



Chamber of Mines

Newsletter

A quarterly newsletter for the Namibian mining industry

● Issue 03/2014

August 2014



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Rössing Uranium plans to build a new desalination plant six km north of Swakopmund to provide for its water supply needs.



Chamber of Mines hosts the fourth Mining Conference, with attendance numbers exceeding over 500.

Chamber of Mines Newsletter

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Message from the CEO

Amidst a turbulent period for the Namibian mining industry, the Chamber of Mines hosted a very successful Mining conference in May 2014, with attendance exceeding well over 500. The conference was attended by stakeholders from all sectors including students, government officials, staff and managers from the various mining operations. The Chamber received positive feedback while stakeholders applauded the informative and engaging nature of the conference. Let me take this opportunity to remind you that as from 2015 onwards, the biannual Mining Expo will be taking place on an annual basis in conjunction with the Mining Conference.

As mentioned above, the Namibian mining industry faced various challenges in the last three months. The uranium price dropped to its lowest level in nine years at U\$28 a pound on 20 May 2014, and unfortunately there has not been much improvement since.

As a result, Rössing embarked on a restructuring exercise to mitigate the effects of the unfavourable market conditions, resulting in the retrenchment of 200 workers as from 1 August 2014. The restructuring exercise is to sustain operations, avoiding possibility of placing the mine on care and maintenance, or worse, mine closure. Rosh Pinah Zinc Corporation also announced plans to retrench 124 workers in May in an attempt to curb costs.

Furthermore, Okorusu mine was placed under care and maintenance from 1 July to 31 August 2014, owing to mineralogical challenges with the remaining low grade ores from the D-pit. Whilst skeleton staff will be maintained during this period, all employees will receive full pay and benefits during this initial suspension period.

The Chamber is confident that the retrenched employees will be absorbed by the new job opportunities that are currently being created with the development of three new mines. The construction of the B2Gold Otjikoto gold mine remains on track and will come into production as scheduled in the last quarter of 2014. Construction of Swakop Uranium's Husab mine is also meeting the necessary deadlines in order



to commence production in the first quarter of 2016.

The new Tschudi copper mine, owned by Weatherly Mining Namibia, is on par with its construction schedules, having achieved significant milestones to date. The mine, which will be producing copper cathode, is expected to come into production in the first quarter of 2015.

The Chamber remains positive about the outlook for the mining industry on a local and global scale, despite the current depressed market conditions for uranium. The Chamber is of the opinion that in the long to medium term, uranium prices will rebound and with that, hopefully the development of Valencia's Norasa uranium project and Bannerman's Etango uranium project will come to fruition.

Veston Malango
Chief Executive Officer
8 August 2014

Skorpion Zinc grooms scientists

In its quest to continue uplifting the standards of education within the //Karas Region, Skorpion Zinc has once again proved its commitment towards grooming Namibia's future scientists.

The 2014 //Karas Region Science Fair held in Keetmashoop was a success. More than 160 participants from 24 schools around the region participated.

The science fair is a collaboration between the Directorate of Education in the //Karas Region and Skorpion Zinc.

During the fair, learners were given an opportunity to showcase their science projects, and explain the techniques used to design the projects.

All the projects were of a good standard and learners applied a high level of creativity and used the best materials they could find. However, there could only be five winners. In the Junior Primary project category, the top award was given to Stefan Burger a Grade 4 learner from Oranjemund Private School, who showcased how you can lift a load with a lever using the least amount of effort.

The top award in the Senior Primary category went to Jesse Witbooi a Grade 7 learner from Rosh Pinah Academy for his project titled 'shrink that footprint'. The project illustrated how wasteful Rosh Pinah residents could be with the free electricity given to them.

The top Junior Secondary award was given to Grade 8 learner Wilka Johannes, also from Rosh Pinah Academy. Wilka presented a project on the impact that retrenchment has had on the Rosh Pinah community.

Oranjemund Private School Grade 11 learner Nelao Ndakunda won best prize in the Senior Secondary category for her project entitled 'Does Empirical Probability Approach Influence Theoretical Probability?' The prize for the best Grade 12 project was taken by Gerald Titus from Suiderlig High School. Gerald's project was based on the Geo-Hydro Thermal Power.

The //Karas Region Science Fair is used as



Jesse Witbooi – Top Senior Primary



Nelao Ndakunda – Top Senior Secondary



Stefan Burger – Top Junior Primary



Wilka Johannes – Top Junior Secondary

a platform to select the best projects that will compete against best projects selected from the other 13 regions. The winners at the fair will represent the //Karas Region at the National Science Fair later this year in Windhoek and Skorpion Zinc is committed to supporting the team further.

The projects exhibited at the 2014 //Karas Regional Science Fair were of an exceptional standard. It was encouraging to see

more schools from smaller towns and rural settlements participating.

In order to encourage schools to motivate their learners to take part in this educational event, the schools with the most participants were also awarded.

The Top Best Government School was awarded to PK De Villiers Secondary

Dundee Precious Metals Tsumeb named Most Supportive Corporate

For the second consecutive year, Dundee Precious Metals Tsumeb (Pty) Ltd has been named "Most Supportive Corporate" by the Namibia Chamber of Commerce and Industry (NCCI).

The honour was bestowed upon Dundee Precious Metals, which owns and operates the Tsumeb Smelter, during the NCCI's Annual General Meeting and Gala Dinner at the Windhoek Country Club and Resort on 28 June 2014. Dundee also received the award in 2013.

"Recognition such as this from a time-honoured institution like the NCCI is truly gratifying," said Hans Nolte, Vice President and General Manager of Dundee Precious Metals who received the award on behalf of the company.

"We at Dundee continuously try to play a constructive role in society by supporting and encouraging those businesses, organisations and projects that need a hand to move to the next level of sustainability," Nolte said.

"We care about the quality of the communities in which we operate."

Noting that 'Community Investment' is one of Dundee's corporate values, Nolte added, "Our legacy will be to ensure we have helped residents make the community a better place than before we arrived on the scene. We have a strong corporate and social responsibility to the communities in which we invest."

Since acquiring the Tsumeb Smelter from Weatherly Mining in 2010, Dundee has donated more than N\$5 million to worthy projects and initiatives through its corporate social investment arm, known as the Dundee Precious Metals Tsumeb Community Trust.

Of the total amount distributed from 2011 to date, the lion's share of N\$3.2 million (69 percent) went to educational endeavours, while N\$1.1 million (17.8 percent) was dispersed to small and medium sized business enterprises, and another N\$288,327 (4.6 percent) was given to social welfare projects. A further N\$219,617 (8 percent) was



GOOD CORPORATE CITIZEN - Hans Nolte, Vice President and General Manager of Dundee Precious Metals Tsumeb (centre) receives the Most Supportive Corporate Award for the second year in a row from the Namibia Chamber of Commerce and Industry at the NCCI's AGM on 28 June. On the left is Maria Luisa Abrantes, Secretary of State of the Republic of Angola and Chairperson of the Angolan National Private Investment Agency together with Sven Thieme, newly elected NCCI President.

allocated for arts and cultural undertakings, while N\$59,000 (1.2 percent) went to requests falling under the "general" category. Aside from community trust activities, Dundee also gives support to its employees, to the Tsumeb community and to the nation at large:

- In April, Dundee Tsumeb completed the first phase of a N\$15 million homeownership project by handing over 65 new houses to low income employees. The houses were built in partnership with the National Housing Enterprise (NHE). The second phase of the project will see the construction of another 80 to 100 houses for Dundee employees.
- Also in April, in response to a call by community leaders for more training facilities in

Tsumeb, Dundee Tsumeb donated a new N\$650,000 building to residents for use as a multi-purpose educational centre. The 100-square-metre Tsumeb Educational Centre features classrooms for computer training, educational workshops and adult literacy and numeracy sessions. It also serves as an after school homework corner/study hall for learners.

• At the beginning of 2014, Dundee Tsumeb made a "sizeable" donation to the National Emergency Disaster Fund for drought relief efforts in Namibia. In the past the company has assisted Government with money for food and supplies for victims of flooding in the far north of the country.

• Dundee spends approximately N\$1 million every year through its bursary scheme to



support tertiary level students pursuing careers in fields related to the core business of the company, such as metallurgy, engineering, environmental science, occupational health, human resources and accounting, to name a few. In this way Dundee aims to create a pool of technical skills to sustain its industry, and also to contribute to the overall goals of Government's strategic plan, Vision 2030.

- Dundee Precious Metals Tsumeb is the main sponsor of the annual Tsumeb Copper Festival. In this regard the company provides full funding for the gala fundraising dinner and various event-related expenses. It also sponsors festival theme competitions for local schools as well as free business training courses for SME owners during the festival week.

- For the past several years, Dundee has assisted the Tsumeb Municipality with generous funding and technical expertise for a variety of projects, chief among them the revamping of the municipal water reticulation and storage system to the tune of more than N\$1 million.

- At a cost of N\$5 million, Dundee has installed five permanent, state-of-the-art environmental monitoring stations at different points in Tsumeb to measure dust fallout, sulphur dioxide gas and airborne arsenic trioxide. The data is transmitted to South Africa for independent analysis based on internationally accepted environmental standards.

- Dundee operates a fully staffed, conveniently located Information Centre (open weekdays) to provide the public with information about employment, tenders, environmental conditions, study bursaries, smelter operations, company policies, and the Tsumeb Community Trust.

- Through its partnership with the Tsumeb branch of the NCCI, Dundee Tsumeb provides a wide range of funding and training opportunities for local SMEs. Dundee also injects millions of dollars into the local economy each month through its patronage of local suppliers and service providers.

- Every August, Dundee Tsumeb hosts its Golf Fun Day for suppliers and service providers to raise funds for local charities. In 2013, the company collected over N\$140,000 which was then apportioned to charitable causes.

- Dundee further provides major funding for an ongoing Neighborhood Watch programme in Tsumeb in an effort to reduce criminal activity in the community.

- Several times a year Dundee officials conduct feedback meetings to brief Tsumeb residents about environmental management issues, the progress of various projects at the Tsumeb Smelter, and the company's plans for the future. In conjunction with this initiative, Dundee establishes and nurtures links with local community groups as part of its "reaching out" strategy.

- Dundee is a major sponsor of the Otavi Investment Expo and Festival, a major contributor to the Cheetah Conservation Fund and a major exhibitor at the annual Polytechnic Career Fair.

Looking to the future, Dundee Precious Metals Tsumeb is researching new and innovative ways to manage its arsenic waste products in an effort to minimize potential impact on the environment and the human population. For this exciting work, Dundee Tsumeb is partnering with scientists and metallurgists both in Namibia and in Canada.

Skorpion Zinc grooms scientists

FROM PAGE 5

School and Top Best Private School went to Rosh Pinah Academy.

Science fairs serve as a platform where learners from various schools and backgrounds are given the opportunity to showcase their skills and innate traits in experimenting, exploring, innovating and discovering. This event is intended to bring the best out in learners, harnessing responsible and productive citizens who can contribute towards the realisation of Vision 2030 and beyond through science and technology.

Some of the key objectives of any science fair are to encourage:

- Active involvement and interest by students in science.
- Students to pursue their interests in science beyond the boundaries of the classroom.
- Students to undertake planned and controlled investigations in science and report their results in an appropriate manner.
- Students to apply these processes to scientific enquiry to topics that interest them.
- Students to record and present their work for others and in so doing, develop the various skills used in scientific communication.
- Enabling the community, including other students and teachers, to see project work done by students in the various schools within the //Karas Region.
- Excellence in science and engineering.

Skorpion Zinc Mine and Refinery is committed to the //Karas Science Fair and will always aim to work hand in hand with the Directorate of Education and the organising committee as well as other partners to develop the event. Skorpion Zinc is proud to have been associated with this event for the past three years.



The Otjikoto plant under construction.

Otjikoto construction remains on schedule – B2Gold

Construction of the Otjikoto mine remains on schedule to commence gold production in late 2014.

All major excavations on the project are complete and the only substantial earthworks project remaining is the relocation of a gravel district road (scheduled to be completed in Q3, 2014).

More than 16,000 cubic metres of concrete have been poured and less than 10 percent of the total volume remains outstanding. Steel erection continues on site and millwrights are currently installing the crusher and milling circuits.

All material earthworks in the tailings pond have been completed and water has been captured from the rainy season to start the

mill. Employees and contractors on site now total around 1000.

Mining remains on budget with 2014 forecasts and more than 7.5 million tonnes has been moved since pit inception.

The project team recently began mining ore and is placing material on the stockpile in anticipation for start-up.

A construction camp about two kilometres northeast of the mine is operational to accommodate construction workers at the Otjikoto site – although a large percentage of the workforce comes from Otavi and Otjiwarongo and are bussed to the site on a daily basis.

This camp will only be operational during the construction phase. At present, it

houses 300 construction workers.

On 22 January this year, B2Gold Corp. announced an initial inferred resource estimate for the recently discovered Wolfshag zone at the Otjikoto gold project of 6.8 million tonnes at 3.2 grams per tonne (“g/t”) gold containing 703,000 ounces gold. The Wolfshag zone occurs directly adjacent to the east and northeast portion of the planned Otjikoto open pit which has an average grade of 1.42 g/t gold.

The initial high grade inferred resource estimate for the Wolfshag zone indicates the potential for future expansion of gold production and/or increase in the mine life of the Otjikoto gold project.

The Otjikoto gold project is located ap-



always room for improvement and B2Gold considers this a milestone on the road to safety excellence.

Corporate Citizenship

B2Gold Namibia considers responsible corporate citizenship as a key component to maintaining a strong reputation within the communities which it operates.

The vision of the company is not only being a profitable mining company, but also being a company that makes a meaningful difference, leaving a legacy to be proud of even after mine operations have ceased.

Corporate Social Responsibility

Construction of the Otjikoto Mine will be complete towards the end of 2014, and the mine will have its first full year of production in 2015.

Despite this timeline, B2Gold has already spent N\$3.4 million on community social responsibility (CSR) projects in 2013, and has a budget of N\$4 million for 2014.

The CSR department strives to make a positive difference in the lives of its stakeholders and is already supporting over 30 CSR projects, focusing on its mandate areas of education, health, SME development and conservation.

Emphasis will be placed on developing long-term, sustainable projects going forward.

By focusing on long-term projects, livelihoods will develop, resulting in capacity development, skills transfer, entrepreneurship, economic independence, and employment growth for the Otjozondjupa region.



Learners from a Windhoek school attended a B2Gold open day, visiting the Otjikoto mine and construction site, as well as the B2Gold Farm.

proximately 300 kilometres north of Windhoek between Otjiwarongo and Otavi and is owned 90 percent by B2Gold and 10 percent by EVI Mining (Proprietary) Ltd, a local empowerment group.

The life of the open pit mine, based on the probable reserves, is estimated to be 12 years, with annual forecast gold production of approximately 141,000 ounces of gold per year for the first five years, and for the life of mine approximately 112,000 ounces of gold per year. During production the site will require more than 500 full time workers. The Otjikoto project will inject nearly US\$400 million of investment into the local economy over its present envisaged life of mine.

Health, Safety and Environment

The Otjikoto operation achieved the milestone of 365 days of Lost Time Injury (LTI) free days on 29 June 2014.

The last recorded Lost Time Injury suffered by a B2Gold employee or Contractor was on 29 June 2013, which translates in excess of two million hours worked without a single Lost Time Injury.

B2Gold Namibia's HSE Department, along with the management team, has developed safety systems, policies and procedures to raise safety awareness amongst its employees and contractors leading up to the milestone to date.

While the achievement is pleasing, there is

B2Gold Farm and Educational Centre

B2Gold Namibia is the owner of five commercial farms, measuring approximately 16,000 ha inside which the Otjikoto mine project is located. This land has been turned into a conservation area – a project which rests on three pillars:

- Science: Support for scientific research
- Education: Development of an educational centre of excellence
- Conservation: Illustrate how mining activities can be a direct benefit to the environment and conservation

It is B2Gold's aim to demonstrate to Government and all stakeholders that a well-run mining operation can be a positive catalyst for environmental rehabilitation and wildlife conservation.

Founding President opens new road to Husab

It was a proud moment when the permanent road from the B2 transport route to the Husab mine was officially opened on 7 May 2014 by the founding President, Dr Sam Nujoma.

The 22 km road project, which includes a bridge over the Khan River, took 16 months to complete at a cost of N\$180 million.

Nujoma said he was filled with pride, given that the road was built with an investment from a company owned by the Chinese Government, which Government and people he holds dear to his heart.

“China has been – and continues to be – a true friend of Namibia. Not only has China supported the liberation struggle of our motherland, but it continues to significantly contribute to the growth of our economy.” He said the investment in the Husab mine – the single largest of its kind in Namibia – was a clear testimony of the strong bond of friendship and solidarity between China and Namibia.

The new road, which travels through part of the well-known moon landscapes, is one of the most beautiful drives in Namibia.

On a good day, springbok, ostriches and even cheetah can be seen while travelling on the road.

The road was built to minimise travel time for Swakop Uranium’s employees from the nearby towns of Arandis, Swakopmund and Walvis Bay.

Before the road was opened for traffic in May, a temporary road off the C28 and

northwards along the Welwitschia Drive to the Husab site was used.

The temporary road has been upgraded and will remain open as an emergency access road for abnormally large deliveries to the Husab site, or should an incident on the permanent road block the traffic flow.

It now takes about 30 minutes to travel from Arandis to the Husab site, about an hour from Swakopmund and about 90 minutes from Walvis Bay using the new road. According to Koos Calitz, Swakop Uranium’s Project Mechanical Engineer, an engineering study conducted before the construction of the Husab Project, proposed road access from the B2 for general access and transport of employees.

The study further suggested rail access from Walvis Bay across the Swakop River for the transportation of bulk materials such as diesel, consumables and reagents to the mine.

“Since the rail link from Walvis Bay was going to cost a whopping N\$1.2 billion, we had to find a more economical solution,” he said.

“We knew that a narrow gauge railway line had been operational in the area from 1899 to 1910, so we investigated a combined road and rail link from the B2 road. This, we thought, would save on construction costs as well as minimise the footprint of the required infrastructure, with associated environmental benefits.”



The founding President, Dr Sam Nujoma, unveils the solid granite road marker at the B2 turn-off to the Husab mine. The marker weighs a massive 34 tonnes.

The study showed that, while it would be possible to construct a new railway line, it would not be economical because of the steep gradients leading to the Khan River. It was thus decided to abandon railway access and only provide for a proper tar road to connect Husab with the national road network.

Tasked to find the most suitable route for the access road to the Husab site, Koos explored the rugged terrain on his computer using Google Earth. He then got into his 4x4 and drove an alternative route until he could go no further.

“Then I got onto my motorbike and rode through the seemingly inaccessible places, taking readings on my GPS until I believed I had the shortest route available that would have minimal impact on the sensitive surroundings,” he said.

Koos eliminated some of the potential routes which were too narrow. “Such narrow passages would have necessitated too



Vital statistics

Length of the road from the B2 to the Husab mine: 22 km
 Width of road: 7 m tar with 2 m gravel shoulders
 Amount of fill sourced from borrow pits and mine: 1.5 million m³
 Length of bridge: 160 m
 Bridges in Namibia longer than this one: 18
 Longest bridge in Namibia: the 667 m structure outside Swakopmund
 Distance from Swakopmund to B2 turn-off: 43 km
 Distance from Arandis to B2 turn-off: 12 km
 Distance from Swakopmund to the Husab mine: 65 km
 Distance from Arandis to the Husab mine: 34 km
 Distance from Walvis Bay to the Husab mine: 96 km



The 160 m long bridge over the Khan River is the longest built in Namibia since independence

much blasting and subsequent engineering,” he explained.

The road and bridge over the Khan River – the longest bridge built in Namibia since the country’s independence in 1990 – posed certain environmental and historically significant challenges during their design and construction, especially since part of the road runs through the Namib Naukluft Park.

Since the area is environmentally sensitive with desert flora and fauna, the route had to be carefully selected and well positioned to prevent significant impact on the environment.

Most of the route is either furthermore

within tributaries of the Khan River, with part of the route, about 3 km, within the Khan River itself.

All the latter had to be accommodated during the selection and design of the route. In addition to Koos Calitz’s surveys, the project engineers walked many kilometres to arrive at the shortest route available that would have the least impact on the sensitive surrounding.

In addition, Lidar surveys (a detection system which works on the principle of radar, but uses light from a laser) with photo imagery were conducted over a large portion of the project area.

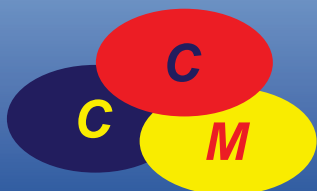
Unfortunately, the road to Husab necessi-

tated the removal of some trees along the route, but not before a complete census of all the trees on the route had been done.

In some cases, Swakop Uranium instructed the contractors to change the angle of the road to bypass a tree of significant stature.

Trees were furthermore removed only after obtaining a permit from the Walvis Bay Department of Forestry.

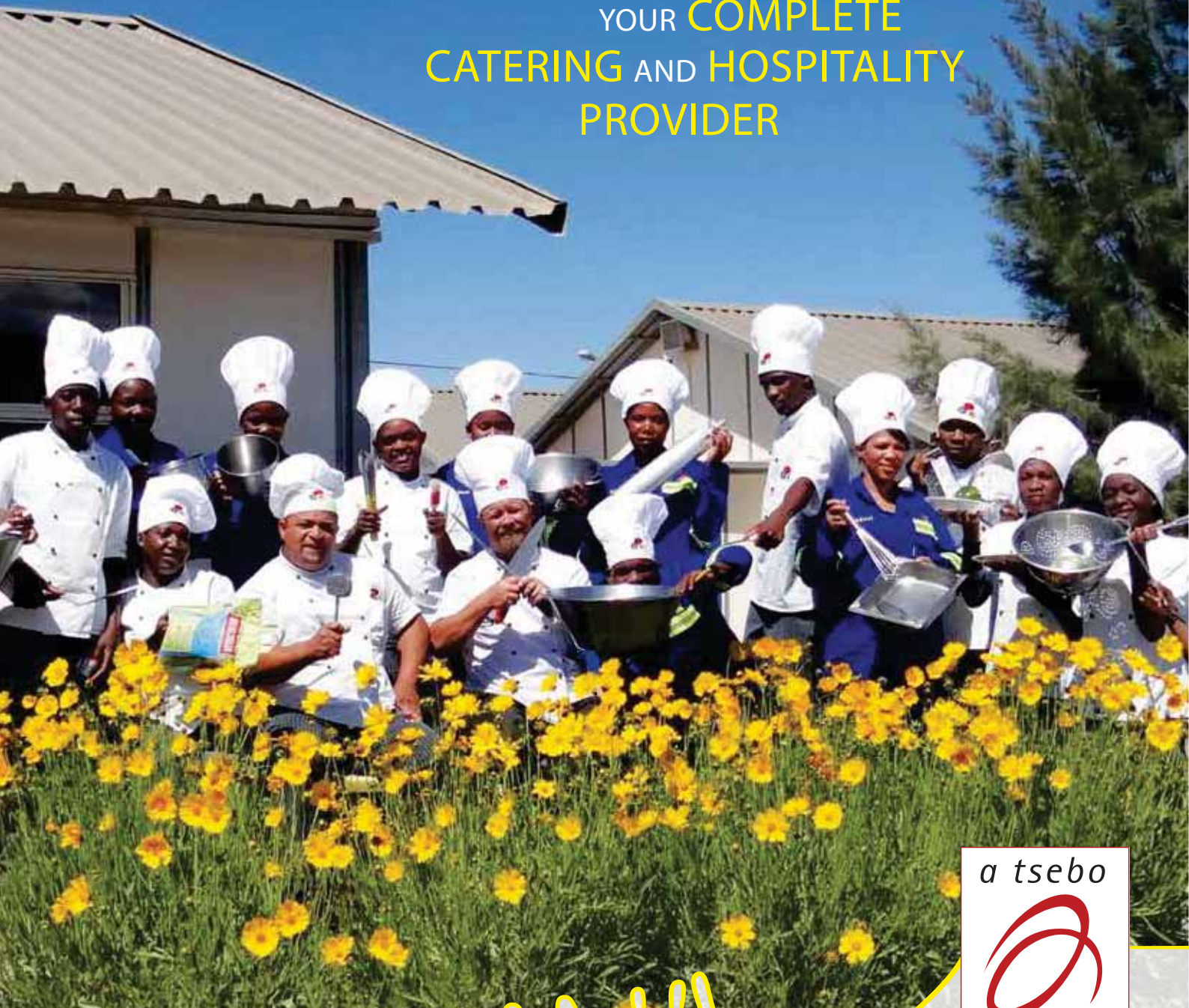
In the end, only 12 *Vachellia erioloba* (camel thorn trees), four *Faidherbia albida* (Ana trees) and 35 tamarisk bushes had to be removed.



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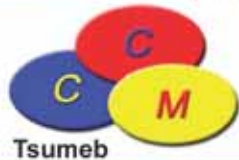
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CCM's headquarters is situated in Rosh



CCM Vehicle

Pinah and the company is currently providing hospitality and related services to Skorpion Zinc Mine and Refinery, Rosh Pinah Zinc Corporation as well as Roshkor Township (Pty) Ltd.



Laundry Services

The company has recently spread its wings to the North of Namibia, offering camp management services to Dundee Precious Metals Tsumeb and LogiMan Consulting Engineers for the Tschudi project.

Llewellyn de Koe is the Operations Manager for CCM in Tsumeb. CCM provides camp

management services that include catering, serviced accommodation, laundry, minor maintenance and refuse removal.

The focus of Catering and Contracts Management (Pty) Ltd is to offer a complete management package in the catering and



Dining Hall

hospitality industry, incorporating the peripheral services that our clients wish to outsource allowing our clients to focus on their core business.

CCM started its operations in Tsumeb in December 2012 to cater for the contractors working at the Tsumeb smelter and has recently expanded its services to the Tschudi project.

The camp at DPMT was originally designed



Kitchen Staff

to cater for a maximum of 250 residents but has recently undergone a construction phase to accommodate up to 550 residents at any given time.

CCM manages a fully equipped kitchen onsite providing 3 meals per day to contractors. CCM also provides first aid medical assistance to the residents through training our first aid representatives in the case of an emergency response.

CCM currently employs 107 employees in Tsumeb, ranging from managers to cleaners. Some of these employees were trained at the



DPMT complex



Materials used for expansion



New units set-up at Tsumeb

Komesho Culinary Academy in Rosh Pinah. Health and safety is of utmost importance and stringent operating procedures are followed daily to ensure CCM meets its clients safety standards.

Training of our staff is a priority. It is CCM's intentions to establish a training facility at the DPMT site similar to the Komesho Culinary Academy in Rosh Pinah. Most of our employees have been recruited locally and by providing them with skills and training this will in turn lead to sustainability of our fellow Namibians once the upgrade project at DPMT has come to an end. CCM believes it would have made a meaningful contribution to the community of Tsumeb and Namibia as a whole, leading to socio-economic development through training.



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Namdeb Mine Managers, Tony Bessinger, Douglas Davidson and Kakia Kakia pictured with Safety Lead, Oubaas Louw after having received OSHAS's certification at the Night of the STARs event in Oranjemund

Namdeb puts safety first

Safety is the number one priority at Namdeb. A zero harm approach forms the foundation of all aspects and this care is extended to all stakeholders and the environment in which Namdeb operates.

Namdeb is proud to have consistently retained OSHAS 18001:2007 for all its three mining operations namely, South-

ern Coastal, Orange River and Northern Coastal Mines. Further to this, Namdeb also attained excellent achievements in the Chamber of Mines Inter Mines safety competition. Orange River Mines took first place in the B division and Northern Coastal Mines came second in the same category. Southern Coastal Mines came third in the

A division category.

In November 2014, the partnership between Government and De Beers will commemorate twenty years of existence. As such these safety achievements are important milestones worth noting as they reflect the success of this joint partnership.

Rössing launches stakeholder report

Rössing Uranium recently launched its 2013 Report to Stakeholders.

Rössing, part of the Rio Tinto group, has been working on the African continent for more than 50 years and has operations in seven African countries, namely: Cameroon, Guinea, Madagascar, Mozambique, Namibia, South Africa and Zimbabwe.

Rio Tinto's operations in Africa generate over US\$280 million in direct taxes and royalty payments to the continent's governments. But the benefits flow more deeply than this: the company employs more than 6,500 people in Africa.

Rössing has been a major player in the Namibian economy for close to 40 years, with significant contributions in sourcing of goods and services, taxes, training, development as well as community investment. The turnover in 2013 was N\$2.96 billion, up from N\$2.88 billion in 2012. Our spending in Namibia is significant, which leads to a long chain of value addition throughout the economy. In 2013 the company:

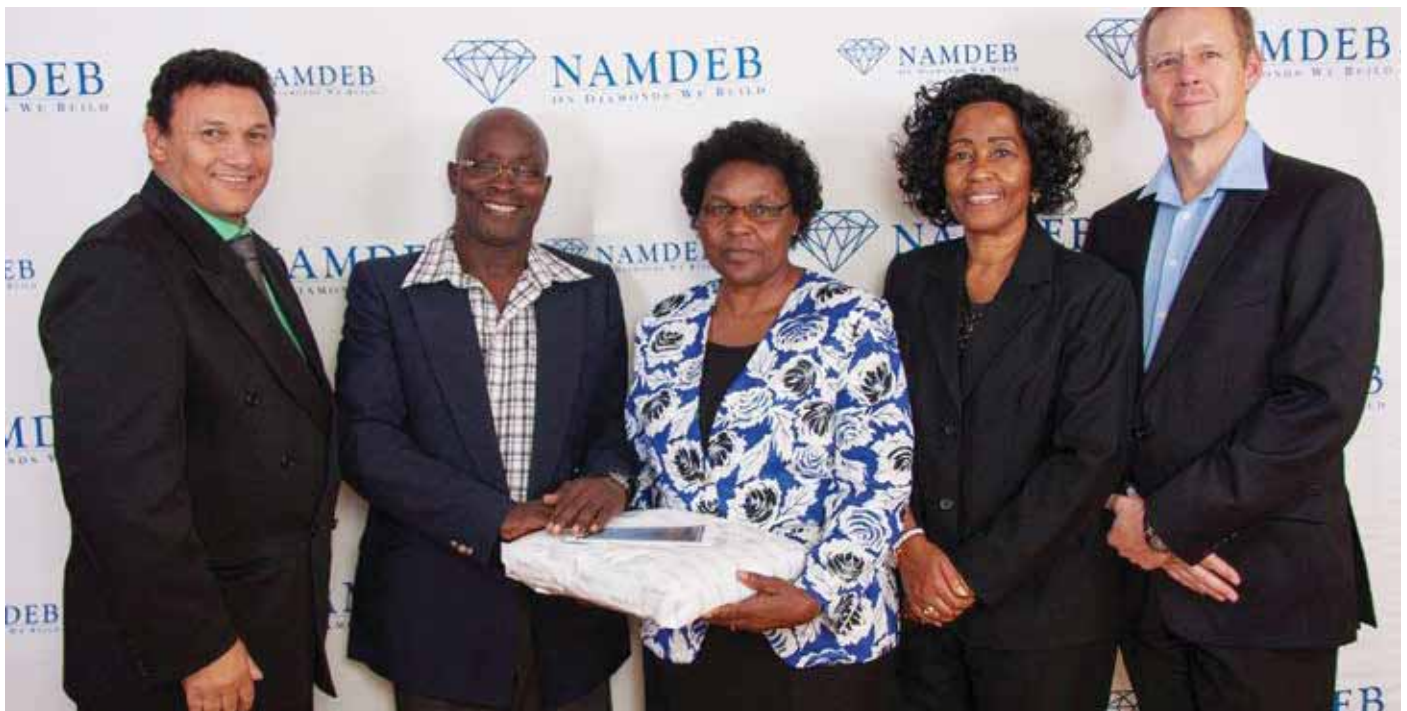
- Spent N\$1.9 billion on goods and services
- Generated N\$83 million in royalty payments
- Generated N\$143 million in PAYE payments
- Made N\$289 million of payments to state owned enterprises, and
- Paid N\$783 million in employment costs

Rössing remains a responsible corporate citizen in Namibia with corporate social responsibility programmes extending into the work of the Rössing Foundation, providing support in the fields of the environment, education, health and recreation for more than 30 years. Over the past five years, more than N\$131 million has been invested in social investment programmes.

The full report as well as a summary report can be downloaded from the Rössing website www.rossing.com or send an email to yourcontact@rossing.com.na



Rössing's Managing Director, Werner Duvenhage, with the company's latest Stakeholder report



Fiona Kapolo who achieved 25 years of service with Namdeb was recognised at the Night of the STARS. She's pictured with from left Mr Karl Fisch, Mr Lazarus Kapolo, Namdeb CEO Ms Inge Zaamwani-Kamwi and Namdeb GM Mr Riaan Burger.



Mayor of Oranjemund, Hon Henry Coetzee, pictured with 2014 Namibian Female Artist of the Year, Ms Erna Chimu and Namdeb CEO, Ms Inge Zaamwani-Kamwi at Namdeb's recently held Night of the STARS. The Mayor was the guest of honour at the event.

Namdeb STARS

Namdeb hosted its bi-annual recognition function titled Night of the STARS/Blue Carpet event on 25 June 2014.

The function is named as such as it is an opportunity to recognise and celebrate exemplary behaviour in relation to our values (safety, teamwork, accountability and respect) ultimately linked to business

achievements.

The event is referred to as a blue carpet event because Namdeb's corporate colour is blue and it adds to the prestige factor as opposed to the traditional red carpet.

At this function, the company formally recognises employees who have

achieved 25, 30 or 35 years of service, and celebrates extraordinary performance as well as safety achievements. The platform serves to provide, amongst other benefits, improved morale, an opportunity to reiterate key business messages and contributes towards entrenching the STAR values.



Husband and wife, Neville (third from left) and Anita Smith (fourth from left) were recognised for 30 and 25 years of service at Namdeb respectively equating to a combined total of 55 service years. From left they are pictured with Gert Muller, Richard Gevers, Louise Profijt, Namdeb CEO Inge Zaamwani-Kamwi and Namdeb GM Riaan Burger



Mr Abel Nekwaya (3rd from left) received his 25 years recognition at Namdeb's Night of the STARS event. From Left Mr Jurgan Jacob, Ms Elizabeth Nakathingo, Namdeb CEO Ms Inge Zaamwani-Kamwi and Namdeb GM Mr Riaan Burger



Mr Asser Moses pictured third from left receives his 30 years' service recognition at Namdeb's Night of the STARS event. He is pictured with from left, Mr Tony Bessinger, Mrs Moses, and Namdeb's CEO Ms Inge Zaamwani-Kamwi as well as GM, Mr Riaan Burger



Rössing Metallurgical team members marking and celebrating the 500 All Injury free days milestone.

Rössing celebrates 500 All Injury Free days

Rössing Uranium's metallurgy section within the processing department celebrated a significant safety milestone when the section achieved 500 All Injury Free days in June 2014.

The last injury/incident recorded for the section was on 4 January 2013. Since then, much effort has been put into ensuring that all team members are refreshed and reminded not only about correct manual handling techniques for equipment, but also about general aspects concerning safety.

"It has been all about teamwork, ensuring that we all share the same values in terms of safety and the importance of coming to

work and going home safe. This focus is part of our morning safety meetings (Safe Shift Start), to engage all team members and share safety as the common goal. We also adopted the Meerkat way, which means to look out for each other, in adhering to Rössing's eight Life Saving Rules," said metallurgy superintendent Robby Nyambe.

In congratulating the team, Nyambe motivated the team by reminding them what led to this great achievement.

"Keep up the good work in managing our safety. Please maintain the splendid safety awareness and always do appropriate and continuous risk assessments," he said.

"Live and work the Meerkat way by looking out for yourself and your colleagues. It remains our focus to continue to work together in creating an injury-free operation."

At Rössing our view is that being in a safe workplace is a fundamental right of employment. It is the foundation on which we build our business and our neighbouring community. We believe that incidents, injuries and occupational illnesses are preventable and, thus, our goal is zero harm.

Our safety aims and objectives intend to encourage our employees to behave in ways which project a positive and proactive attitude towards safety.

The National Mathematics Congress

In addition to its other social development programmes Langer Heinrich Uranium (LHU) supports the Annual National Mathematics Congress for teachers.

This is in recognition of the need for learners across all fields of study to be competent in mathematics.

The objective of this initiative is to improve the standard of mathematics education at primary and secondary school levels across Namibia.

This is done by upgrading skills and knowledge levels of mathematics teachers and motivating them to acquire and instill a love for mathematics in the schools where they teach.

To reaffirm its commitment to this annual highlight on the education ministry's academic calendar, LHU has for the sixth consecutive time been the main sponsor of this event.

LHU donated N\$190,000 towards the hosting of the 9th Congress, which was held under the theme 'Assessment for Learning' in Swakopmund, held over three days in April 2014. The event attracted over 300 teachers.

During the congress, participants critically looked at factors contributing to poor learner performance in mathematics, whilst also providing a platform to inform teachers of new developments and obtain their feedback on the curriculum as well as new ministerial policies.

One of the teachers' main concerns was the general lack of good professional development at all levels, which is why most of them value the contribution that this Congress makes in filling this important developmental gap.

The following are some comments made



Director of research, science and technology in the Ministry of Education, Alfred van Kent receiving the cheque from Simon Solomons, MD of Langer Heinrich

by teachers who attended the congress: "The congress enhanced my attitude towards teaching and learning mathematics positively."

"The experience opens up avenues for exploring and incorporating new teaching approaches."

"Every time I attend, I pick up new ways of doing things the right way. I was inspired."

"It made a significant big change in the

classroom, increases performance, pass rate with flying colours."

LHU is proud to be able to partner with the Ministry of Education and Orison Educational Services cc and to be associated with this worthy cause.

The Board of Directors of LHU reaffirmed its commitment to support education, especially mathematics education in Namibia.

Rosh Pinah community honours people living with HIV

The Skorpion Zinc Wellness Educators hosted a Candlelight Memorial Service on 22 June 2014, which was well attended by the community of Rosh Pinah, various churches, choirs and community leaders.

This annual service commemorates the 31st International AIDS Candlelight Memorial Day. The International theme is "Let us keep the light on HIV", emphasising the need of people living with and affected by HIV to join hands and work together in response to HIV.

The candles were lit in honour of people living with HIV, while remembering those who lost their lives as a result of HIV/AIDS. The event was organised by Skorpion Zinc employees.

The candlelight memorial ceremony was held at the Rosh Pinah Community Hall where members of the community turned up in their masses to show their support. The Candlelight Memorial service commemorates the more than 30 million people globally lost to AIDS and supports the 34 million people living with HIV/AIDS in the world. The event was attended by Monica Namwandi, who has been living with HIV for more than 18 years and is a well-known HIV activist in Oranjemund.

In her speech, Namwandi encouraged the Namibian public, particularly the communities of Rosh Pinah and Oranjemund, to engage themselves in regular check-ups and also specifically encouraged the Namibian Youth to look after themselves.

Skorpion Zinc recognises the significant and growing impact that HIV/AIDS has on communities and families in Namibia, as most Namibians are affected in one way or another by HIV/AIDS. It has profound impact on human, social, economic and developmental costs.



Nadula Kapiye, the Occupational Health & Wellness Coordinator at Skorpion Zinc, lights the candles

Thus, Skorpion Zinc Mine and Refinery, commits to promoting non-discrimination and improving the quality of lives for affected employees and their families.

This event shed more light on HIV/AIDS and also encourages the Rosh Pinah community to engage themselves in activities that would discourage disparity towards those living with HIV/AIDS while promoting the spirit of ubuntu within the community. Skorpion Zinc, also runs HIV/AIDS campaigns, which offer education, prevention, treatment and awareness of HIV/AIDS to assist employees and families affected by

the disease.

The Sidadi Clinic, the private clinic in Rosh Pinah, offers a voluntary testing and counselling service to employees of Skorpion Zinc and community members.

However, the State Clinic equally offers the same services to the community members. Other activities covered by the Skorpion Zinc Wellness department include condom distribution on site, health information sharing, drug and alcohol testing, to name but a few.

Environmental issues

Some of potential environmental aspects and issues associated with the proposed project that require investigation and assessment include:

Shoreline environment: Construction of water intake structures and pipelines to carry feed water as concentrated discharge may cause disturbances to environmentally sensitive beach areas.

Marine environment (Intake): Although they will design the intake structures to maintain a flow of less than the minimum escape velocity for aquatic species, there is a risk of mortality of plankton, fish eggs and fish larvae when they suck water in at the inlet areas. Marine ecologist will also study this potential impact as part of the SEIA process.

Marine environment (Discharge of brine): Aquatic species have a tolerance for natural salinity levels, however if these levels undergo significant change, this can be detrimental to these creatures. In some instances desalination plants use chemicals to treat the intake water, which if released with the brine can be harmful to marine habitats and receiving water environments, unless effectively mixed into the sea. Scientists will undertake various specialist studies of the potential impacts associated with the discharge of effluent from the plant as part of the SEIA process.

Social and economic impacts: The development of an additional source of water may have economic implications for other water users in the region. Both economic and social specialists will investigate these potential impacts.

Rössing to build desalination plant

RÖSSING Uranium plans to build a new desalination plant six km north of Swakopmund to provide for its water supply needs.

The mine aims at finding an alternative source for its desalinated seawater in an effort to reduce the cost of its mining operations and enhance its commercial sustainability.

According to a document on the social and environmental impact assessment process for the desalination plant, Rössing currently purchases desalinated water for its mining operations at a significant cost.

"The Erongo Region is a water scarce environment, relying predominantly on the Omdel aquifer for its supply. The Erongo Region is also a centre for growth in Namibia and central to the country's economic vitality.

"As an interim measure, Rössing Uranium, along with other mines in the region, have been supplied with desalinated water from

the Areva desalination plant near Wlotz-kasbaken, since November 2013," the document stated.

NamWater has pursued the development of a new desalination plant at Mile 6 (roughly 10km North of Swakopmund), but the outcome, timelines and commercial aspects to this project remains uncertain.

Rössing said that it could also not reach an agreement to secure water on a long-term basis from Areva's desalination plant at economically feasible terms.

The low uranium market prices have prompted the mine to look at ways of improving its economic viability.

Prior to the commencement of the proposed activities, the company would submit an application to the Ministry of Environmental and Tourism (MET) and conduct a social and environmental impact assessment (SEIA) study in terms of the

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Rössing to build desalination plant

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Environmental Management Act, 7 of 2007. The components that the experts would assess as part of the SEIA process include the seawater intake system and associated infrastructure.

The initial plan proposes to locate the water intake near the existing Swakopmund Salt Works intake.

Other components include infrastructure to transport water to the plant (two alternatives are being investigated, i.e. a channel or a pipeline and a seawater receiving tank (or existing salt works pond).

The plan also envisages the need to construct a new 11kV power line of approximately six km together with a new substation at the plant.

The process

Desalination is a process that purifies water by removing dissolved mineral salts and other solids from brackish or seawater, making it suitable for human consumption. It involves abstracting saline water from the sea and pumping it to the plant. Reverse osmosis (RO) uses semi-permeable membranes and pressure to separate dissolved matter and salts from saline water. They will then pump the desalinated or fresh water to a storage facility for use. Brine, the process waste, is about twice the concentration of seawater consisting of everything that is left behind during the process, and has a higher salt concentration than the input water.

Desalination takes a volume of seawater and returns a little more than half at an almost double salinity concentration.

If approved, the construction phase will take approximately twelve to eighteen months to complete.

However, the construction of the proposed desalination plant will only start once the company receives an Environmental Clearance Certificate.

Rössing has jointly appointed SLR Environmental Consulting (Namibia) (Pty) Limited (SLR) and Aurecon Namibia (Pty) Ltd (Aurecon), both independent environmental consulting firms, to manage the SEIA process for the proposed desalination plant.



African Wire Ropes

SCAW METALS GROUP



Oblongs sub-assembly
From 7mm to 32mm



Safety sling hooks from 7mm to 32mm



Polyester slings From 1 tonne to 6 tonne



Chain Blocks
& Lever Hoists (Yale Brand)
from 0,5 tonne to 6 tonne



Crosby clamps from
3mm to 90mm



Grab hooks from 7mm to 32 mm



Crosby bow shackle From 0.75 tonne to 120 tonne



Steel wire ropes from
1mm to 113mm



Chain slings, adjustables
from 1 - 4 legs, Tonnage up to 85 tonnes



One Legged Steel Wire Rope Sling 6-32mm
Two Legged Steel Wire Rope Sling 6-32mm
Three Legged Steel Wire Rope Sling 6 - 32mm
Four Legged Steel Wire Rope Sling 6 - 32mm



Hammer-locks from
7mm to 32mm



Fibre Ropes, Manila Ropes,
Cotton Ropes, Nylon Ropes,
Tow Ropes (with spliced eyes
according to specifications)
from 4mm to 96mm

OUR VALUES

Dignity and Respect

We care about people – their well-being, their careers and development, and their day-to-day work experience. We treat all colleagues fairly, listen to their input and work with them to create solutions that respect both individual needs and corporate interests.

Continuous Improvement

We are passionate about continuous improvement. We seek out and execute operational practices that drive innovation, speed to market, cost efficiency, technical and professional excellence.

Transparency

We set and uphold the highest ethical standards and business practices. Our dealings with employees, governments, stakeholders and communities are open, honest and transparent. We do what we say we will do and fulfill our commitments. We hold each other accountable for delivering results.

Environmental Responsibility

We are leaders in promoting sustainable growth and environmental responsibility. We go beyond legislative compliance to promote pragmatic environmental solutions and practices in all of our operations.

Safety

The health and safety of our employees and local communities are paramount and enable us to be in business. Safety can never be compromised.

Community Investment

We care about the quality of the communities in which we operate. Our legacy will be to ensure we have helped residents make the community a better place than before we arrived on the scene. We have a strong corporate and social responsibility to the communities in which we invest.

ABOUT US

Namibia's premier copper manufacturer

Dundee Precious Metals Tsumeb owns and operates the Tsumeb Smelter, the only facility of its kind in Namibia and one of only a handful of copper-processing companies in the world that can smelt complex metal concentrates, especially those bearing high volumes of arsenic. The Tsumeb Smelter is unique in this respect, and therefore a value-added asset for Namibia's mining and manufacturing sectors.

Both blister copper (98.5% Cu) and arsenic trioxide (As_2O_3) are produced at the smelter. The blister copper is delivered to refineries in Europe for final processing, and the As_2O_3 is sold to third parties. The smelter is capable of processing 270,000-340,000 tons of metal concentrate per annum.

The smelter features a primary smelting furnace (Ausmelt), three Peirce-Smith converters and two oxygen plants, as well as dust-capturing baghouses, high-tech gas-cleaning and fume-extraction systems, state-of-the-art environmental monitoring equipment, a pneumatically operated arsenic plant, a slag-treatment mill and an international-standard hazardous waste storage site. At present, a N\$2.3 billion plant designed to convert sulphur dioxide into commercial sulphuric acid for sale to Namibia's uranium industry is in the early stages of construction. On the horizon is the installation of a modern, multimillion-dollar electric holding furnace that will enhance production output and place the Tsumeb Smelter square on the threshold of becoming a global competitor.

Dundee Precious Metals Tsumeb is a subsidiary of Dundee Precious Metals Inc. of Toronto, Canada. It employs more than 800 people, including contractors.

A forward-thinking company

Dundee Precious Metals Tsumeb has taken a

significant step forward for environmental responsibility that has no precedent in Namibia. Five state-of-the-art monitoring stations have been installed by the company to measure emissions not only at the Tsumeb Smelter, but also "beyond the fence line" in the greater Tsumeb community.

The cost of the stations alone – N\$5 million – demonstrates the company's commitment to find pragmatic solutions and practices to environmental problems. The strategically placed monitoring stations are the first of their kind in Africa to measure arsenic trioxide levels. Plus they meet, and in some cases exceed, U.S. Environmental Protection Agency recommendations.

The units provide real-time, publicly accessible data about arsenic dust and other airborne particulates, as well as sulphur dioxide emissions, and give important information to company management to ensure the smelter continues daily to operate in a responsible manner.

Looking to the future, Dundee Precious Metals Tsumeb is also researching new and innovative ways to manage its arsenic waste products to minimize potential impacts on the environment and the human population. Currently, hazardous dust from smelting is stored in a licensed, appropriately engineered repository within the smelter complex.

Dundee management wants to go beyond legislative compliance by investigating ways to convert the waste dust into more benign forms and possibly even extract residual metal value from it in the process. For this exciting work, Dundee Tsumeb is partnering with scientists and metallurgists both locally and in Canada.

Reaching out

In a recent NaMedia report, Dundee Precious Metals Tsumeb was listed eighth among Namibia's Best Communicating CEO Brands of 2013.

Namdeb, the PRIDE of Namibia's Mining - to 2050 and beyond



Throughout our rich diamond history, Namdeb has played a significant role in contributing to the socio economic development of Namibia. Every facet of our diamond mining process is aimed at creating value for employees, stakeholders and shareholders, beyond that which can be perceived from the ground.

As Namdeb continues to unlock more sustainable value, we endeavour to make lasting contributions profitably, sustainably and responsibly – to 2050 and beyond.

