# Mining Weekly Feature Briefs 2019

#### 18 January

#### **Mining in Africa**

This feature will focus on the state of the African mining industry, providing updates on the progress of future, new and existing projects. Developments in mining legislation, policies, investments and infrastructure will be highlighted. The Mining in Africa feature will also highlight the risks associated with mining on the continent, look to discuss solutions and provide an outlook for the continent.

# 25 January

Mining Indaba Preview The Mining Indaba Preview feature focuses on what visitors to this year's Investing in African Mining Indaba can expect from the event. It will showcase keynote speakers, highlight industry issues, as well as explore new offerings presented at the Indaba. The feature will also provide the latest news from exhibitors showcasing their products, technologies and projects.

# 1 February

# Mining Law & Advisory

This feature will provide an overview of South African mining's legislative environment, highlighting news on the Mining Charter, the Mineral and Petroleum Resources Development Act (MPRDA), the MPRDA Amendment Bill and other policies and regulations currently in the spotlight. It will provide insight from legal representatives about the challenges facing the industry, as well as showcase the latest thinking of professionals advising mining companies on how to navigate the industry's rules and regulations.

#### 1 February Pumps

This feature will provide a general overview of the mining pumps industry and will showcase the latest pumps products available. Mining Weekly will also highlight new services, trends and technologies relating to the pumps industry, as well as provide an update on new and existing projects. It will also highlight the challenges facing the pumps industry, including the impact of the economic climate on the demand for new pumps.

#### 8 February Mining in the DRC

This feature will look to discuss the latest project developments under way in the copper-rich Democratic Republic of Congo (DRC). It will highlight the financial, logistical and legislative environment faced by companies active in the DRC, as well as mining opportunities beyond copper. The feature will explore the impact of new mining legislation, as well as the political climate. The country's artisanal mining sector will also be discussed.

#### 8 February

# Platinum-Group Metals

The six-member family of PGMs comprises platinum, palladium, rhodium, iridium, osmium and ruthenium. This feature will provide an overview of the platinum group metals (PGMs) sector in South Africa and the rest of Africa. Industry stakeholders will provide insight into the current state and future of PGMs, as well as look at new technologies used by mining companies in the sector. PGM mining companies' new initiatives will be explored and the feature will also provide an update on PGMs pricing and challenges currently facing the industry.

#### **15 February**

#### **Mining in North America**

This feature will provide an overview of North America's mining industry, highlighting the continent's key commodities and the latest news on top projects currently under way on the continent. It will also give insight into the US and Canada's mining legislation, the industry's financial contribution to these countries and the challenges currently facing companies operating on the continent.

# 15 February

**Project Management** This feature will focus on the latest projects secured by major and small project houses and provide an overview of the state of the mining project management sector. It will also highlight the challenges currently facing project management companies, the advantages of employing project houses and any new project management practices or initiatives.

# 22 February

#### Mining in Namibia

Mining is one of the largest contributors to the Namibian economy. This feature will provide an overview of Namibia's mining industry, highlighting the latest news on key projects and existing operations under way in the country. The feature will provide insight into how the mining sector contributes to the country's economy and the challenges facing the Namibian mining industry.

#### 22 February

#### **Energy Solutions for Mining**

The Energy Solutions for Mining feature will focus on the various energy solutions available to the mining industry, such as the use of renewable-energy sources, hybrid solutions and the establishment of minesite power plants. The feature will provide readers with an update on new contracts and projects under way, as well as showcase the latest technology and products used to supply mines with electricity.

# 1 March

#### **Mining Auctions**

This feature will explore the world of auctions of mining and capital equipment, as well as mining assets, and will focus on the emerging market of auctioneers. The feature will highlight the successes and challenges of, as well as demand for, mining auctions in the current economic climate.

#### 1 March

Mining Indaba Review This feature will discuss the outcomes of the 2019 Investing in African Mining Indaba, and highlight key industry discussion points and focus areas. It will also showcase developments and customer feedback following the launch of products at the event.

#### 8 March

#### Gold

This feature will provide an overview of the South African gold sector, as well as that of other African countries, with a focus on the current gold price and demand. It will provide an update on the latest gold projects, new developments or changes at existing operations, the latest innovations and new technologies employed by miners, and the challenges facing the gold sector. It will also provide insight into gold-related regulations, such as the conflict-free gold standard.

#### 8 March Valves

This feature will showcase the latest valves and valves-related products available to the mining industry in South Africa and the rest of Africa. It will also highlight key projects implementing valves solutions, new trends and technologies and will outline the challenges, such as local manufacture and import challenges facing the sector.

# 15 March

#### Coal

This feature will provide an overview of the coal industry in South Africa and the rest of Africa, focusing on the latest developments impacting on the sector and highlighting new projects and mine expansions, including emerging, smaller miners in the coal sector, as well as discuss the local beneficiation of coal, local supply and coal exports and key challenges currently facing the industry, including rail capacity. The emergence of clean coal technologies and the environmental impact of coal mining will also be discussed.

#### 15 March

#### **Cross-Border Mining Services**

The feature will explore Africa's cross-border mining supply chain, and provide insights into this sector. Challenges and strategies for alleviating constraints that suppliers and service providers face in providing services to mining companies across the continent will be discussed and new initiatives in service provision will be highlighted.

# 15 March

#### Heavy Minerals Mining

Heavy minerals are a class of ore deposit, which is an important source of zirconium, titanium, thorium, tungsten and rare-earth elements. This feature will provide an overview of the South African heavy minerals sector and those in the rest of Africa, highlighting new and developing projects and providing readers with an outlook for the sector. The supply and demand for these minerals will be highlighted and key challenges facing heavy minerals mining companies will be addressed.

#### 22 March

#### Wire, Rope & Chain

This feature will highlight new products, technological innovations, and new or recently completed orders and contracts for wires, ropes and chains for the mining industry in South Africa and Africa. The feature might also provide some insight into research and development in the sector, as well as skills development and any challenges currently facing companies operating in this sector.

#### 22 March

#### **Drilling & Tunnelling**

This feature will provide an overview of the drilling and tunnelling sector in South Africa and the rest of Africa, highlighting the latest available technology and updating readers on projects under way. The feature will also highlight the challenges currently facing this sector and will discuss the demand for drilling and tunnelling services.

#### 29 March

#### Mine-Site Accommodation

This feature will provide an overview of the sector that provides permanent housing for mineworkers and their families, as well as temporary accommodation and housing-related services for employees during a mine's construction phase, upgrade or expansion. New products and solution offerings, key projects under way or recently completed, as well as challenges facing the sector will be highlighted.

#### 22 March

#### **Environmental Protection**

This feature will focus on the impact of mining activities on the environment. It will highlight new technologies, regulations and corporate social investment initiatives being implemented to mitigate the effect of mining on the environment and ensure the wellbeing of mineworkers and mining communities.

#### 5 April

#### **Deep-level Mining**

The Deep-level Mining feature will update the reader on major deep-level mining operations – which are 1 000 m or more below the surface – currently under way in South Africa and the rest of Africa. It will also highlight the latest technologies available, provide an update on any new safety procedures and discuss the challenges associated with mining at such depth.

#### 29 March

# Underground Transport

This feature will focus on the latest developments in underground transport for the mining industry and highlight new products and research being explored. The challenges facing underground mines when transporting mineworkers and materials to and from the surface as well as while underground will also be discussed.

# 5 April

# Uranium

This feature will provide an overview of the uranium sector, focusing on mining and exploration projects, the future of the industry, new technologies and the challenges facing the sector. The feature will also look at the downstream beneficiation and implementation of uranium in the industry.

#### 12 April

#### **Outsourced Mining Services**

This feature will focus on the work of contractors across all spheres of the mining industry, as well as the demand from various markets across Africa for outsourced mining services. Industry stakeholders will provide insight into recently awarded contracts, the challenges faced by companies providing these services, as well as the advantages and disadvantages of contract mining and outsourcing.

#### 12 April

#### Mining in West Africa

This feature will provide an overview of the West African mining industry, highlight the latest news on projects under way and existing operations, give insight into how the region's mining sector impacts on the economies of countries in the region and discuss the challenges, as well as future outlook for the West African mining industry.

#### 19 April

#### Headgears & Shaft Sinking

Shaft sinking is an integral part of underground mining. Mining Weekly's Headgears and Shaft Sinking feature will focus on significant projects under way, as well as new products and services for shaft sinking and headgears supplied by the sector. The feature will also focus on research and development that focuses on improving product offerings.

#### 19 April

#### Base Metals

This feature will provide an overview of South Africa and the rest of Africa's base metals industry, focusing on the outlook for copper, lead, nickel and zinc. An overview of the base metals tin, aluminium and cobalt will also be incorporated. The feature will highlight significant base metals projects under way, the prices and current and future market for base metals, as well as new products and technologies being used to extract and process base metals.

# 26 April

#### **Consulting Engineers in Mining**

The Consulting Engineers in Mining feature will discuss the role of consulting engineers in the mining industry, focusing on South African and other African companies, while providing an update on the new contracts, from exploration and feasibility studies to the commissioning of mines. The feature will also highlight the challenges faced by consulting engineers servicing the local and African mining sector.

#### 26 April

#### **Mandela Mining Precinct**

The Mandela Mining Precinct, officially opened in September 2018 aims to revitalise South Africa's high-potential mining industry. Mining Weekly's feature will explore the mining research and development programmes and initiatives of the Council for Scientific and Industrial Research, the Minerals Council South Africa and the Mining Equipment Manufacturers of South Africa. The feature will also explore modernisation and mechanisation, including the local manufacture and export of mechanised mining equipment.

# 3 May

#### Mine Water

This feature will provide an overview of the latest technologies and solutions available to safely discharge mine water with minimal impact on the environment. It will also provide an overview of the industry and highlight the challenges faced by mining companies to combat the environmental issues associated with mine water, such as acid mine drainage, the impact on surrounding communities and the cost of implementing solutions.

# 3 May

## **Education & Training in Mining**

Proper education and training are integral to South Africa's mining sector and its commitment to be safer and more profitable, which is why mining majors continue to invest millions into this area. The Mining Education and Training feature will highlight the initiatives and programmes currently being implemented by mining companies, training institutions and sector education and training authorities to boost knowledge and skills development in the mining industry. It will also discuss the challenges currently being faced by the sector.

#### 10 May

## Mine Planning & Software

Mine planning involves comprehensive data acquisition, detailed mine design, mine scheduling and financial analysis for operating mines and potential mining projects. The Mine Planning and Software feature will provide an overview of this sector, highlighting companies currently operating in this space, as well as the products and software they offer to aid mine planning and improve operational efficiency and productivity. The feature will also highlight the advantages of proper mine planning, new mining software and the latest programs available.

#### 10 May

#### **Opencast Mining**

This feature will provide an update on the latest opencast mining projects under way in South Africa and the rest of Africa, highlighting the opportunities available on the continent, as well as explore new developments or changes at existing opencast operations. The challenges faced by those companies currently operating in or servicing the sector, new products, technologies and mining methods related to opencast mining will also be highlighted.

# 7 May

# Health & Safety in Mining

The Mine Health and Safety feature will provide an update on the state of health and safety operation and implementation at South African and other African mines, as well as the challenges facing the industry when it comes to implementing health and safety measures. This feature will provide industry insiders with a platform to discuss mine health and safety policies, laws and regulations, as well as mining companies' legislative compliance. It will also highlight new products and services available to promote health and safety in the industry.

## 17 May CAMINEX Preview

The feature intends to provide an overview of Caminex, Zambia's premier Copperbelt mining, agricultural and industrial trade expo and what attendees of the two-day event can expect at the Kitwe showgrounds, in Zambia. The feature will also highlight mining opportunities in the Zambian Copperbelt region, companies servicing the area and their work, existing and developing mining operations, exploration, investment in mining-related infrastructure and the stability of Zambia's mining environment including with regard to legislation.

# 24 May

#### **Junior Mining**

The Junior Mining feature will showcase junior mining exploration, producing mines, and those projects under development in South Africa and the rest of Africa. The feature will also discuss the financing trends, options and incentives available to juniors, the challenges they face in developing their projects and the commodities being targeted by junior mining companies.

# 24 May

#### Mining in Botswana

This feature will provide an overview of the Botswana mining industry and related stakeholders, highlight the latest news on new projects and existing operations currently under way, explore the commodities gathering and retaining interest, give insight into how the mining sector impacts on the country's economy and discuss the challenges facing the Botswana mining industry.

# 31 May

#### Furnaces, Kilns, Ovens & Dryers

This feature will provide an overview of the latest products and technology available from this sector for the mining industry. It will focus on contracts recently awarded, and ongoing and new projects. The feature will also highlight challenges and new trends faced by companies manufacturing and supplying products and solutions for the smelting and mineral processing industries.

#### 31 May

#### Materials, Bulk-Handling & Logistics

This feature will update Mining Weekly readers on the latest products, equipment, technologies and services offered by companies operating in the materials handling, bulk-handling and logistics sector in South Africa and the rest of Africa. It will also provide an overview of the industry, including new contracts awarded, growth strategies and projects under way, as well as challenges faced by the industry.

# 7 June

# Mining in Mozambique

This feature will provide an overview of the mining industry in Mozambique, highlighting the latest news on key projects and existing operations under way in the country. It will also provide insight into how the mining sector impacts on the country's economy and the challenges facing the Mozambique mining industry.

## 7 June

#### **Diamond Mining**

This feature will provide an overview of the diamonds and diamond mining industries in Africa, including specifically South Africa, as well as information on the international market. It will update readers on projects under way and planned, new developments at existing operations and will discuss any challenges, including regulatory and legislative amendments, facing the sector. Diamond sales and supply trends and beneficiation will also be reviewed, along with the latest mining technologies employed by miners.

# 14 June

# Pumps

This feature will provide a general overview of the mining pumps industry and will showcase the latest pumps products available. It will also highlight the challenges facing the pumps industry, including the impact of the economic climate on the demand for new pumps. Mining Weekly will also highlight new services and trends in manufacturing, training and technologies relating to the pumps industry, as well as provide an update on new and existing projects.

#### 21 June Quarrying

This feature will provide an overview of the local quarrying sector, highlighting new projects and contracts awarded in South Africa, as well as in other African countries, new developments at existing operations and the challenges facing the industry. It will also explore new products, equipment and technologies and services on offer.

#### 21 June

#### Maintenance

Mining Weekly's Maintenance feature will highlight the importance of the maintenance services sector to the mining industry and provide information about new products and services available, as well as maintenance trends. It will also seek to update readers on new contracts awarded and projects under way in the mining industry.

#### 28 June Gold

This feature will provide an overview of the gold sector in South Africa, as well as in the rest of Africa, focusing on factors influencing the state of the gold market and the price of gold. It will provide an update on the latest gold projects and new mines, new innovations and technologies, developments at existing operations and the challenges facing the gold sector. It will also provide insight into gold-related regulations, such as the conflict-free gold standard.

#### 5 July

# Earthmoving & Surface Mining Equipment

This feature will showcase the latest surface mining and earthmoving equipment and products available to the mining industry, while also providing readers with an update on new contracts and projects under way, technological trends and the outlook for the industry.

#### 5 July

#### **Mining in South America**

This feature will provide an overview of South America's mining industry, highlighting the latest news on key projects under way on the continent and giving insight into different countries' mining industries. The financial contribution that the industry makes to each country's economy, as well as the challenges facing mining companies and related services providers operating in these countries will also be discussed.

#### 12 July

#### **Mining in Africa**

This feature will focus on the state of the African mining industry, provide updates on the progress of future, new and existing projects, changes at existing operations, as well as the changing interest in upcoming commodities, and highlight developments in mining legislation, policies, investments and infrastructure. The Mining in Africa feature will also document the risks associated with mining on the continent as well as look to discuss solutions.

#### 19 July

#### Hydraulics, Pneumatics & Hydropower

This feature will update readers on the latest products and innovations in this industry, also providing an update on projects that require or use these technologies and the contracts awarded to companies servicing the mining sector. The feature will also provide an outlook for the sector, as well as highlight challenges faced by service providers and manufacturers.

#### 19 July

# **Construction in Mining**

This feature will focus on the construction contracts secured in the South African mining sector, as well as in other African countries, providing an overview of the state of the industry, the type of contracts being undertaken and the challenges faced. The Construction in Mining feature will also discuss the developments and trends with regard to construction methods and technologies employed by companies servicing the mining sector.

#### 26 July

#### Iron-Ore

This feature will provide an overview of South Africa's iron-ore industry and those in the rest of Africa, as well as update readers on the status of top iron-ore projects and new operations. The Mining Weekly Iron-Ore feature will also highlight services and products supplied to new projects and existing operations, the challenges facing miners, the pricing structure of this commodity and new project development activity.

#### 26 July

#### Explosion Protection & Flameproofing

This feature will showcase some of the latest products and technologies that this industry has to offer the local mining industry, as well as the rest of Africa, and will highlight new research developments, technologies launched, contracts awarded and challenges facing this sector.

#### 26 July

#### **Analytical Services & Geology**

This feature will showcase the latest offerings from analytical service providers for the African, and specifically the South African mining industry, providing insight from geologists and highlighting the latest products and technologies offered and used, as well as challenges facing the sector. It will also discuss the need for education and training in the sector.

#### 26 July

#### Women in Mining

This feature will highlight the achievements of key women in the mining industry in South Africa, as well as the rest of Africa. It will also look to discuss the challenges faced by women working in the traditionally maledominated industry and the opportunities available to them. The feature will further highlight the initiatives of the organisations and mining companies looking to progress and develop women in the mining industry.

#### 9 August Australian Mining

This feature will provide an overview of Australia's mining industry, highlighting the latest news on key projects under way in the country, giving insight into how the mining sector impacts on the country's economy and the challenges facing Australia's mining industry. The Australian Mining feature will also focus on Australian mining companies and new explorers active in Africa, highlighting the latest projects taking place on the continent, as well as the challenges faced by Australian companies operating in Africa.

#### 9 August Valves

This feature will showcase the latest valves and valves-related products available to the South African mining industry, as well as the rest of Africa. It will also highlight key projects implementing valves solutions, new trends and technologies and will outline the challenges relating to supply and manufacture currently facing the sector.

#### **16 August**

# **New Mining Technologies**

Mining Weekly's New Mining Technologies feature will update readers on the mining industry's latest technological advancements for operations and the newest products on the market. It will highlight research and development under way and discuss potential gaps in the market requiring the application of new technologies. It will also provide information about the application of new technologies at mines in Africa and abroad.

#### 16 August Base Metals

This feature will provide an overview of South Africa and the rest of Africa's base metals industry, focusing on the outlook for copper, lead, nickel and zinc. An overview of the base metals tin, aluminium and cobalt will also be incorporated. The feature will highlight significant base metals projects under way, the prices and current and future market for base metals, as well as new products and technologies being used to extract and process base metals.

#### 23 August

# Water Purification & Treatment

The Water Purification & Treatment feature will look at the development of new technologies and methods to purify and treat mine process water, as well as acid mine drainage (AMD). The feature will also review existing, new and planned projects, the challenges faced by mining companies, the environmental implications of process water and AMD being improperly managed and the regulations and standards for adequate water purification and treatment.

#### 23 August

#### **Electra Mining Botswana Preview**

Mining Weekly's feature will focus on Botswana's biggest mining, industrial and power generation exhibition and preview what visitors and exhibitors can expect at the 2019 event, highlighting the latest mining, industrial and power generation products and solutions, discussion seminars and trends explored. The feature will also incorporate the state, current challenges and outlook for the Botswana mining industry.

#### 23 August

#### **Platinum-Group Metals**

This feature will provide an overview of the platinum-group metals (PGMs) sector in South Africa and the rest of Africa. Industry stakeholders will provide insight into the future of PGMs, as well as new technologies employed by mining companies in the sector. The feature will also provide an update on PGMs pricing, as well as the challenges currently facing the industry. The sixmember family of PGMs comprises platinum, palladium, rhodium, iridium, osmium and ruthenium.

#### 30 August

#### **Energy Solutions for Mining**

The Energy Solutions for Mining feature will focus on the various energy solutions available to the mining industry, such as the use of renewable-energy sources and the establishment of mine-site power plants. The feature will provide readers with an update on new contracts and projects under way, as well as showcase the latest technology and products used to provide mines with electricity.

#### 30 August

#### **Mine-Site Accommodation**

This feature will provide an overview of the sector that provides permanent housing and related services for mineworkers and their families, as well as temporary accommodation for employees during a mine's construction phase, upgrade or expansion. The mine site accommodation feature will highlight new products, key projects under way, or recently completed, and will discuss the challenges facing the sector.

#### 6 September Mining in Zimbabwe

This feature will provide an overview of Zimbabwe's mining industry, highlighting the latest news on key projects under way in the country, giving insight into how the mining sector impacts on the country's economy, how the recent governmental changes influenced the industry in terms of mining legislation and new investment, and the challenges facing Zimbabwe's mining industry.

#### 6 September

#### Minerals & Metals Processing, Smelting & Refining

This feature will update readers on new contracts awarded to companies operating in this sector and highlight the technological developments and the challenges facing smelters, refineries and mineral processing companies. It will also look to discuss plant construction, expansion and maintenance contracts awarded to companies servicing the industry.

#### 13 September

#### Mining in Zambia

This feature will provide an overview of Zambia's mining industry, highlighting the latest news on key projects under way in the country, giving insight into how the mining sector impacts on the country's economy and the challenges facing Zambia's mining industry. The feature will also explore the copper market, as well as legislative changes impacting on the country.

#### 13 September Pumps

This feature will provide a general overview of the mining pumps industry and will showcase the latest pumps products available. Mining Weekly will also highlight new services, trends and technologies relating to the pumps industry, as well as provide an update on new and existing projects. It will also highlight the challenges facing the pumps industry, including the impact of the economic climate on the demand for new pumps.

#### 20 September Fuel Cells

The Mining Weekly Fuel Cells feature will update readers on the latest developments in fuel cell technology. The feature will highlight the uses of fuel cells and report on recent projects, while also providing insight into the role fuel cell technology can play in increasing platinum group metals beneficiation.

#### 20 September Coal

This feature will provide an overview of the South African coal industry, as well as those in the rest of Africa, focusing on the latest developments impacting the coal sector and highlighting new projects and mine expansions. The feature will also discuss the local beneficiation of coal, coal exports and key challenges facing the industry, including rail capacity. The emergence of clean coal technologies and the environmental impact of coal mining will also be discussed.

#### 27 September Joburg Indaba Preview

This feature will preview the yearly Joburg Indaba mining conference, which brings captains of industry together with government and investors. Readers will be introduced to some of the local and international speakers, fund managers, analysts and industry leaders expected to gather at this year's event to drive the way forward for the mining industry and share insights into global commodity market prospects and investment opportunities.

#### 27 September

# Materials, Bulk-Handling & Logistics

This feature will update Mining Weekly readers on the latest products and services offered by companies operating in the materials handling and logistics sector in South Africa and the rest of Africa. It will also provide an overview of the industry, including new contracts awarded, growth strategies and projects under way, as well as challenges faced by the industry.

#### 4 October

#### **Crushing, Screening & Milling**

This feature will provide an overview of the latest contracts awarded to those operating in the local crushing, screening and milling sector. It will focus on the latest products and services entering this market and update readers on the challenges facing companies providing these products and services.

#### 4 October

#### **Conveyors & Components**

This feature will showcase new conveyor equipment and conveyor-related components available to the local mining industry, also updating readers on new contracts that have been awarded and projects under way that require new conveyor components and/or maintenance services.

# 11 October

# Mining in Tanzania

This feature will provide an overview of Tanzania's mining industry, highlighting the latest news on key projects under way in the country, giving insight into how the mining sector impacts on the country's economy and the challenges facing Tanzania's mining industry.

#### **11 October**

#### Motors, Drives & Mechanical Power Transmission

This feature will provide an overview of the motors, drives and mechanical power transmission sector and how it services mining in South Africa and other African mining industries. It will highlight technological advancements, as well as new products and services that the sector offers. Key challenges facing the sector will also be discussed.

# 18 October

# Exploration

Mining Weekly's Exploration feature will provide insight into new projects in South Africa and the rest of Africa that are currently in the exploration phase and will highlight new technologies/methods used in the exploration process. It will also tackle the state of the industry and the outlook for exploration, as well as showcase companies that provide services to this sector.

#### 18 October

#### **Explosives in Mining**

This feature will update Mining Weekly readers on the latest products and services the explosives sector has to offer the mining industry. It will also focus on new contracts for operations in South African and the rest of Africa, and will discuss the state of the local explosives industry, with a focus on its key challenges and solutions to these challenges.

#### 25 October

# CTL, CBM & UCG (Incorporating Sasol Mining)

The Mining Weekly coal-to-liquids (CTL), coalbed methane (CBM) and underground coal gasification (UCG) feature will update readers on related projects under way, with a focus on Sasol Mining's projects. It will also focus on the latest products and technologies in use and tackle the global demand for liquid fuels, as well as the environmental issues associated with the coal, and specifically the CTL, industry.

#### 25 October Opencast Mining

This feature will provide an update on the latest opencast mining projects under way in South Africa and the rest of Africa, highlighting the opportunities available on the continent, as well as the challenges faced by those companies operating in the sector. New products, technologies and mining methods related to opencast mining will also be highlighted.

#### 1 November

#### **Project Management**

This feature will focus on the latest projects secured by major and small project houses and provide an overview of the state of the mining project management sector. It will also highlight the challenges currently facing project management companies, the advantages of employing project houses and any new project management practices.

#### **1** November

# Mine Mechanisation, Modernisation & Automation

This feature will provide an overview of the implementation of mine mechanisation and automation, updating Mining Weekly readers on companies implementing these methods and highlighting the latest technologies and equipment available to the sector. It will also discuss the advantages and disadvantages of implementing these measures, highlighting the impact on cost and production. The focus on mine modernisation, meanwhile, will assess how modernising South Africa's mines can boost the economy and extend mine life. The feature will also unpack the risks associated with failure to modernise and how this could affect the industry.

# 8 November

# Mining in Africa

This feature will focus on the state of the African mining industry, providing updates on the progress of future, new and existing projects, highlighting developments in mining legislation, policies, investments and infrastructure. The Mining in Africa feature will also showcase the risks associated with mining on the continent as well as discuss their solutions.

# 15 November

#### Consumables

Mining consumables are goods used by mines that must be replaced regularly because they wear out or are used up. This feature will update readers on the latest products and innovations in this industry, as well as contracts awarded to companies servicing and maintaining the mining sector. The feature will also provide an outlook for the sector, as well as highlight challenges faced by service providers and manufacturers.

#### **15 November**

#### Mine Care & Maintenance

Care and maintenance is a term used in the mining industry to describe processes and conditions on a closed mine site where there is potential to recommence operations at a later date. During a care and maintenance phase, production is stopped but the site is managed to ensure it remains in a safe and stable condition. The Mine Care and Maintenance feature will thus focus on the requirements related to mine decommissioning and reclamation once the ore-extracting activities of a mine have ceased. The feature will provide insight into the challenges faced in terms of care and maintenance and showcase products and services aimed at assisting in this process.

#### 22 November Tailings & Waste Management

The Tailings & Waste Management feature will unpack the management approach and performance related to waste management on mines, including the construction, operation, and ongoing monitoring of the various health, safety, and environmental risks and impacts associated with tailings storage and waste facilities.

#### 22 November

#### Consulting Engineers in Mining

The Consulting Engineers in Mining feature will discuss the role of consulting engineers in the mining industry, focusing on African and South African companies, while providing an update on new contracts, from exploration and feasibility studies to the commissioning of mines. The feature will also highlight the challenges faced by consulting engineers servicing the mining sector.

## 22 November

#### Ventilation & Cooling

This feature will update readers on the latest contracts awarded to companies installing ventilation and cooling solutions in underground mines. It will highlight the newest technologies, products and services that the sector has to offer, as well as provide insight into the regulatory environment and challenges facing the sector.

#### 29 November Oil & Gas in Africa

As the political and legislative environments of many African countries become more stable, an increasing number of exploration projects are getting under way on the continent, resulting in more oil and gas resources being discovered and developed. This feature will focus on the state of the African oil and gas industry, emerging markets and significant projects being undertaken. It will also discuss how oil and gas projects are beneficial to the host country and what challenges and opportunities oil and gas companies are facing in Africa.

#### 29 November

# Health & Safety in Mining

The Health and Safety in Mining feature will provide an update on the state of health and safety at South African and other African mines, as well as the challenges facing the industry when it comes to implementing health and safety measures. This feature will provide industry insiders with a platform to discuss mine health and safety policies, laws and regulations, as well as mining companies' legislative compliance. It will also highlight new products and services available to promote health and safety in the industry.

#### 6 December

#### Iron-Ore

This feature will provide an overview of South Africa's iron-ore industry and those in the rest of Africa, as well as update readers on the status of top iron-ore projects. The Mining Weekly Iron-Ore feature will also highlight the challenges facing miners, the pricing structure of this commodity and new project development activity.

#### 6 December Copper in Central Africa

Demand for copper from developing countries, such as China, is on the increase, which is why exploration activity has increased in the prospective copper mining area of Central Africa, otherwise known as the Copperbelt. This feature will focus on existing projects, exploration projects, challenges facing copper mining companies operating in Central Africa, the legislative environment in Central African countries, infrastructure development and new technologies available to the region's mining operations.

#### 13 December

# Projects of the Year 2019

The Mining Weekly Projects of the Year feature will provide readers with information on prominent ongoing and recently completed mining projects. South African projects, as well as other key African projects will be featured.