel (TDF). If successful, TDF will be the fourth alternative fuel source in the Ohorongo Cement alternative fuel mix.

During the planning and establishment phases of the cement manufacturing plant, the usage of alternative fuels was foreseen, and technical equipment, including the filtering systems, have been designed and built accordingly. The aim is to replace up to 80% of the fossil fuels with alternative fuels.

RDF is the third alternative fuel in Ohorongo Cement's fuels mix, as the company has been using other alternative fuels, consisting of wood chips from encroacher bush, and charcoal fines since 2011 and 2015 respectively.

Besides this commitment, the company also supported the nationwide initiative by contributing made a contribution of gloves, rakes, and spades to the Otavi Town Council to be used on the clean-up day. Employees of Ohorongo participated in their respective community initiatives.



B2GOLD
NAMIBIA

LIVING OUR VALUES

HEALTHCARE



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);
- improve environmental management and biodiversity conservation of indigenous ecosystems and endangered species.



SAVE THE RHINO TRUST (SRT)

B2Gold Namibia has sponsored SRT with a record-setting N\$3 million over a three-year period (2015 to 2017). During a recent field visit B2Gold generously contributed a further US\$50,000 – US\$25,000 from the Vancouver head office and a US\$25,000 personal donation from Clive Johnson, President & CEO, B2Gold Corp.



NAMIBIAN 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 specializes 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.



THE LITTLE SHOP OF PHYSICS

The Little Shop of Physics (LSOP) programme takes complex physics concepts and theories and demonstrates them in creative ways, using every-day materials. The focus is on training teachers in the LSOP methodology, as well as showing learners that physics and science can be fun.



DONATUS AND NAMIBIA PRIMARY SCHOOLS

Donatus Primary School in Otjiwarongo received a fully-fledged computer laboratory with cutting edge IT hardware. Namibia Primary School in Windhoek inaugurated their boundary wall in November to ensure their children and teachers enjoy a safe and secure environment.



PRINT SPONSORSHIP: 99FM MYD JOURNAL

"99FM's Master Your Destiny (MYD) programme restored our faith in humankind, the strong fibre of the Namibian community, and the integrity of our fellow human beings." *Christine Hugo, Director: 99FM*



PHARMACCESS MOBILE MISTER SISTER CLINIC

This B2Gold sponsored mobile clinic delivers a full range of primary healthcare to patients in informal settlements around Windhoek. The clinic also teaches parents about the critical importance of a child's early development – the first 1,000 days of life, from conception to two years of age.

CONTACT

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RADIATION

SAFETY

TRAINING

AT THE NAMIBIAN URANIUM INSTITUTE

Ionising radiation in the workplace can be a risk to the workforce. It is therefore essential that radiation-related risks are professionally managed, and that their impacts are deliberately and purposefully minimised. This can be achieved by ensuring that staff is aware of work-related risks, and by providing hands-on training on how to minimise the exposure to radiation-related risks at work. Relevant, regular, and specific radiation-related training and raising of awareness are therefore essential, particularly for those who are or may be exposed to radiation risks. Such training must ensure that radiation-related risks are readily identified, comprehensively understood, and placed into perspective, without being dismissive or unduly afraid of any sources of risk.

The Namibian Uranium Institute in Swakopmund, in collaboration with the specialist consulting firm VO Consulting, is regularly offering radiation safety and radiation protection training courses. These are aimed at informing potentially affected persons about radiation-related risks, advising on suitable control measures, practicing monitoring, handling modern measurement instruments, and demonstrating how the concepts of radiation safety are best communicated and implemented.

The main objective of contemporary radiation-related training is to empower staff responsible for the safety of the workforce, including those aspiring to become Radiation Safety Officers; and to ensure that radiation-related risks are neither trivialised, nor that staff are immobilised by fear of radiation and its potential impacts on the body. Effective radiation safety training is best achieved in an environment where qualified and experienced radiation safety professionals explain the do's and don'ts, provide systematic guidance on how radiation-related risks are identified, monitored, and managed, and systematically convey how exposure to radiation is kept as low as reasonably achievable.

The Namibian Uranium Institute in collaboration with VO Consulting offers a variety of radiation safety and radiation protection courses. These are specifically designed for persons wishing to become radiation safety professionals and persons exposed to radiation-related risks, as well as for interested members of the public. The following training courses, which were designed and developed by VO Consulting, include:





RADIATION SAFETY OFFICER COURSE MODULE 1

A 6-day course introducing the basic radiation-related skills required by practicing Radiation Safety Officers (RSOs);

RADIATION SAFETY OFFICER COURSE MODULE 2

A 5-day training course, focusing on radiation safety, and associated monitoring approaches, instruments, and radiation-related applications in the workplace;

RADIATION SAFETY OFFICER COURSE MODULE 3

As the capstone RSO course, which is offered over 4 days and covers the legal, regulatory and compliance matters relating to Namibia's radiation safety legislation and contemporary regulatory requirements;

RADIATION TECHNICIAN COURSE

A basic introduction to radiation safety and associated workplace competencies for persons seeking employment as assistant RSOs;

RADIATION SAFETY OFFICER REFRESHER COURSE

An annual 2-day course covering contemporary topics in the field of applied radiation safety;

RADIATION SAFETY FOR MANAGERS

A half-day course serving as a basic introduction to the principles of radiation protection for managers;

RADIATION SAFETY FOR RADIOGRAPHERS

A 1-day course covering the basic radiation safety aspects of relevance to persons operating medical source of ionising radiation, including X-ray equipment;

RADIATION SAFETY FOR TRANSPORTERS OF RADIOACTIVE MATERIALS

A 1-day course on the basic principles of radiation safety for persons who are transporting radioactive materials;

RADIATION SAFETY FOR SEALED RADIOACTIVE SOURCES

A 1-day course on the basic requirements and radiation safety when handling sealed industrial radiation sources;

RADIATION SAFETY IN EMERGENCIES

A 1-day radiation safety course for first responders and protection services who may have to deal with radiative material in their course of duty; and

AN INTRODUCTION TO RADIATION AND URANIUM

A 2-hour course specifically aimed at interested laypersons and those wishing to get a better understanding of radiation-related topics and uranium mining as takes place in Namibia's Erongo Region.

In support of these training courses, the Namibian Uranium Institute is in the process of publishing a comprehensive textbook for Radiation Safety Officers and related practitioners. The *Radiation Safety Officer's Handbook* is authored by Dr Gunhild and Dr Detlof von Oertzen (VO Consulting). The Radiation Safety Officer's Handbook is complemented by two easy-to-read brochures which were previously published by the Namibian Uranium Institute, i.e. the

Guide to Radiation in Namibia's Uranium Exploration and Mining Sectors, authored by Dr Gunhild and Dr Detlof von Oertzen of VO Consulting; and

Questions Answered about Uranium and Radiation, which was authored by Dr Gunhild and Dr Detlof von Oertzen of VO Consulting.



Interested persons wishing to attend a radiation-related training course are invited to contact Monika Ruppel or Ailly Namupala at the Namibian Uranium Institute in Cottage Avenue in Swakopmund, or give them a call at telephone 064 – 402 393, or send an email to administrator@namibianuranium.org. The staff of the Namibian Uranium Institute will gladly assist in booking the training courses, and will provide additional information on the course content and schedule of future courses. Information on upcoming courses is also available from the webpage of the Namibian Uranium Association www.namibianuranium.org.



SKORPION ZINC

Creating sustainable livelihoods for our women in the //Kharas Region

Skorpion Zinc has entrenched social responsibility into its business strategy since its inception. Believing that business objectives should include the overall development of communities around its surrounding areas, the company has always aimed to go beyond mere corporate social responsibility (CSR).

Skorpion Zinc places a strong focus on the empowerment of women, not only in the workplace, but in the communities as well. The aim of the projects is to provide less-privileged, unemployed women and youth with the opportunity to generate a regular income that will in turn make a strong contribution to the local economic development of the town of Rosh Pinah in the //Kharas Region of Namibia. It directs some of its livelihood programmes at rural women who can use their talent to participate in income, self-sustainability projects through handicraft, goat and sheep rearing, gardening, sewing and knitting.

“It is important for us to understand the needs and genuine concerns of people before providing them with the necessary stimulus to not only address these issues but to ensure social involvement, acceptability and sustainability as well,” said Nora Ndopu, Corporate Affairs and Sustainability Manager at Skorpion Zinc.

The following are some of the community projects Skorpion Zinc has implemented in collaboration with stakeholders in the //Kharas Region.

“

It is important for us to understand the needs and genuine concerns of people before providing them with the necessary stimulus...

—
NORA NDOPU

SUSTAINABLE LIVELIHOOD:

Poverty alleviation through goat farming

The Skorpion Zinc Goat Project was launched in 2012. It covers the communal areas of Karasburg, Bethanie, Tses, Berseba and Snyfontein in the //Kharas Region. The number of beneficiaries now stand at 44 households. This translates to about 2,156 allied beneficiaries. The revolving design of the project ensures sustainability and provides seed stock for other future beneficiaries. This is a contractual obligation to the recipients. Each beneficiary received 30 female goats and 1 ram and is expected to contribute the same total number back (in smaller batches) for revolving, starting only after 3 years. In addition, they are supported with veterinary treatment, improved breeding and training for small-scale farming and are visited monthly by Agriculture Extension Officers for continued mentoring and monitoring purposes. Most of the beneficiaries in the Goat Project are women headed households.

Within years, all the recipients had doubled their investment with good income. During emergencies, they sell to settle their needs.

THE OBJECTIVES OF THE GOAT PROJECT ARE:

- To contribute towards poverty alleviation in Namibia and ultimately towards achieving Vision 2030.
- Affording the rural poor a sustainable entrepreneurial opportunity to improve their livelihoods through Goat farming.
- Increasing the average monthly household income of beneficiaries.
- Improving the household food security and nutrition of beneficiaries.



“We believe that secure livelihoods are essential to community development, and working with with key stakeholders enables communities to strengthen livelihood strategies and ultimately contributes towards improved household income that reduces poverty.”

Irvinne Simataa
General Manager

SKORPION ZINC

*Creating sustainable
livelihoods for our women
in the //Kharas Region*

SUSTAINABLE LIVELIHOOD: Gardening Project

The garden makes use of the pot-plant gardening technique, which requires minimal water usage, and produces spinach, onions, carrots, beetroots, and green peppers. Surplus produce from the garden is sold to a local retailer (Spar), different business partners around Rosh Pinah and to the local community. With this new income stream, the women are able to provide some basic needs for their households, giving them additional independence.

Although the women involved in the project heavily rely on indigenous gardening knowledge and have no formal agricultural training, they continuously seek to improve and grow their garden. Currently the women are learning about how to better develop compost using old dry leaves and other items. This garden gives the women an additional level of economic independence as they now have a new stream from which to earn income and food security.

A request for additional land to expand the project has been sent to the local municipality. Once approved, the current project members are looking to mobilize as many community members as possible - especially women - to join the project. With increased land and membership will come increased produce, translating into even greater nutritional and financial returns. With this expansion in mind, the women have identified a need for financial management training that will empower them to better manage the finances of their project.



LOCAL ROSH PINAH WOMEN PARTICIPATE IN THE ORGANIC GARDEN INITIATIVE, WHOSE OBJECTIVES ARE TO:

- Contribute towards food security and nutrition for families,
- Promote vegetable gardening in Rosh Pinah
- Transfer and preserve indigenous gardening skills, including low water consumption.
- Provide those involved with a sense of security, not only towards provision of food, but towards the ability to earn an income for other needs.





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