

Rio Tinto

Rio Tinto

in Africa



Rio Tinto is one of the world's largest diversified mining groups.



Rio Tinto is a leading international mining group that focuses on finding, mining and processing the Earth's mineral resources. Our vision is to be a company that is respected for delivering superior value, and for being the industry's trusted partner of choice. We have a diverse portfolio and a global presence: our 67,000 people work in more than 40 countries.

To maximise returns to shareholders over time, we take a long-term and responsible approach to our activities. This means concentrating on developing Tier 1 orebodies into long-life, low-cost, expandable operations, capable of providing competitive returns throughout business cycles.

Sustainable development is integrated into everything we do. Our operations give us the opportunity to bring long-lasting positive change to the communities, regions and countries in which we work. In Africa, innovative programmes have emerged to manage the social, environmental and economic performance of our operations. Our metals and minerals are transformed into end products that contribute to higher living standards.

Our responsible approach to mineral development ensures we gain and maintain our licence to operate. It means we provide confidence to our stakeholders, and improve our access to the mineral resources, people and capital we need. Our five product groups – Aluminium, Copper, Diamonds & Minerals, Energy and Iron Ore – are supported by our Exploration and Technology & Innovation groups.

Rio Tinto has a strategic, long-term commitment to Africa, and a long-standing presence on the continent.

Our operations in Africa are partnerships with host country governments, commercial partners and local ownership to create shared value for all. Mutually beneficial partnerships are central to our development model.

The strength and understanding that our partners bring is coupled with Rio Tinto's proven experience in developing and delivering large-scale mining projects. Together, we create a long-term partnership for growth.

www.riotinto.com

Operations and projects

Our operations and assets on the African continent include:

Operations

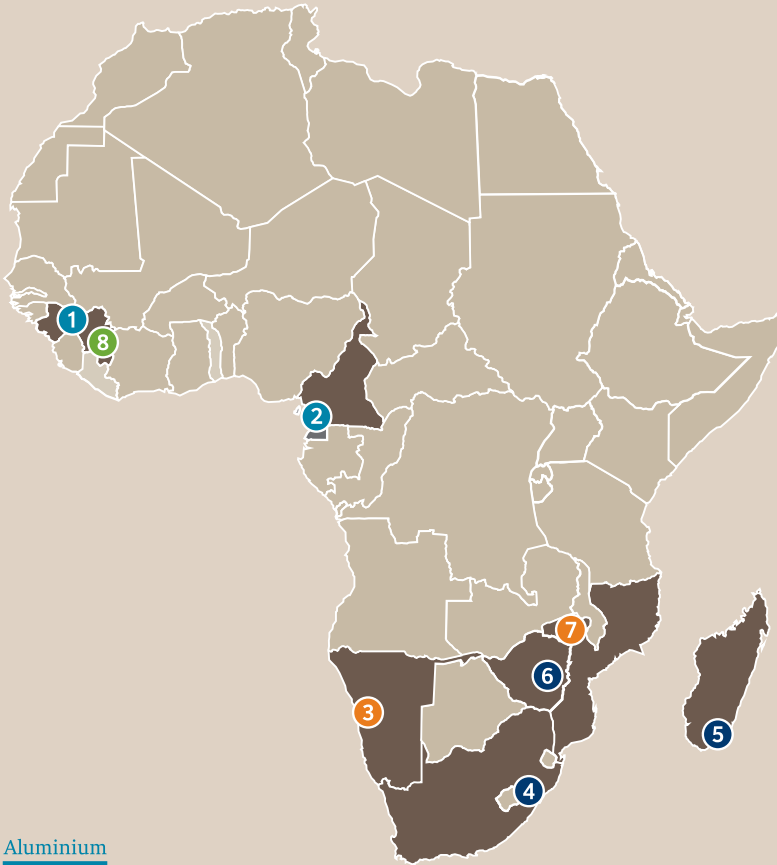
- Richards Bay Minerals (RBM), a mineral sands operation and smelter in South Africa (74 per cent owned by Rio Tinto).
- Rössing Uranium, an open pit uranium mine in Namibia (69 per cent owned by Rio Tinto).
- Rio Tinto Coal Mozambique (RTCM), a coking and thermal coal operation in Mozambique (majority-held by Rio Tinto).
- Murowa Diamonds in Zimbabwe (78 per cent owned by Rio Tinto).
- QIT Madagascar Minerals (QMM), a mineral sands operation in Madagascar (80 per cent owned by Rio Tinto).
- An aluminium smelter in Edéa, Cameroon (47 per cent owned by Rio Tinto).
- Compagnie des Bauxites de Guinée, a bauxite mine in Guinea (23 per cent owned by Rio Tinto).

Projects

- Simandou, an iron ore project in Guinea (95 per cent owned by Rio Tinto).
- The Kabata alumina refinery project, a greenfield project in Guinea (50 per cent owned by Rio Tinto).
- Expansion of the Edéa smelter, and a greenfield aluminium smelter in Cameroon.
- The Mutamba ilmenite project in Mozambique, entering the prefeasibility stage.
- Exploration projects in the Democratic Republic of Congo.

In addition, exploration is integral to Rio Tinto's activities. We have had a sustained commitment to exploration since 1946 and consider it to be one of our core competencies. We are exploring for metals and minerals in a wide range of countries in Africa.





Aluminium

Diamonds & Minerals

Energy

Iron Ore

Operations

1



Campagne des Bauxites de Guinée

(Guinea)

Third largest bauxite mine in the world

2



Alucam

(Cameroon)

Aluminium smelter

3



Rössing Uranium

(Namibia)

World's longest running open pit uranium mine

4



Richards Bay Minerals

(South Africa)

Mineral sands including titanium dioxide, feedstock, pig iron, rutile and zircon

5



QIT Madagascar Minerals

(Madagascar)

Mineral sands including quality ilmenite used to produce titanium oxide

6

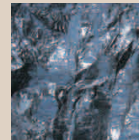


Murowa Diamonds

(Zimbabwe)

Boasts three kimberlite pipes

7



Rio Tinto Coal Mozambique

(Mozambique)

Coal including high quality coking coal used in steel production

8



Simandou Iron Ore

(Guinea)

Iron ore projects

Safety

Our goal is simple: *To achieve zero harm*

Safety is about people – not numbers. The policies, standards, programmes and targets we set are important and have helped to improve our performance in recent years. However, it is only when everyone working in our business has the knowledge, skills and desire to work safely that we will achieve zero harm.

Our vision is to create an injury and illness free workplace, where everyone goes home safe and healthy each day and, above all, we eliminate all workplace fatalities.

We strive to create a positive safety culture, where everyone is committed to their own safety and the safety of their workmates. To help achieve this, we take an integrated approach, which combines injury reduction, fatality elimination and catastrophic risk management. Integral to the success of our approach are visible, passionate and effective leaders who engage with their teams to build a zero harm culture and are supported by fit for purpose systems.

Significant focus is currently on effective investigation of incidents that have the potential to cause fatalities and sharing learnings to ensure they don't happen again, robust risk assessment processes and the deployment of critical control monitoring plans to drive effective and sustainable risk management at all our operations.

Health and safety recognition for our operations

Rio Tinto Simandou participated in the world health and safety day held in April 2013. The Health Safety and Environment team took this opportunity to raise the health and safety culture of employees and their families during a whole day of learning and awareness building. The Simandou team achieved above target HSE performance during the past year.

Murrow Diamonds in Zimbabwe was recently awarded three safety awards by the Occupational Health and Safety branch of the National Social Security Authority (NSSA). The Authority is mandated by Government to administer social security schemes in Zimbabwe.





Rio Tinto Coal Mozambique's Benga Mine

Rio Tinto Coal Mozambique

Mozambique

Rio Tinto Coal Mozambique (RTCM) consists of the Benga mine and the adjacent Zambeze project. In October 2013, the mining concession was issued and the mining contract was signed with the Government of Mozambique. It also has extensive growth options in the region.

The Benga mine, which is a joint venture between Rio Tinto (65%) and Tata Steel Limited (35%), is located in the Tete province of Mozambique. The asset is part of the Moatize basin, one of the few coal basins in the world with the potential to deliver substantial volumes of coking coal into the seaborne market.

Rio Tinto commissioned the Benga mine in 2012. Since then RTCM has established itself as an exporter of premium-quality hard coking coal, delivering in excess of one million tonnes of hard coking coal to the market.

During this time, Rio Tinto has continued to integrate its world-class operating and technical capability into the RTCM operations, including health, safety, environment and community standards.

This has been achieved through the use of Rio Tinto's global expertise and through the building of relationships with employees, communities and external stakeholders in order to create benefits for Rio Tinto and for Mozambique.

RTCM vision continues to be "Together we will establish a safe and globally competitive coal industry which contributes to the prosperity of Mozambique".

**Country representative of Rio Tinto in Mozambique and
Managing director of RTCM**

Andrew Woodley

Find out more:

www.riotinto.com



Simandou Guinea

Simandou is a world-class iron ore mining project operated by Rio Tinto in partnership with the Government of Guinea, the Aluminium Corporation of China (Chalco) and the International Finance Corporation (IFC), a member of the World Bank Group.

Iron Ore core samples at Simandou Project

Located in the southeast of Guinea, Simandou is a rich deposit of more than two billion tonnes of high grade iron ore. It can sustain a mine life in excess of 40 years and will make Guinea one of the world's top iron ore exporters. It will also provide direct and indirect benefits for the country and all Guineans.

Simandou will be the largest integrated iron ore mine and infrastructure project ever developed in Africa. The project will comprise three principal components: the Simandou mine – an open pit mine – with an anticipated peak production of ~100 million tonnes per annum (Mt/a), 650km trans-Guinean railway and a deep water port to be located on the Morebeya River south of Conakry.

A project of this nature is challenging and requires a unique approach to development. Consequently, we have been developing a partnership structure, consisting of the Government of Guinea, Chalco, the IFC and Rio Tinto, that combines world class leadership, sovereign authority and global expertise governed by international standards of health, safety, sustainability, environmental responsibility and corporate governance.

The contribution of the project to the Guinean economy is expected to be very significant. Estimates suggest the economic impact of Simandou will more than double Guinea's GDP. Once the project is in steady state operation, annual payments to the Government of Guinea are expected to be roughly equivalent to total Government revenues in 2012.

In 2012, the project employed over 4,500 people, including contractors of whom 3,600 were Guineans. During development, the project is expected to generate more than 10,000 direct and indirect jobs. The aim is for the project to be led, managed and operated by Guineans.

Rio Tinto is working in partnership with the government of Guinea to build resilience in communities through our

investment in local capacity development, procurement, health, community support, environment and infrastructure.

- Our local procurement spend doubled in 2012 reflecting our increased use of local suppliers.
- We have spent over US\$50 million on social investment programmes which aim to combine the needs and expectations of the community in which we operate with the Government development priorities. For example, in collaboration with the Beyla authorities, we have identified projects that will receive funding, thus providing residents with facilities such as a refurbished hospital, a youth centre, and a training centre to offer education and training opportunities.
- We are committed to protecting Guinea's rich and diverse natural environment, particularly Classified Forests and other protected areas. Independent Monitoring Group reviews, required by IFC, are also being conducted.
- We have completed the Social and Environmental Impact Assessment and have developed and started implementing the Resettlement and Compensation programme in the PMOF area.

The development opportunities from Simandou have the potential to be much larger than the direct project benefits. Simandou will underpin a corridor of growth and development in southern Guinea that can unveil huge economic value in non-mining primary sectors with a potential to add up to US\$3 billion/ year to the GDP of Guinea.

Managing director Simandou

Graham Davidson

Managing director Rio Tinto in Guinea

Ismael Diakité

Find out more:

www.riotintosimandou.com



*Rio Tinto technicians working at the wet plant,
Fort Dauphin, Madagascar*

QIT Madagascar Minerals

Madagascar

QIT Madagascar Minerals (QMM) is a Rio Tinto mine in partnership with the Government of Madagascar. Rio Tinto has an 80 per cent shareholding, and 20 per cent is owned by the State of Madagascar, represented by Omnis.

QMM began production in December 2008, with an expected life-of-mine of more than 40 years. The ilmenite mine is located in the Anosy region of south-eastern Madagascar and consists of three separate deposits - Mandena, Petriky and Sainte Luce.

As part of the required infrastructure and the company's contribution to the region's economic development, Rio Tinto built a public-private deepwater port on the Ehoala Peninsula, near the town of Fort Dauphin. The mine is a primary and priority customer for the port, establishing it as an important regional facility, as well as providing a steady flow of business, and direct and indirect employment opportunities for the local population.

The Ehoala Port is Madagascar's second largest port and acts as a catalyst for investment in the impoverished Anosy region and the country as a whole. It is not only boosting the tourism industry, but also bringing opportunities for agricultural production and business development through to the provision of an import and export channel.

In 2010, QMM spent US\$71 million on procurement, of which 38 per cent went to local suppliers. The total spent on local procurement between January 2009 and July 2011 was US\$119 million.

The president of QMM is Malagasy and over 96 per cent of employees are Malagasy, with 13 per cent being women.

To ensure the local population and communities benefit from the project, QMM has established social and economic programmes that increasingly contribute to improving living standards. To achieve and monitor local living standards, flagship projects called Fagneva and the Integrated Development Project (IDP) have been initiated by the Biodiversity and Community Relations team at QMM, along with the local authority and in partnership with non government organisations and other stakeholders.

Social and economic initiatives revolve primarily around the improvement of the livelihoods of communities surrounding the mine in the Fort Dauphin area. Financial and social specialist support is also provided for a variety of programmes including an HIV/AIDS and a sexually transmitted disease prevention programme, education, training and support, as well as participation in regional economic development initiatives.

In 2009, QMM won the prestigious Nedbank Green Mining Award in the environmental category for its commitment to sustainable development. The award honours a company

that has made a significant effort to protect and improve the biophysical environment in which it operates. QMM was recognised for its groundbreaking work in environmental conservation in the Anosy region of southern Madagascar and, in particular, its positive impact on biodiversity.

As part of an integrated compensation plan that runs parallel with QMM's biodiversity project, agreement was reached with the local government for the mine to partner with the host community on:

- Eco-tourism and other income generating activities;
- Improved agriculture;
- Community-based natural resource management activities such as bee-keeping, vegetable growing and compost making;
- Growing new plantations;
- Improved fishing practices;
- Forest restoration and conservation zone management;
- Improved education and community health services;
- Adult literacy programmes;
- Prevention programmes dealing with sexually transmitted infections and HIV/AIDS;
- A land use co-management plan.

QMM also assists in funding socio-economic development outside and beyond the mining operation. It was recognised early on that positive community relations would be a key requirement for the sustainability and success of the project.

QMM started a social programme in 1999 staffed principally by Malagasy experts and supported by international experts. The result is an extremely successful partnership between private enterprise and international agencies.

From the outset, QMM's aim was not only to protect and conserve the unique biodiversity around the mining site, but also to identify opportunities to enhance biodiversity conservation. QMM's approach allows for the building of capacity in the local communities for the better and more sustainable use of natural resources in the area.

President

Ny Fanja Rakotomalala

Communication and external affairs manager

Willy Rasamoelina

Find out more:

www.riotintomadagascar.com

Rössing Uranium

Namibia

Rössing Uranium is a significant and growing long-term supplier of uranium to the world's nuclear power industry. It is one of the largest open pit uranium mines in the world and supplies uranium oxide to nuclear power utilities in Europe, North America and Asia.

Namibia is the fifth largest producer of uranium oxide after Kazakhstan, Canada, Australia and Niger, making up about seven per cent of the world production of primary produced uranium oxide.

Rössing is a major player in the Namibian mining industry, and makes significant contributions sourcing goods and services, training and development and community investments. The mine is well positioned to capture future opportunities. The life-of-mine is currently at 2023, though there is excellent opportunity to mine beyond this.

In recent years, global demand for nuclear fuel has increased, driven primarily by increasing concerns about climate change, the effects of greenhouse gas emissions, security of supply and the cost of fossil fuel.

With a positive, long-term market outlook, Rössing looks ahead with renewed vigour. Current production is mostly from an expansion of the open pit while a major pre-strip programme to expose higher grade ore is ongoing.

In addition, the Z20 Phase 3 exploration drilling programme for 2012/13 has been completed and brings about 40 per cent of the deposit to Indicated Resource Status. As innovation and technology drive growth, Rössing will continue to invest in and investigate a number of initiatives in the mining and processing of its ore.

The safety and health of employees is of utmost importance and a top priority at the mine. Rössing continues to work towards achieving a zero harm culture among its workers.

Rössing adheres to legislation and uses management systems to assist in managing and minimising the impacts of its operations on the environment. To ensure this standard is met, the mine holds an ISO14001:2004 certification: an internationally recognised management system to monitor and evaluate environmental impacts.

Rössing has a strategic focus on training and developing its employees, and addressing skills shortages. The company continues to invest in its people by offering a wide range of improvement programmes and leadership development programmes, and capitalises on Rio Tinto's global exchange programmes.

Although there is a skill shortage in the country, 98.5 per cent of the mine's workforce are Namibian, which attests to Rössing's commitment to local development through the creation of job opportunities and training for Namibians.



Boiler maker at work at Rio Tinto's Rössing Uranium plant

Rössing remains a key player in the Namibian economy through its procurement of goods and services, both at the local level and countrywide, payment of taxes and royalties and as a foreign exchange generator. In 2012, 63 per cent of total procurement was spent on Namibian goods and services, benefiting more than 500 businesses and creating job opportunities for locals.

Rössing's corporate, royalty and employee taxes made up about 2.2 per cent of the nation's total taxes on income and profits, well below a five-year average of 5.3 per cent. Namibia depends mainly on the export of primary products for its foreign exchange earnings, for which Rössing, in 2012 alone, contributed about 7 per cent.

In 2012, around 246 employees were part of the company's training and development programme, reflecting an investment of approximately US\$800,00 in human capital development. Rössing's corporate social responsibility programmes extend the work of the Rössing Foundation, which has provided support in the fields of the environment, education, health and recreation for over 30 years.

The Foundation's primary objective is promoting sustainable development through training, education and enterprise development. Thousands of Namibians have been trained through skills training programmes at the Rössing Foundation adult education training centres.

In support of growth opportunities for the Namibian uranium mining industry, Rössing spearheaded establishing the

Namibian Uranium Institute, which focuses on training and implementing leading practice standards in health, safety and environmental practices in the Namibian uranium mining industry.

Rössing aims to continue playing a vital role in the national development and growth of Namibia, while at the same time increasing shareholder value in the future.

Managing director

Werner Duvenhage

General manager, human resources

Melissa Shanjengange

Rössing Foundation executive director

Job Tjiho

Find out more:

www.rossing.com

www.rossingfoundation.com



Dredger at Richards Bay Minerals in KwaZulu-Natal

Richards Bay Minerals

South Africa

Richards Bay Minerals (RBM) is a leading producer of titanium minerals, high purity iron and zircon. A Rio Tinto managed company, RBM is a joint venture between Rio Tinto, black economic empowerment partners Blue Horizon Investments and RBM permanent employees.

The mine was formed in 1976 to mine and process the heavy minerals found in the coastal sands of northern KwaZulu-Natal.

The mine production output contributes significantly to KwaZulu-Natal's gross domestic product and is one of the largest sand mining and mineral processing operations in South Africa. RBM's world-class dune rehabilitation programme continues to win acclaim and environmental awards.

Employing over 4,000 staff including contractors, RBM has also impacted positively on the quality of life of thousands of families within the outlying areas. The surrounding communities enjoy an improved quality of life as a result of RBM's social investment programme.

The focus is all encompassing, including job creation, education, healthcare, community development projects, safety and agriculture.

One of the projects ensuring RBM's contribution to the community is the Bambisanani project in partnership with the KwaZulu-Natal Department of Education and Grantleigh School, a private school in Richards Bay. RBM identifies Grade 10 to Grade 12 learners from its host communities with a good potential in maths and science to attend extra lessons at Grantleigh School.

In 2011, the programme saw 56 Grade 12 students registered, resulting in a 98 per cent pass rate with seven of the students obtaining 22 distinctions between them.

At the outset of its operations, RBM realised that mining would impact on the environment. The company was one of the first in the country to employ a full-time ecologist to manage a dune rehabilitation programme. The aim of this programme aims to restore the dunes to a condition similar to before mining took place.

Over the years, RBM has received worldwide recognition for its achievements in this field and the rehabilitated forests have become a living laboratory for the study of ecological succession.

More than 35 scientific studies have been conducted on the dunes providing valuable information for scientists and helping in the ongoing management of the programme.

RBM's ecological monitoring uses 20 years of research data on the progress in dune rehabilitation, looking at the survival and growth rates of many different species. This data has been analysed and extrapolated to enhance RBM's world-renowned dune restoration programme through streamlining and adapting the monitoring programme.

Determining RBM's compliance to updated Standard Operating Procedures for dune forest rehabilitation in terms of ISO:14001 standards is also receiving much attention.

RBM is active in numerous sustainable development projects including extensive education programmes, health initiatives such as an immunisation campaign, an award-winning enterprise development project and rural development. RBM recently launched a formal two-year small business training and mentorship programme delivered by a renowned company of business advisers and trainers.

The mine partners with the Department of Education to reduce a shortage of education facilities, and to provide infrastructure such as libraries and science laboratories.

The mine has been instrumental in building over 500 classrooms in the surrounding communities, donating computers, running maths and science proficiency programmes, adult literacy and training centres.

Managing director

Mpho Mothoa

General manager Community and Corporate Relations

Fundi Dlamini

Find out more:

www.rbm.co.za

Rio Tinto Alcan

Africa

Rio Tinto Alcan is a global leader in the aluminium industry and one of Rio Tinto's five product groups. Our operations are closely integrated across the globe. We mine high quality bauxite, refine alumina and produce primary aluminium at some of the lowest cost, most technologically advanced smelters in the industry.

Balancing economic, social and environmental considerations is central to how we do business. This approach builds trust and fosters mutually beneficial relationships with the communities in which we operate. We work with local stakeholders to ensure that benefits and opportunities are shared. We have a long, proud history in Africa and look to a future of growth.

Cameroon

Since opening in 1957, the Alucam smelter in Edéa, Cameroon has played an active role in regional socio-economic development. Recent community projects have focused on healthcare (most notably the prevention of HIV/AIDS and malaria), education and access to potable water.

Alucam employs more than 600 people and has an aluminium smelting capacity of 100,000 tonnes per year. The Government of Cameroon and Rio Tinto Alcan each hold a 46.7 per cent interest in Alucam, with the balance held by the Agence de Développement Française.

In July 2009, Rio Tinto Alcan and the Republic of Cameroon signed a Memorandum of Understanding to establish basic terms and a roadmap for the development of a 400,000 tonne per year aluminium smelter and a 930 megawatt hydroelectric power station at Song Mbengué. The Memorandum includes Rio Tinto Alcan's participation in the Kribi deep-water port for facilities linked to the new smelter's activities.

Managing director

Alain Malong

Guinea

Since 1973, Rio Tinto Alcan has held a minority interest in Compagnie des Bauxites de Guinée (CBG) via its participation in Halco Mining. CBG contributes significantly to the wellbeing of its operating communities in the areas of education, health, water, and infrastructure. It accounts for approximately 30 per cent of Guinea's total revenues and directly employs some 2 800 Guineans, in addition to providing many indirect employment opportunities.



Stored aluminium rods

In November 2005, Rio Tinto Alcan (50 per cent) and Alcoa (50 per cent) signed a basic agreement with the Government of Guinea regarding development of the Kabata Alumina Refinery, a large-scale, greenfield, alumina refinery project at North Kamsar. The 1.67 million tonnes per annum (Mtpa) refinery will be based on the supply of CBG's non-export grade bauxite and has the potential for two expansions of equal capacity.

In keeping with our commitment to regional economic development, the project will provide significant revenue for the Government, as well as local employment and training opportunities.

Rio Tinto Alcan is fully committed to supporting Guinea's efforts towards achieving the UN Millennium Development Goals. In 2008, Rio Tinto Alcan jointly launched Programme de Renforcement des Capacités de Boké (Boké's Capacity Building Programme), Guinea's first public-private partnership.

The programme's decentralised and participatory approach is aligned with the country's rural and local development policy and its poverty alleviation strategy.

Ghana

Effective 1 February 2010, Rio Tinto Alcan sold its 80 per cent share of the Ghana Bauxite Company to Bosai Minerals Group of China. We have nonetheless extended our original three year commitment to support the development plans of the Bibiani Anhwiaso Bekwai District through 2012, in

partnership with key local Ghanaian and international stakeholders. This commitment addresses areas of vital importance to Ghana such as health, education, water and sanitation.

Algeria

Rio Tinto Alcan is exploring the potential for a smelter project in Algeria with state-owned energy resource company Sonatrach. We believe Algeria has sound potential given its objectives concerning human capital, employment, economic diversification and industrialisation, in combination with its proximity to the European market and competitive energy resources.



Murowa Diamonds

Zimbabwe

Murowa Diamonds produces gem quality rough diamonds in Zimbabwe. The Murowa kimberlites were discovered in 1997 and construction of a small-scale 200,000 tonnes per year operation was completed in August 2004 to process weathered kimberlitic ore. Since then, more than one and a half million carats have been produced and sold in the international markets.

Rio Tinto is committed to operating in Zimbabwe and to the empowerment of the Zimbabwean people by provision of local employment, procurement and contribution to the economy through the payment of taxes and royalties.

Since 2004, several expansion projects have been successfully commissioned with the capacity to more than double production to 500,000 tonnes per year, as well as allowing the plant to process hard kimberlitic ore. These projects include the installation of a 200 tonnes per hour front-end crushing and screening plant and a 50 tonnes per hour dense media separation module.

The business employs around 467 people, including full-time contractors and local employees on short-term contracts. Murowa Diamonds places a strong focus on the development of people and provides training and development programmes for contractors and permanent employees at all levels. Murowa Diamonds has a local recruitment policy that sees the company recruit labour from surrounding communities for three months on a rotational basis. The company has invested in training programmes designed specifically for local community members.

The company runs an extensive community development programme which focuses on education, community health and HIV/AIDS prevention, construction of public infrastructure, capacity building and skills transfer, improved food security, business development and economic empowerment. These programmes benefit close to 50,000 people in a footprint covering five wards in Zimbabwe. The business continues to ensure the surrounding communities have an ongoing vested interest in the success of the operation.

The company is reviewing opportunities to further the operation above its current installed capacity. Several technical reviews looking at expansion scenarios have been

commissioned to assess options to dramatically increase production capacity. These technical reviews will ultimately lead to the development of revised capital and operating cost estimates for the expansion project. The expansion project will inject foreign capital to the country, and provide for job creation, added tax and royalty payments to Government and a boost to local goods and services providers, skills development and support further community development.

The company is working hard to further empower local communities and is at an advanced stage in the preparation of its indigenisation plan with Government, which, when implemented, will result in increased local ownership of the business above its current 22.2 per cent level. Murowa Diamonds has also supported the establishment of a beneficiation industry through the sale of product to local diamantaires and has provided assistance and support in the establishment of indigenous companies to provide goods and services for the mine operation.

Rio Tinto owns 77.8 per cent of Murowa Diamonds, the other 22.2 per cent being held by the independent Zimbabwean company, RioZim (in which Rio Tinto disinvested its interest in 2004). RioZim is listed on the Zimbabwean stock exchange.

Managing director

Zebra Kasete

Manager Business Services

Edward Mazorodze

Find out more:

www.murowadiamonds.com



Reverse core drilling at the Mutamba heavy sands exploration site in Mozambique

Exploration

The purpose of exploration is to discover or acquire mineral resources that add value to our business. Rio Tinto seeks to invest in large, long life, cost competitive mines with the investment decision driven by the quality of the opportunity, not the choice of commodity or location.

From many years of experience in Africa, we know success is secured through proactive, transparent collaboration and communication with our host communities, local government and other key stakeholders.

As with all businesses in the Rio Tinto Group, Rio Tinto Exploration follows the principles outlined in *The way we work*. We never compromise our integrity in order to achieve results, and when we invest, we look for:

- Jurisdictions with political and economic stability or with near-term potential for this to develop;
- A regulatory framework that is transparent, internally consistent and not subject to political or criminal interference; and
- Local partners who share our values and business principles.

In southern Africa, we are currently active in Botswana and Namibia. We are also actively exploring for copper in Zambia. Other African countries in which Exploration has an interest include: Zimbabwe, Mozambique, Gabon and Tanzania.

Rio Tinto Exploration has a long term commitment to finding the best new opportunities in Africa, and working with all stakeholders to realise the benefits these resources can bring.

Our business also is involved in the exploration and investigation of brownfield expansions in the vicinity of our operating mines.

Exploration manager, Southern Africa

Nevan Pillay

Exploration manager, new opportunities, Africa Eurasia

Keith Sims



Rio Tinto's community water project at Benga Village in Tete, Mozambique

Sustainable development

Rio Tinto's Community relations policy states:
"We set out to build enduring relationships with our neighbours that are characterised by mutual respect, active partnership and long-term commitment".

Rio Tinto is committed to contributing to sustainable development. This is not just because it is the responsible approach to managing the Earth's natural resources and to safeguarding the health of the planet for future generations, but because it also makes sound business sense.

Our commitment to caring for the environment, making meaningful and appropriate social and economic contributions in accordance with a strong governance framework is a critical aspect of how we operate our business. We recognise that our access to land, people and capital is underpinned by continued collaboration and commitment to working alongside local communities to address identified issues and improve local life.

Rio Tinto's approach to sustainable development in Africa is practical and pragmatic, and drives the creation of a sustainable development culture. We believe in establishing excellent baseline data in early consultation with communities and stakeholders in a fair and transparent manner. This research may include studies in demographics, skills, income levels, education levels, access to schools, an understanding of banking, informal loans and mining. Our approach to respond to identified needs may involve facilitating the formation and

skills provision for women's groups, crèches and self-regulated chambers and foundations to run projects long after the life-of-mine. Part of our approach is to partner with local stakeholders to alleviate poverty in the communities in which we operate. Enterprise development is key to poverty alleviation and is helping to build a market for world-class small and medium businesses beyond the supply requirements of our operations.

A distinguishing feature of Rio Tinto's approach to sustainable development is that practical tools have been developed and are being applied across Rio Tinto businesses globally. In Africa, innovative programmes have emerged to manage the social, environmental and economic bottom lines of our operations.

Consolidating community investments

The scope and scale of QIT Madagascar Minerals' (QMM) sustainable development programmes have an enormous impact on the Anosy region. The construction of the Ehoala port offsets the lack of public service infrastructure in the Anosy region and helps to facilitate economic growth.

In 2010, QMM created a department of social engineering and sustainable development to consolidate community investments. This department is responsible for QMM's two major community development programmes, the Integrated Development Programme (IDP) and the flagship Fagneva Programme. It also oversees the Mining Foundation, QMM's award winning biodiversity project.



Establishing a solid base

Rio Tinto Coal Mozambique (RTCM) has focused its sustainable development efforts on baseline studies and the collation of data to ensure that its projects are tailored to directly address community needs.

- In 2013 RTCM has worked with the community and the government on a resettlement process for around 400 households. RTCM has constructed brick houses for each family, allocated land for agriculture, provided access to water and electricity. They have also constructed a primary school for 800 pupils, an orphanage, health centre, market, houses for teachers and health staff, plus administrative offices. RTCM is also implementing development projects in Mualadzi to build income generation opportunities for resettled families. These include chicken farming, piggyery, egg production and goat production.
- RTCM has developed significant community initiatives, including health and safety programmes that involve the community as well as the workforce. Partnering in a road safety programme for school age children which has provided road accident prevention information to more than 10,000 students, teachers, drivers and motorcyclists, and a proactive malaria programme is critical in sustaining good health for community members. A partnership with Project CURE and the First Lady of Mozambique has provided US\$2.5million of medical supplies to hospitals in regional Mozambique, including an intensive care unit at Tete Provincial Hospital.
- RTCM has a fully-functional training centre in Tete that is building the skills and capabilities needed locally, not just for employment in the mining industry, but so communities and region are well positioned in the future. Enhanced education and learning will bring opportunity to local communities and the region. 36,131 Mozambicans have registered with RTCM's training centre and over 2,850 individuals have been trained in building and civil trades, IT, fire fighting, first aid, health and safety, engineering apprenticeships, process and heavy mobile equipment operation.
- Similarly, RTCM actively promotes the development of local business. RTCM's spend with Mozambican companies was more than US\$250million in 2012. Programmes at our Business Enterprise Centre in Tete focus on increasing local sourcing and supplier capacity building.

Focus on small business development

Over the years, the Rössing Foundation in Namibia has been responsible for numerous empowerment initiatives in the Arandis constituency, 15 kilometres from Rössing mine. The foundation has developed progressive partnerships to create opportunities for around 7,500 people living in the region.

Working closely with the Arandis Town Council and local suppliers and partners, significant infrastructure has been established in the region, including educational programmes; support for establishing small enterprises; and establishment of banks, a petrol station and various factories manufacturing equipment for the mine. The foundation is also responsible for a host of community support initiatives that supply sponsorships, donations and bursaries to people in the greater Erongo region.

Capacity building in Guinea Simandou

The Simandou project, has worked closely with local community leaders to develop strategies to ensure active participation and support for capacity building initiatives. Research into the needs of the communities identified enterprise development as a core area.

To assist local enterprise, Simandou has provided an enterprise development centre and has improved infrastructure for the provision of water, with 24 new wells being built. Basic healthcare and agricultural projects have also been initiated.

Rio Tinto Alcan

In 2008, Rio Tinto Alcan jointly launched Boké's Capacity Building Programme (PRCB), Guinea's first public - private partnership of its kind. The innovative programme promotes

a decentralised and participatory approach, which is fully aligned with the country's rural and local development policy and its poverty alleviation strategy.

Support for local business woman

Uibasen Cleaning Services was founded in 2007 by Victoria Emma Naoxas and employs local community members, indirectly benefitting some 670 people in Arandis, near Rio Tinto's Rössing uranium mine. Victoria says it all started while she was volunteering at her local library and she couldn't wait for the cleaner to arrive so started cleaning herself. She decided to start her own company to provide cleaning, laundry and car wash services, as well as doing repairs and renovations and managing garden refuse.

Says Victoria: "I started off by cleaning houses and then I got a contract to clean the offices of the Rössing Foundation. The money I saved enabled me to expand by paying for marketing collateral such as business cards, pamphlets and brochures."

But the most important step she took was arranging appointments with the managing directors of the big mines in order to offer her cleaning services. These efforts proved successful as she secured tenders with various mines in the area including Rössing Uranium in 2009.

Her business grew and now Victoria employs around 106 people of which 86 are women.

Victoria is passionate about empowering women and encourages them to enrol in courses that provide the skills they need to start their own enterprises.

Rio Tinto Management Services

Johannesburg

Rio Tinto's support services is located in Johannesburg, South Africa. It houses support functions for operations in Africa, allowing for regional development of specialist teams:

- Information Systems and Technology
- Procurement (buy, source and deliver)
- Shared Services (financial, commercial, facility and administrative services)
- External Affairs and Communications
- People and Organisation Support (human resources management, recruitment, career development, etc)
- Legal
- Exploration and Geology
- Health, Safety and Environment
- Technology and Innovation

Chief adviser : External Affairs - Africa
Marie-Chantal Kaninda

General manager RTMS Johannesburg
Braam Uys

Find out more: www.riotinto.com

Rio Tinto Technology and Innovation

Johannesburg

Africa's Technology and Innovation function consists of Mineral Technology Services (MTS) and the Project Development and Implementation Group (PDI), supporting primarily a number of southern African operations. The function handles various projects, including the implementation of cash flow and net present value improvement projects, the optimisation of the value of major investment projects and supporting the implementation of the Global Operating Model.

MTS is made up of experienced professionals from all the core resource disciplines required in the identification, mining and processing of minerals within Rio Tinto, including geologists, mining engineers, processing engineers, asset management professionals, infrastructural engineers and risk advisors.

MTS also has stewardship of the very successful *"Improving Performance Together"* initiative, a long running programme aimed at fundamentally improving asset management across all business units within Rio Tinto.

Project Delivery Hub managing director, T&I
John Andersen

Developing women

Rio Tinto is focused on developing the women who work for us and those in the communities where we operate.

This approach provides our company with diverse perspectives on operating and growing our business. In addition, our women empowerment efforts strengthen our communities.

Rio Tinto is committed to developing women within the company globally. We have a solid architecture of guidelines to provide equal opportunity for both men and women. Developing women stretches across all stages of a Rio Tinto operation – from exploration through to closure, as well as within areas such as human resources, procurement, health, safety, the environment and communities.

If you would like to contribute to the continued success of one of the world leaders in metal and mineral production, look no further than Rio Tinto.

Applications can be made online at:

http://www.riotinto.com/index_careers.asp





Rio Tinto Graduate Recruitment Programme Africa

As part of our commitment to sustainable development, Rio Tinto has also been involved in establishing libraries, setting up skills centres and building schools.

At a number of our African operations, we have introduced programmes that help our people improve their maths and science capabilities. We believe these subjects, as well as a good understanding of English, provide the gateway to further education in a range of disciplines.

Our graduate programme develops future leaders and specialists in our industry by providing a range of experiences, in addition to structured learning and development. In Africa, we have developed a three tier process for qualifying students.

This begins with a bursary to further education, and is followed by internships, then participation in our graduate development programme.

Bursaries

Rio Tinto provides exceptional, talented individuals with the challenges and the support they need to stretch themselves, establish a career and grow within our organisation. We offer bursaries that are designed to promote diversity and excellence, and that are open to historically disadvantaged students. Undergraduates in engineering (mechanical, electrical, chemical and mining), metallurgy, geology and environmental science, from all universities, can apply for our bursaries.

In some instances, we also award bursaries to students studying business management degrees. These bursaries are valid for the duration of the programme, from their second year of a degree to honours level. The bursary is accompanied by continuous academic performance reviews.

Internships

We provide our bursary holders and other undergraduates with internships. This provides a unique opportunity to identify talent and develop relationships with students, while they are completing their studies, and helps us assess candidates for the graduate development programme.

Vacation work assignments give students the opportunity to experience working at Rio Tinto sites, and helps them decide they want to pursue the career and lifestyle opportunities we offer. We appoint mentors to work with students during their placements.

Rio Tinto careers

We are committed to employee development and wellbeing. We believe in the importance of education, which provides exceptional individuals with resources to stretch their abilities and opportunities to grow within our company. The empowerment of women is equally important to us. We are increasing the number of women in managerial positions within Rio Tinto. If you would like to contribute to the continued success of one of the world leaders in metal and mineral production, look no further than Rio Tinto.

Apply online at:

<http://www.riotinto.com/careers/graduates.asp>

In the navigation panel on the left, click on Start your career, then select Africa.

From here you can access further information on how to apply.

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We can offer you diverse, rewarding and stimulating career opportunities. To find out more, please visit:

www.riotinto.com/careers/graduates.asp

Recognition for Rio Tinto Africa's recruitment campaign

Rio Tinto recently won two awards for our recruitment campaign from the South African Graduate Recruiters Association, a professional association dedicated to connecting and advancing the graduate recruitment industry.

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