Southern Coastal expands horizons

Safety a top priority

Namib Diesel at the Mining Expo

Insight into Mining & Energy
Foreword

Dear reader

W hat an honour it is for me to write the foreword for the Mining and Energy Publication. An exciting time for my team and I; it feels like only yesterday that we were working tirelessly on our very first issue of the Mining publication and here we are once again.

Whilst last year the Publication was dedicated to the mining sector, this year we are bringing you a special publication focusing on the mining and energy sector. The Publication is aimed at educating and giving insight into the mining and energy sector to our readers.

A thrilling time indeed, while commodity prices remain steady, the industry is quite optimistic about the future.

Market conditions have led to a considerable number of job losses across various operations such as Rosi Pinah Zinc Corporation and Rössing Uranium with Okorusu Fluorspar Mine having closed its doors last year.

Whilst there have been downs, it is evident that the mining and energy industry is undergoing major change.

Establishments including the B2Gold’s Oryxikon Gold mine and Weatherly’s Tscadi mine are now in full swing. Swakop Uranium’s Hasab mine, expects uranium production to begin operations in 2016.

These new establishments will certainly contribute to employment creation and poverty alleviation.

Although oil prices have seen the most dramatic decline, the third largest since World War II, the Energy Watch, fortunately, Namibia had no plans to drill says petroleum commissioner Immanuel Mulunga.

Despite employment in the mining sector having dropped to nearly half, industry remains optimistic especially in the uranium sector. While the full extent of the industry is still in its infancy, players are conducting tests on a small scale to assess the environmental impact of the different phases of the project.

Wotan Swiegers

W e cannot predict the future nor can we control it. The best we can do is to recognize that the future of uranium mining in Namibia is inextricably linked to the nuclear industry. Uranium is far more strategically important than coal, natural gas or wind and therefore faces unique global challenges.

Where does the future for nuclear energy lie? Nuclear power emits less CO2 than both natural gas and coal power plants even when including the total lifecycle of the different plants. It remains one of the low polluting, low carbon emission base load options available to many nations, but its association with atomic weapons and high profile accidents remains a concern. Some environmentalists argue that given the risks and financial costs involved, investing in renewables is the more sensible option.

The impact of Fukushima was huge. Prior to this disaster, the world maintained 442 nuclear reactors and it is estimated that 14% of the world’s power came from nuclear. In 2012, after the Fukushima disaster, the World Nuclear Institute reported that these statistics had fallen and estimated that 12% of the world was powered by nuclear. Today, a total of 435 reactors are however still in operation worldwide.

Post Fukushima the spot price of uranium halved, rendering many uranium mines uneconomic. Many mines would have been abandoned, however, a large number of uranium mines still have nuclear power utilities to secure their supply base by setting contract prices at a level which will guarantee future supplies. In terms of new projects, grade is going to be key.

The Future of Uranium Mining in Namibia

Wotan Swiegers

Fossil fuels:
• China is set to play an important role in boosting uranium demand. As of September 2016, the People’s Republic of China has 21 nuclear power reactors operating on 8 separate sites, 28 reactors are under construction and more planned.² In mid-March, Chinese authorities approved the construction of two reactors, the first approvals in China since 2010. In 2015, Namibia and China have an excellent international trade agreement in place and China’s two major nuclear power companies are already involved in uranium mining in Namibia. China National Nuclear Corporation has 25% shareholding in Langer Heinrich Mine and the China Guangdong Nuclear Power Group, 90% shareholding in the Swakop Uranium (Hasab) Mine in Namibia.

• In Japan, the ruling Liberal Democratic Party has proposed a long-term energy plan for Japan which envisages nuclear providing at least 20% of electricity. Two reactors at Fukushima could restart by June.

• The Russian Megatons to Megawatts programme, whereby uranium had been supplied to western markets via the decommissioning of much of Russia’s nuclear arsenal, came to an end; some countries are now realizing that the phasing out of nuclear could be very expensive and could prove to be too costly. It should be noted that Germany is not nuclear free as often assumed. Over 16% of the country’s nuclear arsenal, came to an end; some countries are now realizing that the phasing out of nuclear could be very expensive and could prove to be too costly. It should be noted that Germany is not nuclear free as often assumed. Over 16% of the country’s nuclear arsenal, came to an end;

• Namibia, with Rössing, Langer Heinrich and Swakop Uranium (Hasab) mines in full operation, is set to be the world’s second largest uranium producer by 2016. Although Namibia’s low uranium grade is weighed heavily against it, its nuclear potential and responsible operating environment will carry it through challenging times.

Communicating for Development

Staff Reporter

T here is a saying that there is no such thing as bad publicity. To find out if there is any truth in this folk wisdom we spoke to the team at Emergo Communications, a local public relations and publishing company that focuses on emerging markets.

“Those who only hear the worst advice you could ever give a company,” says Emergo Communications founder and chief executive officer Servaas van den Bosch. “Imagine if that was true, because Lommin had taken after the Marikana massacre. It would have been corporate suicide.”

Still, public relations are too often an afterthought of corporate decision-making or viewed as a necessary evil.

“In today’s environment, communicating with your stakeholders in good and in bad times is an integral part of managing your business and is important to involve communication specialists early in the game,” he says.

Emergo Communications has some experience with this, having worked closely with multinational, the United Nations, Government Ministries, the Millennium Challenge Account and many other large entities, in Namibia and across the SADC region.

Part of the firm’s success is a deep grasp of the sectors they are involved in. “It helps when you understand what you are communicating, whether it is the balance sheet of a Fortune 500 company or the scientific underpinnings of a climate change report. It creates confidence with the client,” explains Van den Bosch.

According to him there is a science behind communicating with stakeholders. It is not enough to just issue press releases on corporate social investment initiatives and hope this will create enough goodwill to insulate the company against negative publicity down the road. “Journalists are very selective, memories are short and the public is quick to judge. ‘Stakeholders, whether the Government or the general public, want to know that a company takes them seriously and is there for the long run. Compare it to a marriage. A cheating spouse who thinks he can cover up his ways with buying flowers and perfume is not going to last,” explained van den Bosch.

“Companies, especially in the extractive resource sectors, are seen as pivotal partners in development because they create employment and development skills, bring in much-needed foreign revenue and investment and set the base for industrialisation and value addition,” adds Taffy Chirunda, Marketing Manager at Emergo Communications.

“At the same time they are vulnerable to accusations of environmental pollution, exploitation of natural resources and hazardous labour conditions.”

“That’s why it’s essential to communicate openly and emphasise local procurement, training and environmental responsibility.” But it is equally important to educate stakeholders and manage expectations, she says. “Often policymakers are naïve about what a company can do and cannot do and the responsibilities they have to shareholders.”

In times of crisis it’s crucial to have a plan. “Companies often use catchphrases like: ‘we tell all and we tell it now’,” says Chirunda. “Those are lofty ideals, but they are not enough. Again look at Lommin’s Marikana, or BP’s Deepwater Horizon disaster. ‘These companies were caught like a deer in the headlights and they were unavailable for comment for way too long. To avoid this kind of paralysis it’s necessary to have a minute-by-minute crisis manual and training for the executive team, because reputations painstakingly built over decades can be destroyed in a matter of days.”
Mining scars from pre-independence

YVONNE AMUKWAYA

There is a recorded amount of 160 abandoned mines in Namibia some of which have heavily polluted soils and left scars on the environment. Most of these existed prior to independence. The exploitation of mineral deposits in the country dates back to 400 years and minerals mined mainly included copper, silver, tin, pyrite, lead, zinc, thoroquoper, tungsten, lithium, gold, and semi-precious stones.

Geologist from the Geological Survey of Namibia, Isatul Hasheela, said that many of these mines were abandoned without a suitable decommissioning process and so many of these abandoned mines remain scattered across the country. “They are not rehabilitated because before independence, there were no environmental laws that compelled mines to rehabilitate their sites. They would just mine and leave,” he explained.

Whilst much has been said about the impact of mining on the environment, government has not rehabilitated any abandoned mines. According to Hasheela, “So far the approach by government has been to conduct risk assessments for these sites, and address the risk if any is found.”

The Risk Assessment process used is based on a widely used methodology of Failure Mode, Effects, and Critical Analysis (FMECA), which enables the identification of abandoned mine sites that are mining environmental liabilities. He explained that generally, for a risk (i.e. chemical contamination) to occur, there should exist a source of contamination (tailings dump), a receptor, could be people, animals, economic activities and an exposure pathway that will bring the receptor into direct contact with the source. “When any of these three components is absent, there is no risk: when all three are present however, the risk level should be assessed,” reasoned Hasheela.

Adding that unlike in other parts of the world where old mine sites could be found next to settlement areas, most of our abandoned mine sites are in remote areas; far from centres where people dwell, and therefore, in most cases the risk levels associated with these sites are lower. Asked about their challenges, he said, “Government is not able to rehabilitate all the sites, because the risks of these sites are not life threatening. Government will however rehabilitate areas that are posing threats,” added Hasheela.

Hasheela said government is currently working hand in hand with the Tsumeb Town Council regarding the legacy of contamination caused by the smelting and mining activities in Tsumeb.

When a new mine opens, it is required to submit an environmental impact assessment, which includes an environmental management plan. This is all provided for in the Environmental Act, and is ensured by the Ministry of Environment and Tourism. “Before you are given an environmental clearance, you are required to outline how you will deal with environmental issues including rehabilitation,” said Hasheela.

He concluded that mines are required to carry out rehabilitation after the life of the mine as indicated in their plan. “If not, government has the liberty to institute legal action.”

Coleman Transport: From humble beginnings

WHEN Rosh Pinah based company, Coleman Transport first opened its doors in 1992, it had one truck that transported vegetables from Cape Town to the mining town and Luderitz. Years down the line, Coleman Transport has grown into a household name for many in the South.

Giving a brief history on the company, sole owner, John Coleman said that after the company opened its doors, it started doing some business with the mines in Rosh Pinah. However it was not long before it started doing business with other mines.

Today the company has completely moved away from vegetable transporta- tion; with mining as its main business. Coleman who was born in Luderitz and grew up in Aus worked as a miner for Rosh Pinah Zinc Corporation before he started his business.

The company operates countrywide and has 120 trucks and 10 buses. The buses are used for transporting mine employees.

Earlier this year, the company broadened their wings; Now operating 24 earthmoving machines at various mines. The earthmoving machines include D90 and B40 belz and the 740 catch.

The company provides transportation solutions not only to mines in Rosh Pinah but also in the Erongo Region, Tsumeb and even South Africa. It also has a depot in Cape Town and Johannesburg.

Coleman who believes in community development built what could possibly be the countries most posh police stations two years ago. Some of the features include an air-conditioner, marble tops and a court attached to it.

The company employs 300 people and with its vision of being the biggest mining transport company; it can empower even more people through employment creation.

Besides being a businessman, Coleman is also a farmer in the South.

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www.coleman-transport.com
info@coleman-transport.com
A division within the Pupkewitz Group of Companies, Pupkewitz Trucks remains optimistic about their future in the mining sector. Pupkewitz Trucks is the franchise holders of the Hino truck (Toyota) and UD truck (Nissan).

Anton Thelen from Pupkewitz Toyota said they are confident about the products. “The UD range of Nissan and Toyota Hino are both strong brands, they sell by themselves because of the brand name, reliability and durability. Therefore we are very competitive in the market.”

Pupkewitz Trucks is the only certified UD Nissan dealer in the country. The company specializes in new vehicle sales, parts supply and services for both brands. According to Thelen, a big part of its business is the Nissan forklift for which the company provides spare parts and maintenance. He said, “The forklifts can be rented out on a daily, monthly and long-term rentals of up to two years and contracts are tailor made.”

Whilst mining companies do not regularly approach the company, Pupkewitz Trucks is looking at growing their footprint in the mining sector. “We want to penetrate the market and grow our market grip in the mining sector,” shared Thelen.

Other than their popular medium commercial trucks, Pupkewitz Trucks also cater to the mining industry. The company is able to make custom-made tipper trucks, compactor trucks, and mixer trucks amongst others. Thelen said: “On the big truck side, we have a wide variety of applications, which we can tailor make according to the clients needs.”

“We can come to your site to see what you want to do with the truck and work out the load that the truck can carry and the weight distribution. We can give you advice on what sort of gear box to use, the maintenance around the truck and which applications to use as well as what the truck will cost you when in operations,” he further explained.

While the normal trucks come with a service plan, it is not a standard item with the bigger trucks. Thelen, however said that they are currently restructuring the whole-dealership. “We are busy with a lot of changes that will improve our clients’ service. At this stage the company is busy with service and maintenance plans to sell with the trucks,” he said enthusiastically.

Pupkewitz Trucks has provided various mining companies with forklifts and Trucks. Because of the developments in the mining and construction industry, the company has been able to grow its business and is presently working on forklift tenders.

In addition, Thelen said that buying a truck is not the same as a car. “With trucks you say what you want to do with it and we tailor make one and have it built from scratch.” He said that certain trucks are made locally such as tipper trucks, water tankers and drop side applications while others such as mixers are done in South Africa. Thelen who classifies themselves as market leaders in the medium commercial trucks added that the discontinuation of the UD Nissan 35 and 40 has been problematic as they were their most popular product.
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PROUD DRIVERS CHOOSE SHELL HELIX
Southern Coastal expands horizons

The end use of Southern Coastal land, would be mining tourism so some of the equipment and structures used for mining will be left as is for tourists to have a peek into how mining was done in years gone by.

INNOVATIVE ...

Production accountant Patrick Loxton says the utilization of the Beachcomber and Gaeb dredgers as well as the accretion conveyers are progressing well.

ENVIRONMENT

In addition, Loxton said Namdeb does not engage in any operational activities before obtaining environmental clearances from the relevant stakeholders.

“Specific attention is paid to the impacts and management of endangered species in the marine environment. This is done in collaboration with the relevant key authorities such as the Ministry of Environment and Tourism and the Ministry Fisheries and Marine Resources,” Loxton added.

Namdeb mining operations are mainly carried out at three sites – the Southern Coastal Mine, Northern Coastal Mine and the Orange River Mine.

Namdeb has 1 800 employees with 700 of them at Southern Coastal Mine. Of these 100 of them are women.

Namdeb is a 100% subsidiary of Namdeb Holdings, which contribute over N$3 billion to Treasury annually.

EXPANDING LIFESPAN

As Namdeb continues to extend the life of its mine to 2050 and beyond, it has come up with innovative ways to mine. Accretion has become the main focus at its Southern Coastal Mine (SCM). In the picture, the Beachcomber dredger dewaters the area in preparation for future mining.
NAMDEB, EMPOWERING WOMEN TO 2050 AND BEYOND

"Namdeb produces diamonds, profitably, sustainably and responsibly, for the benefit of the company’s shareholders and other stakeholders whilst making a lasting contribution to Namibia".
Recently got my EPL. What next?

BY YVONNE AMUKWAYA

Julius studied Geology and Geochemistry at the University of Stellenbosch. He has been involved in the exploration of ground water and minerals for more than 20 years now.

He added that whilst mining is a risky business, it could be equally lucrative, if one is willing to take that risk.

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Test Pumping
Groundwater Resource Management
Drilling and Well design

Analysis of results whether geophysical, geological or geochemical will enable the geologist to develop a, geological and mineralisation model for the study area, which aids in the estimation of resources.

Exploration is done at a rapid pace and is results driven as the outcome may determine whether exploration should continue or abandoned. This makes mineral exploration a highly risky endeavour.

JUST FINISHED DRILLING?

After drilling your resource needs quantification. This normally involves specialised computer systems to do resource estimations. This would inter alia require a concept model of your ore. This particular area forms part of the mineralization model. This will allow a block model to be created for the resource, which will determine how much of the commodity is available for extraction at specific cut off levels.

However it does not stop here. This only gives you an idea of the available ore reserves available for extraction. In order to develop your project into a fully-fledged mine, you need to determine whether it is feasible or not. This requires you to do a cost analysis of mine construction and operation, beneficiation of the ore, water supply, power supply and logistics.

Based on your feasibility study you are in a position to forecast expenditure and returns expected over the life of the mine.

EPL holders are expected to report on exploration activities to the Ministry of Mines and Energy. It is required that reports on exploration activities are submitted quarterly inclusive. It expenditure incurred for that period. EPL’s are granted for a three year period and can be renewed for a further two years if need be.

Julius also advised EPL holders to follow a systematic approach to exploration, and to ensure that they have access to the necessary funds to conduct proper exploration over their licensed areas.

He further explained, “Exploration equals expenditure. Exploration can cost up to millions of dollars and includes expenditure for office space, personnel costs, geologist and geophysicists vehicles, equipment, contractors and laboratory services; An endeavour that is highly risky and expensive. It is all expenditure; until you make a discovery.”

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The De Beers Group of Companies works with the Government of the Republic of Namibia to produce some of the world’s finest gem diamonds. Expert pricing and marketing by De Beers maximises the value of every carat sold: leading the way in Namibia’s development.
Mineworkers union express dissatisfaction

The Mine Workers Union of Namibia (MUN) president, Israel Kasuto has expressed concern over the Ministry of Labour and Social Welfare’s statement earlier this year that the media and mining industries could be classified as essential services.

“...we are quite concerned about the rationale behind the idea and how far it will go. It could lead the whole country to anarchy once the workers’ rights are diluted to enable them to be exploited to the core without any right to collectively act as far as undermining their constitutional right to strike,” he said in an interview with The Namibian.

Kasuto further said that because mining is broad and complex, it cannot be declared as an essential service.

The whole process undertaken from the outset in an attempt to declare mining as an essential was ridiculous as such that there was not an applicant or a dispute concerning that. The MUN recognition agreements with the respective Companies has clauses that contain what is deemed to be essential services by the parties and the parties never compromised on the workers’ safety as we deem safety initiatives as shared objectives,” he said.

Officially recognized in 1986, MUN has grown in leaps and bounds and has a long history within the mining sector. The Union organizes workers not only in the mining and energy sector but any other sector that is not recognized.

Historically, workers in the mining sector were exploited and underpaid to benefit the minority. Things have however have changed.

Challenges faced by MUN include the small-scale industries such as the deplorable conditions of mine workers within the marble-cutting industry. While workers were reportedly staying in containers previously in the Marble Cutting companies, Kasuto said that things have improved drastically specifically on the accommodation and safety aspect.

For the past ten years, the Union has also provided support to Purity Manganese employees that are members yet do not contribute to their coffers due to the employment relations. “We have spent nearly N$3 million on direct legal assistance to the workers over the past ten years. In comparison to this, contributions are quite minimal. But we do not chase people away; we assist them irrespective. We want justice for workers,” Kasuto said.

He said that the more isolated the company is from urban areas, the more the chances are for the workers to be exploited.

In the same vein, Kasuto also called for the review of the contract labour system that binds the contracting workers to a renewable one-month, three-month or twelve month or three year contract for a period of up to 10 years.

“No employment security means you cannot buy a house or car because the bank won’t give you a loan. Contract employees cannot organize themselves either. And once they do, when their contract expires, it does not get renewed. So companies get rid of those that want to advocate the establishment of trade unions,” he explained.

Kasuto further added that industry captains such as Namdeb, Rössing Uranium Limited, Langer Heinrich Uranium Mine and Dundee are also at fault as they benefit through the exploitation conducted by their respective contractors. "They should lead by example through condemning such action, he emphasized.

In addition, Kasuto said that the backbone of any country’s economy is its workers. “Once they are happy, they produce more and the employer makes more money. We need to share the cake – perhaps not equally but fairly and equitably.”
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Application for Petroleum Exploration licence shall contain the following information

(1) Name, address and country of registration of the applicant;

(2) Nature of business of the applicant, the company’s financial strength and technical competence. The applicant is required to submit audited accounts and annual reports for the last 3 years;

(3) Documentation regarding relevant operative, research and development expertise and experience, particularly related to technical and geological matters for cost effective operations in Namibia;

(4) Name of person who will be appointed as the Company’s representative, resident in Namibia, if a license is granted;

(5) Licence area number applied for as per the attached map;

(6) A full work programme, considered necessary by the applicant to evaluate completely the petroleum potential of the acreage applied for.

(7) Definite proposals with respect to the following biddable terms:
   (i) minimum exploration work programmes for each of the exploration periods;
   (ii) minimum exploration expenditure for each of the exploration periods;
   (iii) the second and third tier incremental ATP rates; and
   (iv) minimum annual training sum.

The Government will generally waive the requirement to provide a Bank Guarantee except in specific cases such Guarantee is necessary.

(8) A geological and geophysical evaluation of the licence area applied for documentation of the evaluation interpretation should be attached to the application as separate enclosures according to the following guidelines:
   (i) a complete reference to the database used (e.g. shot point maps, well locations etc.) for the evaluation and as the basis for the application. It is expected that the applicants will have purchased all relevant data available;
   (ii) regional/semi-regional studies performed as the first step in the geological/geophysical evaluation. Regional maps should be at a suitable scale (typically 1:1, 000,000 or 1:2, 000,000);
   (iii) 1:100,000 and/or 1:200,000 scale two-way-time contour maps of all prospective levels covering the blocks applied for, together with a description of the methods and data used in the depth conversion; and
   (iv) where prospects have been mapped, the applicant should give detailed evaluations of such prospects with documentation of reservoir parameters used together with an estimation of the hydrocarbon pore volume and recoverable hydrocarbons in metric units.

9. When an application is presented on behalf of more than one company the following conditions will apply:
   (a) the groups must not consist of more than five companies;
   (b) the participating interest of each company must be clearly stated;
   (c) the designated operator must be stated; and
   (d) each company in the group must submit information as specified in paragraph 9 (b) and (c) of this Announcement.

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PROUD DRIVERS CHOOSE SHELL HELIX
Developing small scale miners

YVONNE AMUKWAYA

Established only five years ago, Geo-Capricorn has managed to make a name for itself amongst small-scale miners in the Hardap Region and is slowly finding a grip in the mining sector.

Geo-Capricorn is the brainchild of Sylvanie Beukes, and Hugo de Muinda. The company has been providing small-scale miners with support for the last couple of years and plans are underway to support them even further. Traditionally, the estimated 10 000 small-scale miners around the country have struggled to make ends meet whilst working in unsafe and non-lucrative environments.

According to Beukes, Geo-Capricorn has a passion for mining and resource development. “We saw a huge gap in terms of developing small-scale miners and that is where we started. We looked at the various constraints faced by small-scale miners and the ways in which we can help them to access the market.” He said because of the lack of a support environment for marketing of their minerals small-scale miners are reduced to selling their gemstones at prices lower than the actual market value.

“Developing Small Scale miners is an important strategy towards empowering them to better understand the value of gemstones and therefore derive better prices for that value,” emphasized Beukes.

Geo-Capricorn has developed programmes through which they cofinance small-scale miners in Hardap with support from the Social Security Development Fund (SSCDF).

Currently they are also in discussion with the Environmental Investment Fund to look at creating awareness around environmentally friendly mining at small-scale level.

Together with the SSCDF, Geo-Capricorn bought safety equipment, including gloves; overalls and other small mining tools and heavier equipment included drills and breakers.

An ambitious Beukes told The Namibian that their objectives are based on improving the wellbeing of communities which in turn impacts the growth of the economy.

Other challenges faced by the small-scale miners include skill and capacity building, health and safety as well as lack of knowledge on policy and regulations.

“The impact of their activities on the environment is also a growing concern,” he said. Adding that improving and understanding conflicts between farmers and a small-scale miner is also very critical for the success of the small-scale mining industry.

The Company held several workshops with the miners last year including one on the study of geomorphology. Beukes said that finding minerals is a challenge for small-scale miners. “They do find minerals but some of them are not economically viable. They can spend up to four weeks in the field without finding anything,” he stressed.

Responding to the reality that many small-scale miners still largely use traditional methods, Beukes said, “We are looking into getting a ground-penetrating radar, which can help them understand the subsurface geology to help improve mining.”

Beukes added that these types of equipment are important because they help address the impact of the mining on the environment. “To date, the company has invested N$200 000 towards the development of small-scale miners in Hardap region.

Geo-Capricorn is in resource development working with various mines.

01 Kahan Street * Private Bag 2001
* Rosh Pinah, Namibia
* Telephone +264 63 274 281 * Fax +264 63 274 209

His Excellency

The Board, management and staff of Rosh Pinah Zinc Corporation herewith congratulates Dr. Hage Geingob as our third president of Namibia.

Your excellency, we wish you good health, strength and all the best to you and the first lady during your term in office.

There is no doubt in our mind that you will lead our country into prosperity.

Congratulations once again Mr. President.
Honourable Governor

The board, management and staff of Rosh Pinah Zinc Corporation herewith congratulates honourable Lucia Basson on her appointment as our //Karas Regional Governor.

We welcome you with open arms and are confident that you will pick up and continue building the region further through creating employment opportunities with stakeholders and thereby reducing poverty. Congratulations on your appointment, mother of the mighty //Karas.

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Safety a top priority

YVONNE AMUKWAYA

ALTHOUGH the risks of fatalities in the mining industry are high, the industry has taken great strides to establish a safe working environment and recorded zero fatal accidents in 2014. Whilst the mining industry did not achieve its target of zero accidents, it achieved the desired zero fatality target.

According to Lauren Davidson, economist at the Chamber of Mines, “There were remarkable improvements in safety statistics during 2014 as compared to the last four years.”

The past two years have seen an improvement compared to the five fatalities recorded in 2012. In 2013, the industry recorded two fatalities that both involved electricity. One fatality occurred at Weatherly Mining’s Matchless Mine while the other occurred at Paladin’s Langer Heinrich Uranium Mine. While five injuries were recorded in 2012.

In 2011, the Chamber of Mines recruited an international mining expert to review the health and safety measures of the entire mining industry and to make appropriate recommendations.

The consultant was also tasked to carry out a international benchmarking exercise, to compare safety standards in the mining industry with leading mining countries around the world.

Davidson said this exercise was successfully undertaken and the consultant together with Chamber’s own safety expert, Werner Ewald, visited most of the mines in the country.

“The experts presented the main report to the Chamber in September 2012 and mine specific reports were submitted to individual mines that were covered in the review,” she said.

In addition, Davidson said that the Chamber is working tirelessly to regain the sector’s status as a modern and safe world-class mining community.

The Chamber is implementing the following safety initiatives:

• An improved standard for injury classification and frequency measurement. Members will be required to not only report on fatalities and lost day injuries, but also restricted work day injuries, medical treatment injuries and minor injuries.

• The Chamber’s Safety Committee, represented by all mining members, will conduct quarterly peer review visits to member mines in order to share best practice principles.

• Information on all major and high potential injuries will be shared with all members in order to prevent repeats of similar incidents. No accidents were reported to the Mine Safety and Services Division of the Ministry of Mines and Energy regarding small-scale mines. “No accidents have been reported in the recent past,” confirmed Isabella Kandjii-Chirchir of the Small Scale Mining Directorate.

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YVONNE AMUKWAYA

Founded in 1984, Namib Diesel has a long and celebrated history in industrial and marine engine sales and services. The company initially began providing services to the mining and fishing industry and has over the years expanded into the oil and gas and power generation industry.

Namib Diesel has its own machine shop, engine testing facility, turbocharger shaft balancing machine and a portable load cell with a testing capacity of 300 KVA. It also has the biggest marine rebuild center and offers field service repairs. With their experienced and extensive service teams they also frequently perform service work outside the borders of Namibia in countries as Angola, Democratic Republic Congo, and Cameroon.

For more than 30 years, Namib Diesel has provided services and repair engines for Rössing Uranium and recently started servicing the Cummins fleet at Husab Mine. The company has a staff compliment of 90 employees of which 25 are qualified technicians with specialized training in Cummins, Caterpillar, Detroit Diesel, Yanmar and Deutz amongst others.

In September 2013 Namib Diesel opened their Windhoek branch. The Windhoek branch supplies services and parts to the mining, construction and power generation industry. According to operations manager of Namib Diesel Windhoek, Werner Kluge; the Windhoek Branch was commissioned to get closer to the industry and improve their service delivery to their mining and industrial customers.

A first for the company; Namib Diesel will be taking part in the Mining Expo and Conference. It will be displaying the Cummins mining engines, Cummins power generation and fleet guard filtration.

“Although Namib Diesel represents a number of engines and related products in the diesel engine industry, the Cummins engine represent the biggest fleet they support in the mining, industrial and power generation industry. The company is also a dealer for Fleetguard filtration,” said Kluge.

The Cummins Power Generation dealership is a recent addition to their Cummins portfolio. Cummins PowerGen is a leader in the design and manufacture of pre-integrated generator sets, ranging from 8 kVA to 3750 kVA.

He said: “The division is able to meet all African mining projects' energy needs, including; continuous, prime, peaking, standby, cogeneration or a complete turnkey power plant.

All major components including engine, alternator, transfer switches and control systems are designed and manufactured according to the highest standards of quality set by Cummins.”

Currently, the main branch in Walvis Bay is undergoing major renovations to increase their warehousing and workshop space and modernization of dynos and other facilities.

WALVIS BAY
064-203 971
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- Marine & industrial heat exchangers & tube coolers
- Power generators & filtrations products

With 30 of years experience we are your complete one-stop service solution.
CCM growing in leaps and bounds

YVONNE AMUKWAYA

Unfavourable commodity prices not only affect the bottom line of mines, but contractors as service providers for the mines as well. The Catering and Contracts Management (Pty) Ltd is one such service provider that has been impacted by the depressing prices of commodities however, the company continues to thrive.

Managing director, Glenn Schlüter said, “The mining industry is not in good shape. A lot of people make a living through mining activities whether direct or indirect.”

According to him, a considerable number of companies around the world have to cut down when their clients cut down on costs. “We are committed to growing Namibia’s economy and benefitting its people. Through our supply chains, we strive for 100% procurement through Namibian suppliers and so empower previously disadvantaged individuals and local businesses. We are a proud and active member of the Namibian Chamber of Commerce and Industry,” says Schlüter.

Established in 2002, CCM now employs 435 and continues to grow in leaps and bounds. “We expect to grow to 600 employees towards the end of the year due to a number of projects under our belt”, says Schlüter.

The company is the largest outsourced catering company in southern Namibia and also provides cleaning, fleet management and other soft services to the mining industry.

“We have a total of 36 clients and as a service provider, Schlüter added that they exist because of the clients, we would not be in existence. “If it weren’t for the clients, we would not be in business. We rely heavily on the mining sector.”

As a service provider, Schlüter added that they also have to cut down when their clients cut down on the number of their employees and are thus directly impacted.

He said that mining towns such as Rosh Pinah are dependent on the price of commodity, and should they close; there would be nothing.

In addition, the Services manager of CCM, Martin Mbambus said that it is very important for employers especially in the mining and construction industry to hire people from disadvantaged youth. “A healthy diet is crucial. People need to be educated on healthy eating. If you do not eat well and you gain excessive weight, you become a liability to a company and government because your chances of constantly getting ill are high,” stressed Mbambus.

He said that mining towns such as Rosh Pinah, the company does not run short of national appeal, with its former trainees are currently employed by CCM. “We are committed to growing Namibia’s economy and benefitting its people. Through our supply chains, we strive for 100% procurement through Namibian suppliers and so empower previously disadvantaged individuals and local businesses. We are a proud and active member of the Namibian Chamber of Commerce and Industry,” says Mbambus.

To demonstrate how serious they are about their training, the academy in partnership with the OBIB training centre has trained more than 80 previously disadvantaged youth, excluding an intake of 31 students that are currently undergoing training.

According to him, a considerable number of former trainees are currently employed by CCM. In the past 9 years. As a result, various companies have been forced to retrench workers in order to cut on costs.

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Petroleum Commissioner Immanuel Mulunga

**Namibia slightly affected by fall in crude oil**

Namibia is viewed in a positive light when it comes to oil exploration. Even better than South Africa.

“And that is why we still have many exploration licenses,” said Mulunga.

Currently there are over 50 exploration licenses.

In addition Mulunga said that if there were not as many exploration licenses, the effect of the crude oil prices would have been more devastating.

“Even if some might not continue with exploration, there are those that will,” he shared.

**KUDU GAS PROJECT**

Government is also looking into petroleum production with the Kudu Gas Project and has given support for the project. This thumbs up given to the project might give the country an upper hand in terms of petroleum exploration.

Mulunga said that the country would no longer just be a frontier country but at the same time also attract even more exploration companies.

“We will be in the league of petroleum producing countries of the world. We are already seeing a considerable amount of interest,” he shared.

The Kudus gas to power project with an investment in excess of US$2 billion and is envisioned to be operational in three years from now.

**EXPLORATION AND DRILLING**

Mulunga who described oil and gas exploration as a game of patience said although there is no commercial oil discovered yet, they have managed to obtain vast amounts of 2D and 3D seismic data.

“That will continue helping us moving forward. Exploration companies want to see data before deciding to start operations,” he said.

Mulunga believes the future remains bright for exploration and production going forward.

“Even in this environment without much exploration success, we have managed to empower many Namibian entrepreneurs. They have teamed up with international exploration companies with licenses in Namibia.”

In the past decade, US$1.2 billion was spent on oil exploration in the country although most of it did not remain in the country. “These wells are very costly; companies are risking their money,” Mulunga said.

Although no discoveries of oil have been made, Mulunga said Namibia has a very long coastline. “Only 21 wells have been drilled so far; we have barely scratched the surface. You cannot even suggest that we do not have oil. We are still a frontier country.”

Protea Chemicals Namibia (Pty) Ltd., as a member of the Omnia Group of Companies, was established as a Namibian registered and managed company in 2006. From 2006 to date Protea Chemicals Namibia’s focus was the offering of an extensive range of chemicals and services to mining companies in Namibia. Protea Chemicals Namibia has developed extensive warehouse facilities at the Port of Walvis Bay which enable the business to import bulk and containerised shipments directly from source into Namibia. This holds major benefits to the mining industry in Namibia from cost, logistics and supply chain efficiencies. When and where required, a full vendor management service is offered to our mining customers.

Through the services offered by Protea Chemicals Namibia to date to the mining industry, we believe that as a Namibian registered and managed company, we add significant value, and are now in the position to expand this service with value adding to other industries through the establishment of a warehousing and distribution facility in Windhoek.

Protea Chemicals (South Africa) is a longstanding and well respected distributor of specialty, functional and effect chemicals in sub-Saharan Africa. The business operates from 21 sites located in all the major centres throughout the Southern African Region and extensive coverage in Namibia, supported up to now from the Protea Cape Town branch. Going forward, this support will now be done by the Protea Chemicals Namibia facility and staff based in Windhoek.

We understand that running a business is about ensuring continuous supply, delivering on time, accuracy and providing good old fashioned service. We keep you up and running, not waiting.

Committed to quality, the Protea Group is supported by key supply agreements with proven brands. Beyond delivering raw materials, Protea Chemicals Namibia, based in Windhoek and supported by the Protea Group, offers technical service, product stewardship, sales expertise and a commitment to Responsible Care to our Namibian customers.

This extensive reach ensures optimal proximity to our customers based in Namibia, which strongly supports Protea Chemicals Namibia’s customer-orientated approach of being “more than just a chemical supplier”.

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**Protea Chemicals Namibia**

4-6 Newcastle Street
Northern Industrial
Windhoek
Tel +264 61 21 4849
Fax +264 61 21 4846

Rikumbaland Road
Walvis Bay
Tel +264 64 22 1540
Fax +264 64 22 1541

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

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**Protea Chemicals Namibia**

A member of the Omnia Group
Partnership For Success

Telecom Namibia upsells its new range of FMC packages

Telecom Namibia, the Namibian sole integrated communications provider and incumbent telecom operator, has unveiled enhanced packages of its fixed mobile convergence (FMC) product range, known as Maxi. The products - grouped as Maxi, Maxi Plus and Maxi Pro - are customised for its home and office users, with most of them combining landline rental, data, calls, mobile handsets, mobile SIMS, 3G/4G dongles and fixed broadband connection - all on a 24-months postpaid contract.

Some of the new packages are based on the revolutionary "your own design" (YOD) concept, ushering in a new phase of product innovation to the Namibian market.

Acting Head of Marketing Ioseb Ouseb said the offerings are available at multiple price points to enable customers to choose the most suitable package depending on their needs and usage.

"With the introduction of new FMC products and the enhancement of offerings on the existing ones, Telecom Namibia now offers the only economical converged packages for home and offices in the country. Telecom Namibia is also offering free unlimited calls for these products for the next two months," Ouseb said.

The entry-level product Maxi, costing N$52 per month, gives customers the power of fixed and mobile Internet access, all in one easy to manage package. This postpaid hybrid package is a fixed and mobile data only product with 2GB mobile free data and a 1024x fixed Internet connection with unlimited Internet usage. An attractive preferential out of bundle mobile data rate of 65c/MB is applicable.

The second product is Maxi Plus which combines the power of the company’s fixed and mobile technology to offer customers new possibilities in voice and data services. A customer gets 500 free mobile voice minutes for calling national networks), 5GB free mobile data, 100 free SMS and a 2048x fixed connection with unlimited Internet access. Another freebie is unlimited free calls between numbers on the Maxi Plus product. This product comes with an out of bundle preferential rates of 65c/Mn for national voice calls, 65c/MB for mobile data and 35c/SMS. A third product - named Maxi Pro - is offered in three variations: Entry, Standard and Advanced. This is a converged business solution that is immediately available for Namibian businesses.

This product adds value and broadens Telecom Namibia’s best-in-class product offering to businesses, with preferential rates for voice and data to small, mid-sized and large businesses. Maxi Pro packages are bundled with 300MB, 500MB and 1024MB of mobile data, including free mobile voice minutes of 150, 200 and 300, as well as free SMS of 150, 300 and 500 per month.

The out of bundle usage rate is 65c/MB and 35c/SMS. Call forwarding and least cost routing as well as calls inside and outside the group enjoy special rates.

The most innovative package in our FMC basket is the Maxi Pro Essential. Costing N$999, its 2GB mobile data access, 500 minutes of calls to mobiles and landlines and 100 SMS per month. Besides, it offers two phone lines plus a mobile phone with unlimited free calls in closed user group (CUG), with call forwarding from fixed line to mobile for free.

"We will continue to aggressively roll out products and services that best meet the ever changing needs of our customers," Ouseb said.

He said the latest enriched FMC packages will make it easier for individuals, businesses and government agencies to enhance employee mobility and productivity and forms part of Telecom Namibia’s overall FMC strategy, which builds on the power of the company’s fixed, mobile, fixed and mobile networks. Telecom Namibia introduces its new range of FMC packages.

Olivia Angola
Senior Manager: Corporate Communications & Public Relations
Tel: (+264 61) 201-2484 • Fax: 061-201 2074
E-Mail: oangola@telcomnamibia • www.telcomnamibia.na

Tengai Management

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Partnership For Success

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Tengai Management

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Our skills, thinking and experience find the best prospects.

Namibia’s three new mines were financed by RMB Namibia. Global competitiveness, rock solid commitment and a keen eye for potential, resulted in RMB committing funding of N$1-billion to the Langer Heinrich uranium mine, the Otjikoto gold mine and the “Mafuta”, Debmarine Namibia’s new mining vessel at sea. RMB has contributed significantly to the realisation of the NDP4 and Vision 2030 by supporting these and other jewels in the Namibian resources crown.

For more information contact Steve Galloway, Henk Ludik or Angelique Peake of RMB Namibia on +264 61 416 150 or visit www.rmb.com.na

Thinking that can change our world.
Mining Expo and Conference

A
fter the overwhelming success of the past three biennial Mining Expos, the Chamber of Mines, which has decided to make the Mining Expo and Conference an annual highlight on the calendar. The Mining Expo and Conference will take place at the Safari Conference Centre on 20 – 21 May 2015. The Chamber expects a record of 194 stands to be used, compared to 150 stands divided over 107 exhibitors in 2013. The Mining Expo and Conference brings companies, suppliers, stakeholders and investors together. According to the Chamber of Mines, it is an important opportunity for the growing mining services industry to showcase their businesses and get together with clients. The Expo showcase the Namibian mining industry and the developments in the sector. The Mining Conference, held on the sidelines of the Expo will focus on the theme, ‘Mining Industry: A catalyst for Vision 2030’. It includes presentations on new projects such as Otjikoto Gold Mine, Husab Uranium Mine, Tscudi Copper Mine, and Skorpion Zinc.

Looking specifically at the future of mining, the conference will also focus on vital issues such as value addition, power supply, and women in mining and mining safety. The Chamber of Mines represents the interest of all the major mining and exploration companies active in Namibia with 112 member companies.

The Chamber is also celebrating 46 years of existence in 2015. Attendance for the Mining Expo and Conference is free.

Small scale miner makes ends meet

YVONNE AMUKWAYA

ow in the business for over 25 years, Keetmanshoop-based Johanne Jacobus is one of many other small-scale miners in the Karas Region who make a living through gemstone selling. Jacobus began collecting rough stones and taught himself how to cut and polish them. Today, he still sells gemstones and makes jewelry amongst other products, which he makes from recycle material. However, unlike some small-scale miners who sell their gemstones along the road, Jacobus rents a little stall at Keetmanshoops’ 4Homs ai Markur.

Their practice but also a legal obligation for any party venturing into the processing of living natural resources on a sustainable basis for the benefit of all Namibians”.

Is the SEMP still relevant?

After the Fukushima disaster in 2011, uranium developments globally slowed down in pace due to price drop. This did not spare developments in Namibia, and with the loss of lucrative sales markets, many mining companies were forced to undertake new strategies that contributed to both cost reduction and environmental sustainability. Therefore, the question of sustainability becomes not only a matter of good practice but also a legal obligation for any party venturing into the processing of living natural resources on a sustainable basis for the benefit of all Namibians”. Therefore, the question of sustainability becomes not only a matter of good practice but also a legal obligation for any party venturing into the processing of living natural resources on a sustainable basis for the benefit of all Namibians”.

Is the SEMP still relevant?

After the Fukushima disaster in 2011, uranium developments globally slowed down in pace due to price drop. This did not spare developments in Namibia, and perceptions on the importance of the SEMP slightly changed. The question, “is the SEMP still relevant?” arises.

Well, the SEMP results are already interesting, but the real value of this assessment will of course only appear after a number of years of monitoring. Wait a minute, Namibia’s newest uranium mine – the Husab Mine of Swakop Uranium – is being developed here within the Namib-Naukluft National Park. The SEMP thus represents the interest of all the major mining and exploration companies active in Namibia with 112 member companies.

The SEMP is a direct outflow of the Strategic Environmental Assessment of the Uranium Rush (the SEA).

The SEMP, a public-private collaborative initiative, is housed within the Geological Survey of Namibia (GSN) and is supported by the Namib Ecological Restoration and Monitoring Unit (NERMU) at the Gobabeb Research and Training Centre. The SEMP is not focused on biodiversity alone – the SEMP Office and NERMU collate data on a range of environmental issues and publish an annual audit report which can be found on the website of the GSN.

The SEMP’s major achievement to date is the establishment of a long-term monitoring and decision-making tool through which potential impacts are avoided and or remedial measures are developed to mitigate unavoidable impacts. The audit report consist of a set of metrics, in which 125 indicators, 46 targets and 38 desired outcomes spread across 12 ‘environmental quality objectives’ (EQOs) are assessed.

The aim of the audit report is to track overall progress in the number of indicators that are met, and improve performance by analyzing the reasons why some are not met or merely in progress. The two reports that have been published thus far, performance has been relatively stationary, with slight declines in the number of indicators that were met and even an increase in those that were not met, but this was mainly due to improvements in the clarity of how the indicators were worded.

Overall Summary of previous performance, comparing 2011 to 2012 performance.

<table>
<thead>
<tr>
<th>Source: Annual SEMP Report 2011 and 2012</th>
<th>NOT MET</th>
<th>IN PROGRESS</th>
<th>MET EXCEEDED</th>
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<tr>
<td>% of indicators in class 2011</td>
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<td>33</td>
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<td>1</td>
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<td>% of indicators in class 2012</td>
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Paving the way for development

STAFF REPORTER

From humble beginnings in 1994, D&M Rail Construction (Pty) Ltd has grown into Namibia’s leading railway construction and maintenance company. The company was taken over by the existing shareholders in 2010 and is 100% Namibian owned.

“Since that time profits were re-invested in the company in order to equip D&M Rail with state of the art railway construction equipment. We strictly adhere to a replacement programme in order to ensure our equipment is of good standard and appropriate for work with the best technology available,” said Site Agent, Leon Steyn.

D&M Rail offers a full range of services, including construction; relaying of railway lines; maintenance; manufacturing of concrete panels for ballast-less track; loading, securing and offloading of bulk rail equipment; railway engineering consulting; and the supply of material and rolling stock.

The company has built the Northern Railway Extension as a sub-contractor, connecting Tsumeb with Ondangwa over 257 kilometers. During 2011 D&M Rail as the main contractor also constructed a 63-kilometer railway line between Ondangwa and Oshikango within 8 months.

D&M also constructed the 20 km of conventional permanent way between Luderitz and Aus as well as a new marshalling and container yard in Luderitz from 2013 till Feb 2015.

D&M Rail has constructed several railway sidings for private companies such as Manica, Engen, Oshorongo Cement and the port of Walvis Bay.

The growing importance of railways is reflected in the current upgrade of the national railway network to a 18.5 tons axle load capacity and the extension of the grid to neighbouring countries.

Rail transport is far more efficient that road transport and has a much lighter footprint on the environment. A train with a full load of 21 wagons pulled by only one locomotive is the equivalent of 27 interviews on our national roads.

Currently the company is busy with the upgrading and rehabilitation of the railway line from Kranzberg to Tsumeb under the supervision of Windhoek Consulting Engineers and TransNamib.

From Kranzberg to Oshiwaramo the Company has upgraded some sections with concrete sleepers while the rest has been rehabilitated “This has reduced the running time of the trains between Kranzberg and Oshiwaramo with three hours as a result of the quality of the work done on the railway line,” said Steyn.

The condition of the railway line between Oshiwaramo and Tsumeb is in a poor state and therefore the company has to upgrade the entire length. More than 5km of that line has already been upgraded, completing in excess of 30km a day.

D&M Rail has opted to use manual labour instead of construction machinery, which could be much faster, to assist the Government of Namibia in providing work for the unemployed. General workers are being employed from the communities where D&M are working not to disrupt family and social life.

Steyn said, “D&M Rail plays a pivotal role in assisting TransNamib Holdings in realising these multi-million dollar projects for the development of Namibia and the Southern African region.”

The company has 65 permanent staff and work with approximately 400 people on a project basis.

D&M Rail Construction regards training as a very high priority and has therefore embarked on a training programme for Plantlayers and Trackmen to ensure rail professionals for the upkeep of Namibia’s railway lines for the future.

Apart from these courses, which are done over a two-year period, the company support employees to study in the fields of Engineering and Maintenance.

Training ... D&M giving training to students.

The company has also supported two SME’s over the past 4 years to become an integral part of the daily operations for safety and welding.

This function could be extended as the need arises. Job attachments in the fields of Civil Engineering and vehicle maintenance have been accepted by the Company to assist young Namibians in obtaining their formal qualifications.

D&M endeavors to become with TransNamib the regional company of choice in railway construction and maintenance.

Making progress ... Rail construction workers hard at work to build a new railway line.

D&M Rail: Keeping Namibia on Track

Services offered:

- Construction
- Relaying of railway lines
- Maintenance
- Manufacturing of concrete panels for ballast-less track
- Loading, securing and offloading of bulk rail equipment
- Railway engineering consulting
- Supply of material and rolling stock

Projects:

1995: On-going: Maintenance of Namibia Ports Authority and Rössing Uranium Mine

1998: Upgrade 2x8 km sections of permanent way for National Railways Namibia

2004: Building of the 257 km Northern Railway Extension between Tsumeb and Ondangwa

2005: Construction of permanent way between Aus and Luderitz

2007: Offloading of 25,000 tonnes of rail for Northern Railway Extension

2010: Construct rail siding at Oshorongo Cement

2011: Offloading 13,200 tonnes of rail at Ondangwa & Haalenberg; laying of 11km of rails and weld 17,000 clips for Stefanutti Stocks; built 300 meter rail siding for Manica at Walvis Bay

2012: Manufacturing of 7,400x6m concrete panels for ballast-less track; construction of 63km permanent way from Ondangwa to Oshikango; emergency repairs between Kranzberg and Oshiwaramo

2013: Construct 20km of conventional track between Aus and Luderitz; rehabilitation and upgrade 392km of railway line between Kranzberg and Tsumeb

35 John Ludwig Street, Klein Windhoek
PO Box 830, Windhoek, NAMIBIA
Tel: +264 61 402 371 • Fax: +264 61 402 480
Email: info@dmrail.com • Web: www.dmrail.com

Making Progress ... Rail construction workers hard at work to build a new railway line.
Mining Expo and Conference programme

The Chamber of Mines of Namibia will be hosting the 2015 Mining Expo & Conference scheduled for 20 - 21 May, 2015 at the Safari Hotel, with the theme: “Mining Industry – A Catalyst for Vision 2030”. The Conference programme will cover current key topics in the mining industry. All stakeholders are invited to participate. Registration & participation is free of charge.

**Wednesday May 20th’**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>13.00 – 14.00 hours</td>
<td>Registration</td>
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<tr>
<td>14.00 – 14.15 hours</td>
<td>Welcoming Remarks</td>
<td>Werner Duvenhage, immediate past President, CoM (Chairman of Session)</td>
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<tr>
<td>14.15 – 14.45 hours</td>
<td>Mining Industry Performance &amp; Challenges during 2014.</td>
<td>Veston Malango, CEO, CoM</td>
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<tr>
<td>14.45 – 15.15 hours</td>
<td>Otjikoto Gold mine – Commissioning of the 2nd gold mine in Namibia</td>
<td>Mark Dawe, MD, B2Gold Namibia</td>
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<tr>
<td>15.15 – 15.45 hours</td>
<td>Human Capital driving Swakop Uranium to be World class.</td>
<td>Percy McCallum, Vice-President: Human Resources and Business Support, Swakop Uranium.</td>
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<tr>
<td>15.45 – 16.15 hours</td>
<td>Tschudi Copper Mine – Taking value addition to greater heights.</td>
<td>Craig Thomas, MD, Weatherly Mining Namibia</td>
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<tr>
<td>16.15 – 16 45 hours</td>
<td>Panel discussion</td>
<td>All Speakers</td>
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<tr>
<td>16.45 – 17.00 hours</td>
<td>Closing Remarks</td>
<td>Kombadayedu Kapwanga,</td>
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**Thursday 21st’ May**

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<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>08.00 – 08.30 hours</td>
<td>Registration</td>
<td>Veston Malango, CEO, CoM (Chairman of Session)</td>
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<tr>
<td>08.30 – 08.40 hours</td>
<td>Welcome Remarks</td>
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<tr>
<td>08.40 – 09.10 hours</td>
<td>Namdeb re-investment projects – Extending the land based diamond operations to 2050 &amp; beyond</td>
<td>Riaan Burger, General Manager, Namdeb, Oranjemund.</td>
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<tr>
<td>09.10 – 09.40 hours</td>
<td>Conversion of Skorpion Zinc refinery to process traditional zinc concentrates – Turning !Karas Region into the zinc hub of Namibia</td>
<td>Prasad Suryarao, General Manager, Skorpion Zinc.</td>
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<tr>
<td>09.40 – 10.05 hours</td>
<td>Joint Value Addition Committee (VAC) --Presentation of Phase 2 Report.</td>
<td>Kahijoro Kahuure, Permanent Secretary, Ministry of Mines and Energy &amp; Chairman of Joint Value addition Committee (VAC)</td>
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<tr>
<td>10.05 – 10.30 hours</td>
<td>Implementing CSR when funding is scarce.</td>
<td>Brandon Munro, Managing Director, Kunene Resources</td>
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<td>10.30 – 10.50 hours</td>
<td>Panel Discussions</td>
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<td>10.50 – 11.15 hours</td>
<td>Tea / Coffee Break</td>
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<td>11.15 – 11.45 hours</td>
<td>Security of Power: NamPower briefing on status of power supply</td>
<td>Paulinus Shilamba, MD, NamPower.</td>
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<td>11.45 – 12.15 hours</td>
<td>Mining &amp; Gender – Promoting women in Mining</td>
<td>Wollen Nell, Manager, Red Area Complex (RAC), Namdeb, Oranjemund</td>
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<td>12.15 – 12.45 hours</td>
<td>Mine Safety – Driving Zero harm in the mining industry</td>
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<td>Launch of 2014 SEMP Report</td>
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<td>Mathews Amunghete, Chief Inspector of Mines, MME.</td>
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<td>Dr. Gabi Schneider, Director, Geological Survey</td>
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<tr>
<td>13.15 – 13.45 hours</td>
<td>Discussions &amp; Closing Remarks</td>
<td>Johan Coetzee, First Vice –President, CoM</td>
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Please note this programme is subject to change.