TRONOX LIMITED
2013 CORPORATE RESPONSIBILITY REPORT

Positive impact.

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KZN SANDS, SOUTH AFRICA

In early 2013, Tronox bought Shepley Farm, a grower of rose geraniums, adjacent to Tronox's Fairbreeze mine and formed a partnership with the farm's prior owner.

Tronox is the world's largest fully integrated producer of titanium feedstock and TiO_2 pigment. We build value by managing the full extent of our supply chain, from the sands of Australia and South Africa to our pigment plants on three different continents. As economic, social, and environmental factors attract greater attention, Tronox is making sustainability a driving force behind our business operations. Around the globe, we are investing in sustainable technologies and solutions to lessen our environmental impact and lead our stakeholders toward a more promising future.

ABOUT THE COVERS | The cover you see on this copy of the Tronox 2013 Corporate Responsibility Report is actually one of three covers, each featuring a Tronox employee.

Nonhlahla Mthembu at Shepley Farm near Tronox's KZN Sands operations.

Technician *Graham Klaasen* near the primary concentration plant at Tronox's Namakwa Sands operations in South Africa.

Sarah Broomfield, environmental officer-rehabilitation, at Tronox's Northern Operations in Australia.

TABLE OF CONTENTS

Sustainable Leadership, Positive Impact

A strong commitment to sustainable development is inextricably tied to the long-term economic success of Tronox. Accordingly, safety, sound environmental practices, social responsibility, and good governance are leading themes that we have integrated into our business strategy. By delivering on these commitments, we create lasting value for our shareholders, customers, employees, and communities.

Our commitment is rooted in our six Tronox values: health & safety, responsibility, people, teamwork, customers, and results. These principles define our business, and every member of the Tronox team dedicates tremendous time and resources to living, communicating and reinforcing them every day, everywhere we work.

This report details several of our corporate responsibility initiatives and highlights our 2013 sustainability results. It also demonstrates how Tronox is bringing innovative solutions to drive productivity and lessen our environmental footprint.

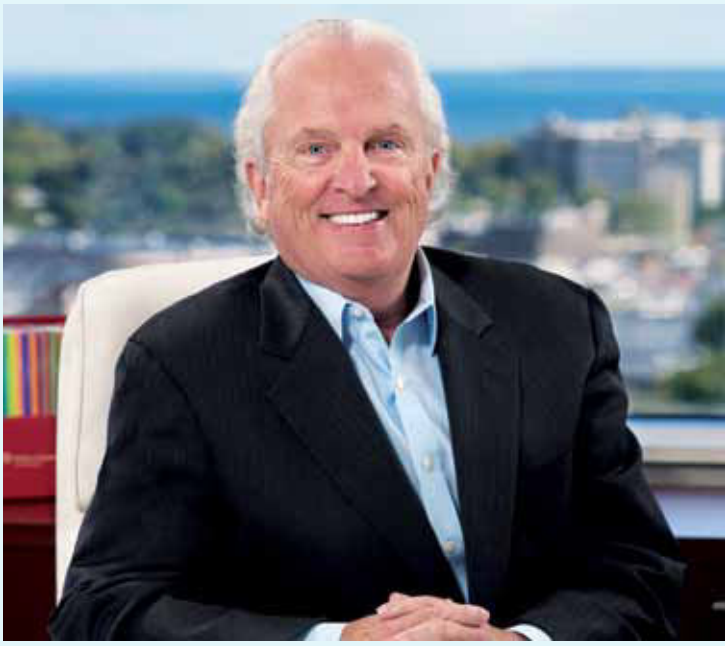
A safe and healthy workplace is our priority. In 2013 we made extensive progress with our Visible Felt Leadership efforts to make risk prevention more deeply ingrained in our culture. But every time there is an accident at one of our facilities anywhere in the world, it serves as a stark reminder of why we put a premium on engaging employees, contractors and leaders in safety awareness and training. Our leadership team understands that safety begins with us, and we have redoubled our commitment to safety culture in 2014.

I believe that our company leadership should – and must – reflect the communities in which we operate as well as our customer base. I also believe that organizations benefit from the better decision making that comes from cultural, racial, and gender diversity. That is why advancing diversity at Tronox is also a priority.

Looking forward, I believe that Tronox is on track to achieve cost structures and operating efficiency levels on par with, or better than, our competitors. As the largest fully integrated producer in the industry, our business model gives us the best opportunity to accomplish those operating goals. We have the internally sourced ore necessary to grow our pigment business and hold costs in check, while growth – inorganic or organic – will only provide greater economies of scale.

Our strong focus on innovation and sustainable practices in the past year also helped advance our business goals and solidified stakeholder trust. We are proud to be a catalyst for positive change in our communities worldwide, a role reflected not only by the $1.85 billion in economic value distributed in 2013 (this figure is calculated using a GRI formula which includes factors such as employee compensation, revenues, donations and other community investments, and payments to capital providers and governments), but by the countless hours Tronox colleagues have devoted to local schools, non-profits and people in need.

Companywide, we have identified five primary areas of environmental focus which reflect the nature and location of our businesses: energy consumption, water use, waste, carbon emissions, and land rehabilitation after mining. Our efforts on these fronts are visible across Tronox. Whether we are reducing energy use by investing in



a co-generation plant at our Namakwa Sands mineral separation plant in South Africa, or eliminating carbon emissions by upgrading oxidizers in our manufacturing processes at our three global pigment production facilities, Tronox is exploring new and innovative ways to lessen our impact on the environment, while continuing our efforts in land stewardship and rehabilitation. We make these investments because we believe it is our responsibility to do so. And, in taking these actions, we bring sustainable operating programs and long-term cost efficiencies to our business that contribute to our overriding business goal.

Executing our long-term goals will require the capital and human resources that many companies are not willing to devote, but at Tronox, it is increasingly part of our DNA. I am confident that we will meet and exceed our corporate responsibility goals through the dynamism and diversity of our 3,600 global employees. Without question, the greatest force for our long-term operational excellence is, and will continue to be, the commitment, accountability, and passion of our employees.

To all of our stakeholders, I thank you on behalf of Tronox for your support. We look forward to working with you to build a sustainable and more prosperous future.

Sincerely,

TOM CASEY, Chairman and Chief Executive Officer

BOTLEK, NETHERLANDS

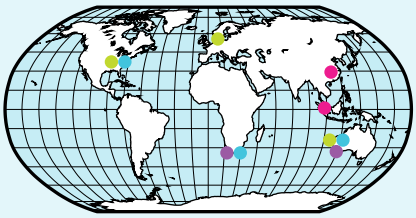
Botlek pigment plant at night

Our Company

With more than 3,600 employees, we supply over 1,000 customers around the world.

We extract heavy minerals from sand deposits at two mines in South Africa, and from another one in Australia. We leave behind the unused sand and replace the top soil to restore the land to its natural habitat. The heavy minerals are separated into zircon, rutile, ilmenite, and leucoxene. The ilmenite is processed into synthetic rutile (SR), titanium slag, low-manganese pig iron, staurolite, and activated carbon. The titanium feedstock (rutile, SR, and titanium slag) is further processed into titanium dioxide (TiO_2) at our chloride-based pigment plants in Hamilton, Mississippi, USA; Botlek, the Netherlands; and Kwinana, Western Australia, Australia. Since we produce more titanium ore than our pigment production requires, we are able to sell the remaining feedstock to third parties along with the zircon, pig iron, staurolite and activated carbon that we produce. Tronox also operates two electrolytic chemical plants at Henderson, Nevada and Hamilton, Mississippi in the USA. Our electrolytic products serve the paper, battery, automotive, and pharmaceutical industries.

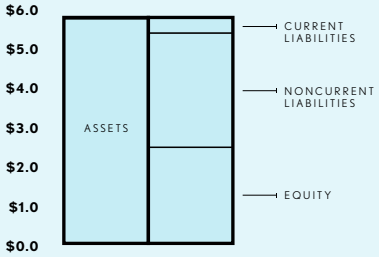
TRONOX LOCATIONS AROUND THE WORLD



CORPORATE OFFICES · REGIONAL SALES OFFICE
PIGMENT & ELECTROLYTIC OPERATIONS
MINERAL SANDS OPERATIONS

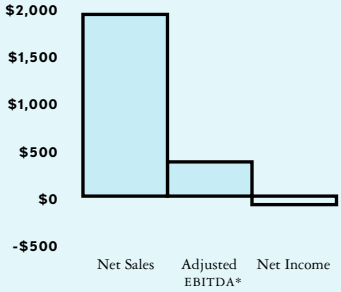
TRONOX BALANCE SHEET
FISCAL YEAR ENDED DECEMBER 31, 2013

in US$ billions



TRONOX FINANCIAL RESULTS
FISCAL YEAR ENDED DECEMBER 31, 2013

in US$ millions



* To provide investors and others with additional information regarding Tronox Limited's operating results, we disclose Adjusted EBITDA, a non-U.S. GAAP financial measure. We believe this measure provides a useful additional view of the company's operating performance by adding interest expenses, taxes, depreciation, depletion and amortization to net income, and excluding items that are either non-cash or non-recurring in nature and are not reflective of ongoing operating results.

ORE RECOVERY: BECOMING BEST IN CLASS

Managing costs at all stages of the production process is essential to running an economically and environmentally sustainable business.

In 2013, under the leadership of Tronox's process technology department in Oklahoma City, USA, the company undertook a series of trials to identify methods to bring the company's pigment plant ore recovery percentages to best-in-class levels. The project offers the potential for millions of dollars in direct yearly savings from using less ore per ton of pigment produced. That also means less waste and less carbon dioxide produced per ton of pigment.

Tronox's ore recovery push is centered on chlorination. During this step, the company feeds titanium ores into a chlorinator where it is reacted with chlorine and petcoke at 1100 degrees Celsius to make titanium tetrachloride ($TiCl_4$). In this process, a portion of the ore is not converted to $TiCl_4$ and it becomes part of the waste stream. Once it gets into the waste stream, the unused ore is difficult to recover and recycle back into the process in a usable form.

"In 2013 we pulled together different ideas and technologies that had been under consideration, and ramped up a series of pilot trials to find out which will be the most effective at recovering and reusing ore that is currently going to waste," said Tony Martin, vice president process technology.

The answer, Ed Crowder, project leader and senior staff engineer, would soon discover, came from Tronox's mineral sands division. The Chandala mineral processing plant in Australia uses a unique enhanced gravity mineral separation and recovery unit to recover zircon. As it turns out, when tested inside the existing ore recovery unit in a pigment plant, this same equipment enables Tronox to recover a higher percentage of the lost titanium ore and separate it from silica and other waste.

Titanium slag

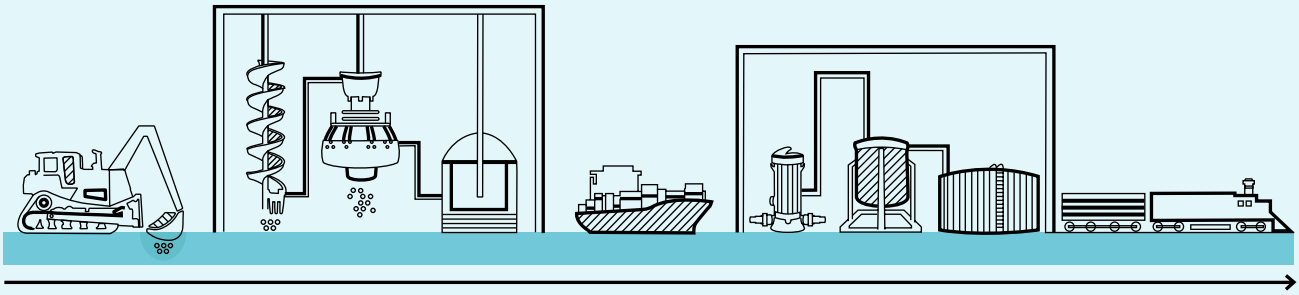
But it's not enough to simply recover the ore; particles that appear as fine as flour must be delivered back into the chlorinator in a form strong enough to stay together and react amid the turbulence and high temperatures inside the chlorinator. The team ran trials and managed success by turning the ore into an agglomerated particle through two processes known as pelletizing and briquetting.

After conducting the trials in 2013, Tronox is gearing up to move ahead with its ore recovery process upgrades. "We have the ability to put Tronox in line with the best in the industry in terms of ore recovery," says Crowder. "It's a great opportunity to deliver on behalf of shareholders and the environment. We're going to get there."

Our Value Chain

FROM EXPLORATION TO FINISHED PIGMENT.

Tronox manages the entirety of the value chain – from the exploration of mineral sands deposits to the finished pigment that our customers add to their products. The combined understanding of mining, beneficiation, and pigment technologies creates a unique opportunity to build the most efficient and effective extraction process in the world. By driving productivity and managing the process from the ground up, we believe that we can achieve not only one of the lowest cost structures in the industry, but also one of the lightest environmental footprints. In addition, the compact nature of our mineral sands business – with our mines in South Africa located near our upgrading facilities – and our fully integrated operations in Australia provide Tronox a major advantage in terms of production per mile traveled.



1. Exploration
2. Mining and rehabilitation
3. Wet concentration
4. Dry mineral separation
5. Upgrading
6. Inbound/outbound logistics
7. Chlorination and purification
8. Oxidation
9. Finishing and surface treatment
10. Outbound logistics

1 | To meet future feedstock needs and take advantage of our vertical integration, Tronox continuously seeks new mine sites through our mineral sands exploration programs in Australia, South Africa and elsewhere. Our most notable project is the development of the Fairbreeze mine at the KZN Sands operation in South Africa. Fairbreeze will serve as a replacement source of feedstock production for KZN's Hillendale mine, which finished production operations in 2013. Depending on the timing of regulatory approval and subsequent construction, Fairbreeze is expected to be operational in the second half of 2015 and have a life expectancy of approximately 15 years.

2 | Tronox performs dredge mining, dry mining, hydraulic mining or a combination of these processes at Northern Operations in Australia, and KZN Sands and Namakwa Sands in South Africa. After mining, the landscape is fully rehabilitated.

3 | The sands extracted from the mines are put through a series of mineral separation processes known as beneficiation. In this first phase, a wet concentrator produces heavy mineral concentrate.

4 | Heavy mineral concentrate is transported to a mineral separation plant (MSP) for dry beneficiation. At the MSP Tronox uses magnetic and electrostatic processes to separate the various minerals. Ilmenite is recovered from the magnetic stream. The non-magnetic stream is separated into conductive and non-conductive streams. Zircon and staurolite are recovered from the non-conductive material, while rutile and leucoxene are produced from the conductive material. In Australia, the MSP is called a dry mill.

5 | Ilmenite is transferred from the MSP to an upgrading site to produce a higher titanium-content ore. In South Africa, lower TiO_2-graded ilmenite is smelted through an electric arc furnace to produce slag. In Australia, higher TiO_2-graded ilmenite is put through a reduction process in a kiln to make synthetic rutile (SR). After the upgrading process is complete, the ore (slag or SR) is ready to be transported to pigment customers.

6 | With assistance from the company's supply-chain management team, Tronox's Mineral Sands sales team works with its Pigment ore sourcing team to determine whether to use the ore internally or to sell it to third parties. Tronox determines the optimal shipping method to meet business needs.

7 | After arriving at any one of three Tronox TiO_2 pigment plants, feedstock is blended to formulate the optimal production mix. It is then processed in a chlorinator to create titanium tetrachloride ($TiCl_4$). Non-valuable minerals and other impurities are removed in a purification process.

8 | $TiCl_4$ is reacted with oxygen to produce raw TiO_2 pigment.

9 | Raw TiO_2 pigment is finished and treated to create saleable finished goods pigment. This phase is where pigment is customized for customer-specific applications according to their unique needs. Differentiators include particle sizes, surface coatings and dry or slurry formulations.

10 | Tronox's supply-chain management team arranges the transport of pigment outbound to customers around the world.

'BUILD TO LAST'

Tronox is a uniquely integrated company that spans the entire chain from mining titanium-rich mineral sands to delivering high-quality finished TiO_2 pigment to our customers. We are building our business to last and deliver sustained value to all our stakeholders.

Our vision for sustainability is anchored in the GRI framework. We are committed to and value a healthy and safe workplace, avoiding negative impacts to the environment, and acting responsibly in our communities. Similarly, we foster a diverse workforce and provide development opportunities for all of our employees. We are collaborating with customers and suppliers to identify opportunities to improve our environmental footprint and improve our efficiency and cost, and we are pursuing innovations in our products and processes so we adapt to changing needs and simultaneously generate long-term economic returns.

In 2013, our first full year as an integrated company, we implemented the internal structures necessary to execute on our strategy for sustainable development, and we developed the capability to collect and analyze sustainability performance data on a global level. We started building the mechanisms to capture and share the creative ideas our people have to make us more sustainable, the programs that deliver better results, and the standards to ensure we act consistently around the globe.

In 2014 we are focusing on strengthening our safety culture and improving our safety leadership behaviors, which is foundational to sustainable and responsible development. We are also focused on optimizing our assets and simultaneously reducing our footprint. Both initiatives are embedded in our Operational Excellence strategy.

Sincerely,

FER KLINCKHAMERS
VP Corporate Sustainability

GOVERNANCE AND ORGANIZATION

Tronox Limited is a public limited company registered under the laws of the State of Western Australia, Australia. The company has corporate offices in Perth, Western Australia, Australia; Stamford, Connecticut, USA; and Sandton, Gauteng, South Africa.

Tronox's business and affairs are managed by a multinational executive management team under the oversight of our Board of Directors, which is comprised of nine members. Three of our Directors are appointed by Exxaro, which is the holder of Class B Shares resulting from the June 2012 transaction in which Tronox acquired 74 percent of its South African mineral sands operations and Exxaro's 50 percent interest in the Tiwest joint venture it had with Tronox in Australia.

The listing standards of the New York Stock Exchange (NYSE), as well as our Corporate Governance Guidelines, require that a majority of our Board of Directors be comprised of independent directors. Our Board has affirmatively determined that six of the nine current directors are independent.

In 2012, the Board of Directors established three committees: corporate governance; human resources and compensation; and audit. Each committee is governed by a written charter. A current copy of each charter is available to our shareholders at www.tronox.com.

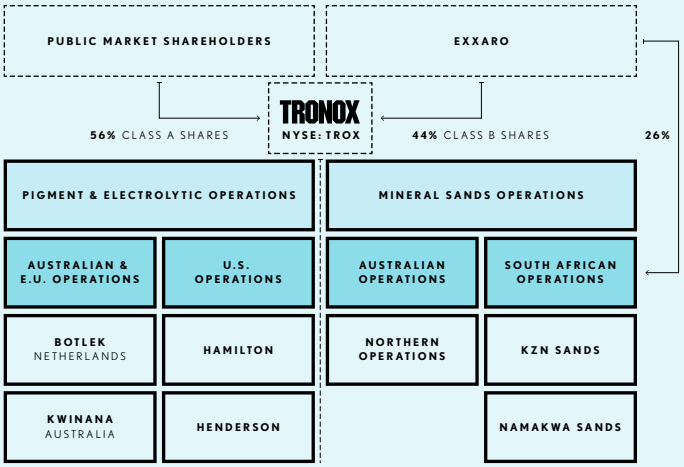
Shareholders who wish to communicate a matter to the Board of Directors, or to any individual member or members of the Board of Directors, should deliver that communication to the company's secretary at Tronox Limited, 263 Tresser Boulevard, Suite 1100, Stamford, Connecticut 06901, USA, with a request to forward it to the intended recipient. In general, all shareholder communications delivered to the company's secretary for forwarding to the Board of Directors or specified members will be forwarded in accordance with the shareholder's instructions. The company's secretary, however, reserves the right not to forward to members any abusive, threatening or otherwise inappropriate materials.

As a company we also foster communications with other stakeholders, which we define as anyone who can affect or be affected by our actions, objectives and policies. Employees are encouraged to communicate their thoughts and comments through appropriate channels within our business, including to managers, unions and work councils, and to confidential hotlines that they can access by dialing a toll-free telephone number from our locations around the world. They may also send information directly to our legal department.

OUR BOARD OF DIRECTORS IS COMPRISED OF THE FOLLOWING INDIVIDUALS:

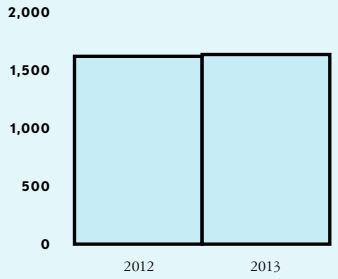
TOM CASEY, Chairman and Chief Executive Officer
DANIEL BLUE, Director (Class B)
WAYNE A. HINMAN, Director
ANDREW P. HINES, Director
PETER JOHNSTON, Director
ILAN KAUFTHAL, Director
WIM DE KLERK, Director (Class B)
SIPHO NKOSI, Director (Class B)
JEFFRY N. QUINN, Director

TRONOX OWNERSHIP AND OPERATING STRUCTURE



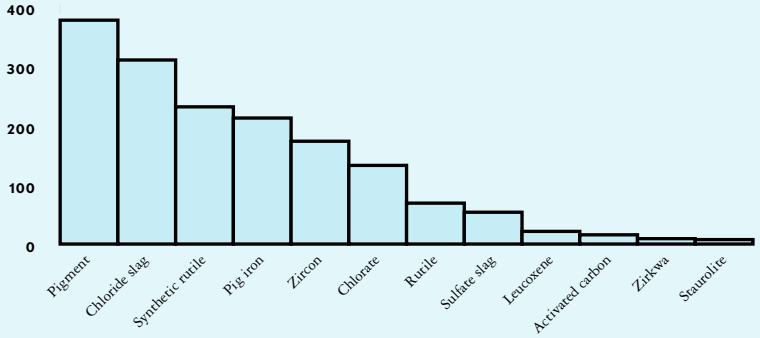
PRODUCTION

in thousands of metric tons

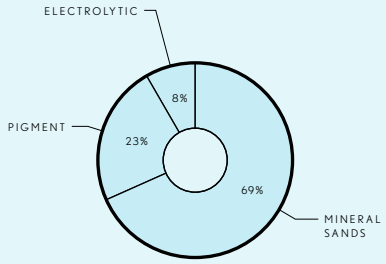


2013 PRODUCTION BY PRODUCT DISTRIBUTION

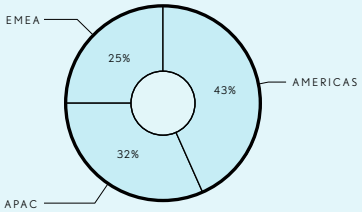
in thousands of metric tons



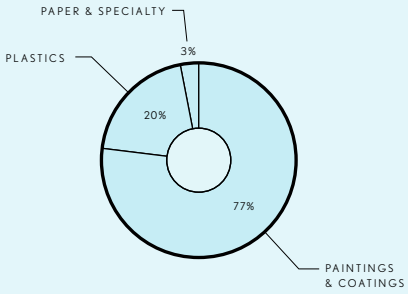
2013 PRODUCTION BY BUSINESS



2013 PIGMENT SALES VOLUME BY GEOGRAPHY



2013 PIGMENT SALES VOLUME BY END-USE MARKET



PRODUCTS

PIGMENT

TITANIUM DIOXIDE (TiO_2) | Titanium dioxide is a white inorganic compound used primarily in the production of paints, printing inks, paper and plastic products. Titanium dioxide has a remarkably high refractive index and exceedingly high reflectance, offering maximum opacity and imparting whiteness and brightness to the products it is used in.

ELECTROLYTIC

SODIUM CHLORATE | Sodium chlorate is used in the pulp and paper industry for bleaching pulp. We believe it is preferred for environmental reasons.

ELEMENTAL BORON/BORON TRICHLORIDE | Elemental boron and boron trichloride are used by the automotive industry in airbags and as a reactant in pharmaceutical production, respectively.

ELECTROLYTIC MANGANESE DIOXIDE (EMD) | EMD is used in the production of alkaline primary (non-rechargeable) batteries. It is also the starting material for making lithium manganese oxide (LMO) which is used in the production of rechargeable batteries.

MINERAL SANDS

RUTILE | Naturally occurring rutile contains a very high titanium concentration and does not need to be upgraded for use in Tronox's titanium dioxide pigment process. Feedstocks with high concentrations of titanium produce less waste at pigment plants and are more efficient. Rutile is also used for the coating of welding rods, and the production of titanium metal.

CHLORIDE AND SULFATE SLAG | Ilmenite is the most abundant titanium mineral in the world. Tronox upgrades ilmenite using a smelting process to create chloride and sulfate slag, which are converted by pigment manufacturers into titanium dioxide.

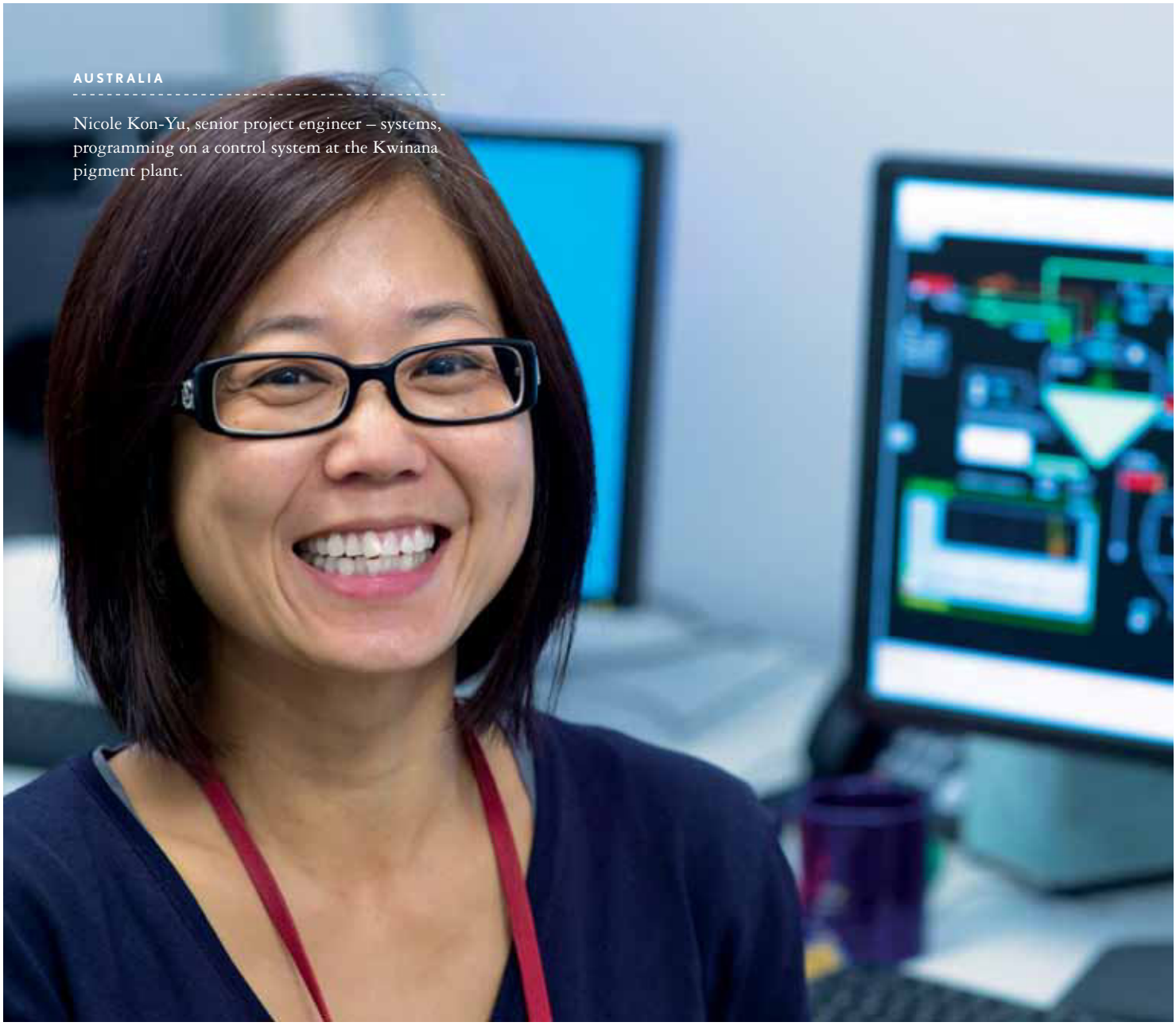
SYNTHETIC RUTILE | Tronox also upgrades ilmenite into synthetic rutile using a rotary kiln. Synthetic rutile has a higher titanium content than chloride or sulfate slag, but not as high as natural rutile.

LEUCOXENE | Leucoxene is a naturally occurring mineral formed through the geological alteration of ilmenite. It is an amorphous iron-titanium oxide mineral that contains high levels of titanium. In addition to its use as a raw material for chloride-process TiO_2 pigment, higher grades of leucoxene are suitable for welding rod flux manufacture.

ZIRCON | Zircon is a primary co-product of heavy mineral sands mining. Zircon is separated from heavy mineral concentrate after being transported to a mineral separation plant or dry mill. A non-magnetic and non-conductive mineral, zircon is used in the production of ceramics, tiles and sanitary ware, refractories, TV screens, computers and a wide range of industrial and domestic products.

HIGH-PURITY PIG IRON | High-purity pig iron is a co-product of the titanium slag smelting process. It is typically low in manganese, phosphorous and sulfur and is sold to foundries as a diluting agent for trace elements and to steel producers for iron units.

ACTIVATED CARBON | Activated carbon is derived as a byproduct of the synthetic rutile reduction kiln in which coal is used as both a fuel and a reductant. Activated carbon is used as an absorbent, decolorizer or deodorizer in water, vapor and gas purification/filtration.



AUSTRALIA

Nicole Kon-Yu, senior project engineer – systems, programming on a control system at the Kwinana pigment plant.

Economic Performance

Our strategy is founded on sustainable growth – realized and recognized over time as increased value for our shareholders, customers, employees, and communities.

Access to our own internally produced feedstock to supply our pigment operations allows us to capture margin in both the upstream and downstream segments of our business. This low-cost business structure, however, does not compromise our commitment to safety and environmental stewardship.

Tronox is committed to long-term profitable growth through investments in existing operations, acquisitions or partnerships, and employee training. In executing this strategy of calculated investments, we create economic opportunity for all of our stakeholders.

In 2013, Tronox distributed $1.85 billion in economic value (as defined by Global Reporting Initiative standards) to local communities worldwide. The company is committed to engaging local business partners – including women- and minority-owned businesses – wherever we operate. We are proud of the continued impact we make as a generator of economic opportunity in the areas that are home to our employees.

INVESTING IN OUR COMMUNITIES: ABALONE FARM GRANT BRINGS OPPORTUNITY TO STRUGGLING SOUTH AFRICAN TOWN

As part of Tronox's commitment to local economic development, we have provided funding for an abalone farm in the small fishing town of Doring Bay near the company's Namakwa Sands operations. The project has been hailed for creating economically sustainable jobs and delivering a much-needed boost to a town where almost 80 percent of the population is unemployed.

Abalone, a shellfish desired for its meat and shells, are farmed for commercial purposes around the world. In conjunction with other partners in the project, Tronox successfully launched the first phase of the initiative in February 2013, with capacity of approximately 20 metric tons of abalone production per annum.

The acute unemployment problem in Doring Bay stems from the 2006 shutdown of a fishing factory that had been the largest employer in the community. The farm was initiated by the Matzikama Municipality and the Doring Bay Community Development Trust. The Western Cape Aquaculture Development Initiative facilitated grant funding of $228,000 (ZAR2.4 million) from the Western Cape Department of Agriculture's Comprehensive Agricultural Support Program. Tronox Namakwa Sands has committed grant funding of $608,000 (ZAR6.4 million) over a period of three years. The successful establishment of this aquaculture project is expected to lead to further investment by others on the west coast, thereby creating many more sustainable jobs and economic opportunity.

Doring Baai Abalone Farm Pty Ltd.'s combined 55 percent Black Economic Empowerment shareholding structure makes it the first black-owned community abalone farm in South Africa, according to Reuben Saul, chairman of the Doring Bay Community Development Trust. The farm already employs 21 people, but expectations are for employment to increase.

ANDRID AFRIKANER places freshly harvested kelp into a tank. Kelp is the staple food for abalone, which are farmed as part of an economic development initiative in Doring Bay which Tronox helped fund.

"This project is well positioned to grow to a 300 metric ton farm that will create 300 direct jobs and 300 indirect jobs in the value chain and is set to eventually help eradicate poverty in Doring Bay and surrounding towns," said Mr. Saul. "As a community development organization we believe that the support provided by Tronox will further influence similar support from elsewhere to grow this farm to its fullest potential."

Local officials have also noted the particular importance of the role that Tronox is playing in the development of the Doring Bay abalone farm. "Not only is this the flagship project of the Matzikama Municipality as it lays the foundation for diversification of the local economy but it also demonstrates the successful partnership between local communities and the private sector which previously in the Matzikama area and elsewhere has been a failure," said Lionel Phillips, integrated development planning manager for the Matzikama Municipality.

REHABILITATION | BACK TO LIFE

At our three mine sites, Tronox is committed to returning mined land to its original condition. Our rehabilitation efforts stem from a deep-seated appreciation for the richness of the land where we operate and the value that it represents to our communities.

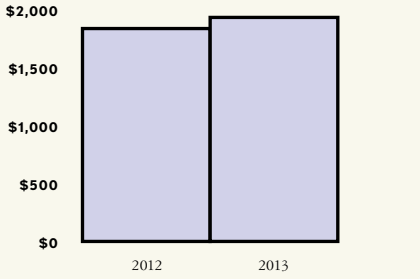
During mineral excavation, the top soil and native plants are carefully removed and preserved. Roughly 5-10 percent of the soil harvested from our mines is useable ore, while the rest of the soil is returned and the landscape is restored as close as possible to its natural form. The area is rehabilitated with the original top soil and either native flora is replanted, or the site is used by local farmers for cash-generating agricultural crops. In 2013, Tronox spent a total $10.4 million rehabilitating 3,883 hectares (9,595 acres) of mined land.

SUGARCANE

Hillendale's 2013 sugarcane crop harvest was a tremendous success, surpassing expectations with 1,062 metric tons delivered to the local Felixton Sugar Mill. This harvest represented a cane yield of 76 metric tons per hectare on the 14 hectares (35 acres) of rehabilitated soil that were planted with 216 metric tons of seed cane at the end of 2012.

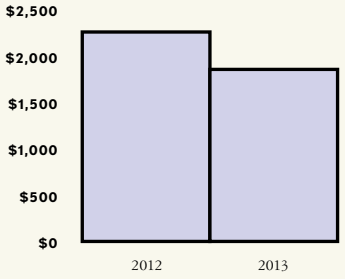
ECONOMIC VALUE GENERATED
EC1

in US$ millions



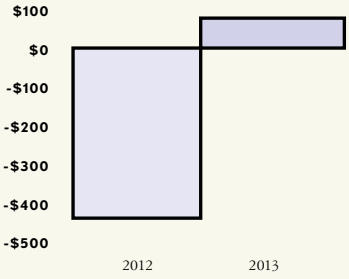
ECONOMIC VALUE DISTRIBUTED
EC1

in US$ millions

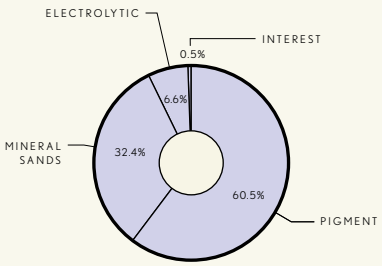


ECONOMIC VALUE RETAINED
EC1

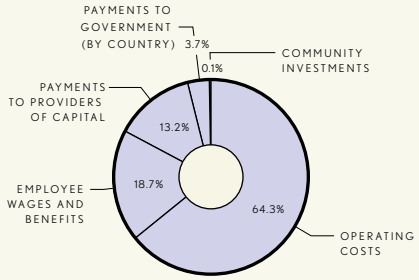
in US$ millions



COMPONENTS OF ECONOMIC VALUE GENERATED 2013 EC1

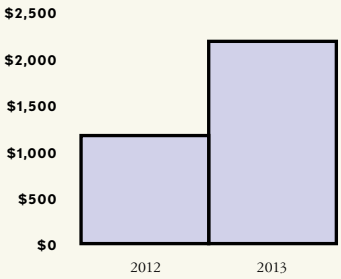


COMPONENTS OF ECONOMIC VALUE DISTRIBUTED 2013 EC1



TOTAL COMMUNITY INVESTMENT
EC1

in US$ thousands



EUCALYPTUS TREES

Although the new Fairbreeze mine at KZN Sands is still under construction, Tronox has already undertaken trials to determine the best methods to reintroduce forestry to the site after it has been mined. In 2013, the company planted 5,600 Eucalyptus trees in the area to test different treatments to improve the physical quality and fertility of the reconstituted soil. The six-month growth measurements, completed in June, yielded promising results which will ensure the complete post-mining rehabilitation of Fairbreeze.

HILLENDALE TRIALS

Agricultural trials took place on a section of the north-eastern part of the storage dam at the Hillendale mine. Approximately 11 hectares (27.5 acres) of the dam's surface were capped with a layer of sand and prepared with different fertilizer combinations before it was planted with Eucalyptus trees and sugarcane. The trial assisted in determining the best way to prepare the area to sustain commercial agriculture or forestry.

SOUTH AFRICA

Boela Bekker, a rehabilitation specialist, rides an eight-wheel tractor at KZN Sands. The eight-wheel tractor reduces ground pressure and damage to soil.

Environmental Performance

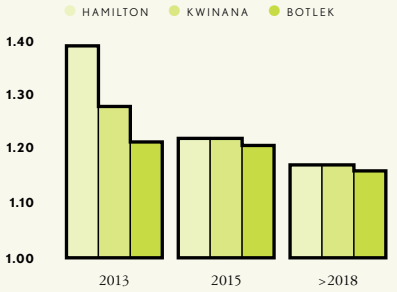
At Tronox, environmentally sound practices go hand-in-hand with our commitment to running a strong, innovative, and efficient global business. Investment in a robust sustainability program is therefore an integral part of our corporate strategy. Tronox's sustainability team has analyzed the environmental impacts of our mining and manufacturing operations, and we strive to continuously improve our performance on the metrics we deem most important given the nature of our business. Goals include:

- Reducing energy consumption per unit of production;
- Reducing water consumption per unit of production;
- Reducing greenhouse gas emissions per unit of production;
- Reducing waste per unit of production; and,
- Rehabilitating and restoring the land affected by our mining operations.

Tronox is accountable for its environmental obligations and we are dedicated to publicly reporting our performance on an annual basis.

GREENHOUSE GAS EMISSIONS IN CHLORINATION

metric tons CO_2/metric tons of TiO_2 produced



IMPROVED CONTROL SYSTEMS CUT GREENHOUSE GAS EMISSIONS

In 2006, Tronox invested in improved chlorination and oxidation control systems at its pigment plant in the Netherlands. Chlorination and oxidation are two critical parts of the TiO_2 conversion process. The increased efficiency of these upgraded systems resulted in an 8 percent decrease in greenhouse gas emissions. The investment also reduced maintenance costs and improved energy efficiency and asset utilization.

Based on the impact of these advancements, in 2013 Tronox performed an instrument gap analysis between its three pigment plants to identify best practices and areas for improvement. As a result, several investments are being made in 2014 to upgrade instrumentation and controls in chlorination and oxidation at all three sites. These modifications enable operators to run our plants more efficiently and with a lower environmental impact. Tronox estimates that the weighted average reduction below 2013 levels in greenhouse gas emissions in chlorination will be 7.5 percent in 2015 and 11 percent beyond 2018.

During chlorination, titanium ore is blended with chlorine and petcoke to form titanium tetrachloride ($TiCl_4$). Tronox's chlorinator uses recycled chlorine from the further-downstream oxidation process, where $TiCl_4$ is reacted with oxygen to produce raw TiO_2 pigment. Inefficiencies in the oxidation process can, however, result in excess oxygen accompanying the recycled chlorine back into the chlorinator.

Chlorinators at Botlek pigment plant

The operating philosophy for the Botlek chlorinators is based on the automated control of petcoke and ore feed. Implementing this standard globally requires investments in instrumentation and controls, as well as in-depth training of operations and maintenance personnel.

The planned upgrades at all our pigment plants illustrate the potential of knowledge sharing leading to environmental and economic performance improvements while simultaneously making an important contribution to sustainable development across the Tronox organization.

"We are dedicated to pursuing operational excellence across the organization, and are proving a willingness to make changes to our processes to perform at the top of our industry," said Ruud Robbe, principal engineer process technology, who has played a leading role in the process implemented at Botlek. "Automation holds tremendous promise for our organization and will make us a more efficient manufacturer of pigment for several years to come."

ENERGY | WASTE BECOMES ELECTRICITY

With South Africa's power grid under continued strain, Tronox has executed a solution to lessen electricity consumption at its smelter in Saldanha. The company commissioned a cogeneration plant in December 2013 that activates a previously under-utilized on-site energy source to trim utility-supplied energy use by a forecasted 15 percent. In addition to relieving demand from an overstretched power system, the project contributes to a cleaner environment, frees up electricity for other sectors of the economy, and makes Tronox a more dependable industrial producer.

The national utility has engaged with its industrial customers to manage demand, encouraging operators to avoid peak hours and run at reduced power when necessary. As one of the largest industrial users of electricity in South Africa's Western Cape region, Namakwa Sands has supported these activities where possible. The cogeneration plant offsets the risk of interrupted operations during periods of peak demand. It also adds a new level of safety to our operations by preventing uncontrolled stoppages of our titanium furnaces resulting from power outages or brownouts.

Construction on the cogeneration plant began in 2012. The plant generates electricity by using the carbon monoxide and hydrogen waste gas from the furnaces. These gases were previously flared to the atmosphere. The plant uses the gas to drive eight General Electric Jenbacher gas engines rated at 1.7MW each.

By cutting electrical output to an estimated approximately 70GWh per annum, the cogeneration plant reduces Namakwa Sands' reliance on the national power grid by 12.5MW.

"The cogeneration facility addresses a critical issue right now for the South African industry and for our communities," said David Southey, general manager at Namakwa Sands. "In one stroke, we have removed significant environmental, safety and production risk while making our operation more sustainable."

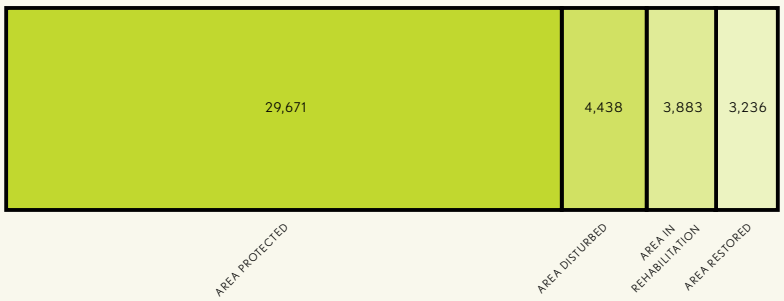
RESTORED HABITATS AT OUR MINES
EN13

area in hectares

	KZN Sands		Namakwa Sands		Northern Operations		Total	
	2012	2013	2012	2013	2012	2013	2012	2013
Area actively mined at year end	18.4	2.3	1,519.3	1,496.9	75.7	51.0	1,613.4	1,550.2
Total area restored during fiscal year	19.6	40.4	279.0	69.0	116.7	102.8	415.3	212.2
Total investment in rehabilitation during fiscal year ($US)	$3,726,000	$3,119,331	$1,926,008	$5,474,275	$2,339,640	$1,761,542	$7,991,648	$10,355,148

LAND USE AT OUR OPERATIONS
EN13

area in hectares



Restoring habitats is a complex task and Tronox actively engages external professionals to develop the best possible solutions and verify the results of restoration measures.

Namakwa Sands collaborates with 'Katdoringvlei Grond Rehabilitasie' (KGR) to re-vegetate, stabilize and maintain rehabilitated areas. At KZN Sands the South African Sugar Research Institute are consulted regularly to provide advice on optimal farming methods and to provide guidance on sugar cane health, management and fertilization regimes. In Australia several partnerships exist between Northern Operations and third parties. For example, Tronox sponsors programs by government as well as non-government organizations that aim to protect or restore the value of Australia's natural environment. Projects to plant local native species in degraded areas or control feral bee populations are supported. In all locations rehabilitation plans and results are closely monitored by regulatory agencies. Tronox provides transparent reporting to allow a good assessment of progress in all stages of rehabilitation.

COMMENTS
EN13

Total area in rehabilitation at year end has increased from 3,455 hectares (8,538 acres) in 2012 to 3,883 hectares (9,595 acres) in 2013. This increase shows that in 2013 overall a larger area was put into rehabilitation than was declared as restored in the same year.

DEFINITIONS:

- Area protected: undisturbed land that remains in its original state. This category definition was adjusted to also include land that is undisturbed but not actively protected.
- Area disturbed: areas that are used during or affected by operational activities
- Area in rehabilitation: former mining or operational areas where top soil has been placed back but where rehabilitation measures (to restore biodiversity) have not yet been completed.
- Area restored: former mining or operational areas where rehabilitation measures have been completed and a specified quality level has been achieved according to pre-determined internal or external standards.

WATER | 'WATER-WISE' IN WESTERN AUSTRALIA

The scarcity of water in arid Western Australia is an ongoing business and sustainability challenge for water-intensive businesses in the region. For the past several years, Tronox's operators in Western Australia have confronted this impediment head-on by implementing a "water-wise business culture." In addition to implementing processes and technology that reduce overall water consumption, Tronox focuses on efficient consumption.

Tronox utilizes different grade waters (e.g., potable, recycled, saline) that are matched to specific functions. By using the right grade water during the various stages of pigment production, the company reduces its demand for the potable water that is used by the surrounding communities. The water-wise culture is reinforced by on-site signs promoting the correct use of water as well as training for new employees in water efficiency.

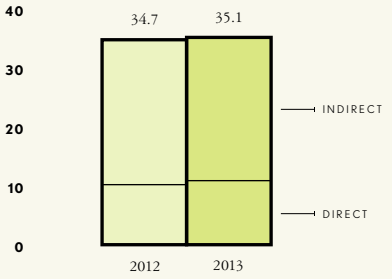
In May 2013, Tronox's Kwinana pigment plant launched the water efficiency initiative competition, soliciting ideas from different business groups. Tronox evaluated more than 30 entries to indentify new ideas that could either be implemented or brought forward for further assessment.

Two projects met the investment criteria and are now progressing at the pigment plant to the next stage. The first is the installation of a brackish water point at the facility's vaporizers for wash-down and quenching purposes, that has the potential to save 8.5 percent of the public-supplied water consumed at Kwinana each year. The second is the installation of additional water hydrants to enable alternatives to scheme water to be used at the required pressure.

In April 2013, Tronox Kwinana was awarded the 'Waterwise Business Silver Award' for achieving an improvement in water efficiency between 25 and 35 percent for the 2011-2012 reporting period.

TOTAL PRIMARY ENERGY USE
EN3 + EN4

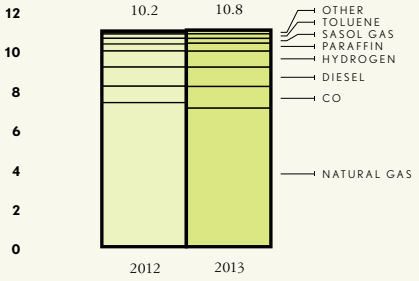
in millions of gigajoules (GJ)



2012 = 21.43 GJ per metric ton of production
2013 = 21.66 GJ per metric ton of production

DIRECT PRIMARY ENERGY USE
EN3

in millions of gigajoules (GJ)



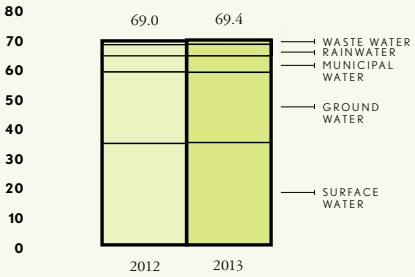
2012 = 6.29 GJ per metric ton of production
2013 = 6.69 GJ per metric ton of production

OBJECTIVE: REDUCE ENERGY CONSUMPTION AND GREENHOUSE GAS EMISSIONS PER UNIT OF PRODUCTION

Improving energy efficiency and reducing carbon emissions are priorities in all of our operations. Specific focus lies on lowering the carbon output of our chlorinators and smelters. In our pigment operations advanced chlorinator control strategies are being implemented that significantly reduce petcoke consumption, a major source of carbon emissions. These control strategies have the potential to reduce the GHG emissions from chlorination by more than 10 percent beyond 2018.

WATER CONSUMPTION
EN8

in millions of cubic meters (m^3)



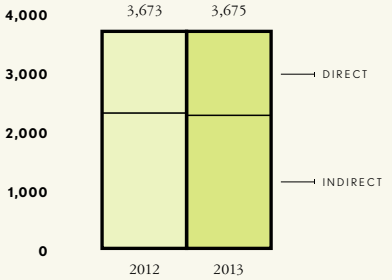
2012 = 42.64 m^3 per metric ton of production
2013 = 42.84 m^3 per metric ton of production

OBJECTIVE: REDUCE WATER CONSUMPTION PER UNIT OF PRODUCTION

Tronox is finding ways to improve water efficiency within our operations, in part by recycling it for other uses. We are also seeking alternatives to using fresh water supply. At our Kwinana pigment plant we are using upgraded waste water from the local industrial complex.

TOTAL $CO_{2,e}$ EMISSIONS
EN16

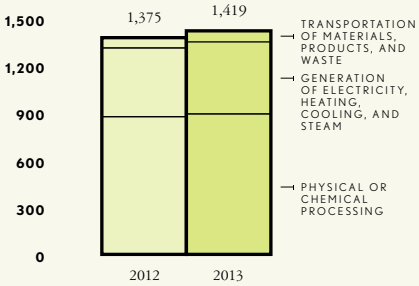
in thousands of metric tons of $CO_{2,e}$



2012 = 2.27 tons of $CO_{2,e}$ per metric ton of production
2013 = 2.27 tons of $CO_{2,e}$ per metric ton of production

DIRECT $CO_{2,e}$ EMISSIONS
EN16

in thousands of metric tons of $CO_{2,e}$



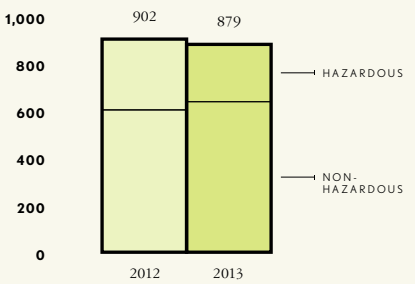
2012 = 0.86 tons $CO_{2,e}$ per metric ton of production
2013 = 0.88 tons $CO_{2,e}$ per metric ton of production

OBJECTIVE: REDUCE WASTE PER UNIT OF PRODUCTION

We believe waste reduction begins with optimizing the use of raw material. Because we are vertically integrated, we can maximize titanium yield across the entire value chain. Options for internal or external re-use of residual products (like acids or solids) are actively pursued. If waste disposal remains the only alternative, then our objective is to do everything possible to transform that material into non-hazardous waste.

TOTAL WASTE PRODUCTION
EN22

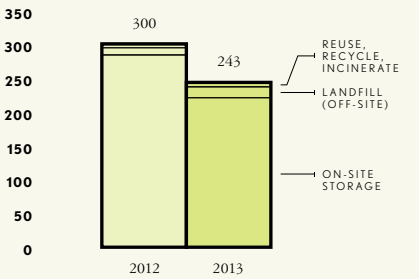
in thousands of metric tons



2012 = 0.56 tons per metric ton of production
2013 = 0.54 tons per metric ton of production

HAZARDOUS WASTE PRODUCTION
EN22

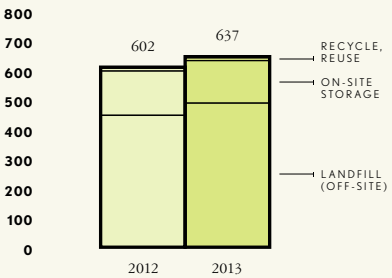
in thousands of metric tons



2012 = 0.19 tons per metric ton of production
2013 = 0.15 tons per metric ton of production

NON-HAZARDOUS WASTE PRODUCTION
EN22

in thousands of metric tons



2012 = 0.37 tons per metric ton of production
2013 = 0.39 tons per metric ton of production

Tronox Values

WE ARE BUILDING A LASTING FOUNDATION FOR GROWTH AROUND A SET OF SIX CORE VALUES – *Health & Safety, Responsibility, People, Teamwork, Customers,* and *Results* – that define our approach to doing business. Our leadership team and our roughly 3,600 global employees dedicate tremendous time and resources to living, communicating and reinforcing these values throughout the business.

Health & Safety

WE WORK SAFELY – ALL THE TIME

We believe passionately that everyone at Tronox should experience a safe and healthy workplace. We proactively identify and manage risk, conduct ourselves responsibly, exercise good judgment and take responsibility for our actions.

Teamwork

WE WILL WIN – AS A TEAM

We collaborate effectively, communicate openly, engage honestly, treat others respectfully, and make informed decisions.

Responsibility

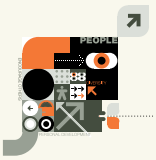
WE CARE FOR OUR ENVIRONMENT AND OUR COMMUNITIES

We are responsible citizens, as a company and as individuals. We are stewards of our environment and active in our communities.

Customers

IT REALLY IS ALL ABOUT THE CUSTOMER

Our collective purpose is to create and sell differentiated and competitive products and services, and to make it easy for our customers – internal and external – to do business with us.



People

PEOPLE ARE OUR MOST IMPORTANT RESOURCE

We create opportunities for development and act intentionally to create a diverse and supportive work environment. Each of us is committed to personal growth and development, embraces change, and learns from our successes and mistakes in order to create a high-performance culture.

Results

WE MEASURE, OWN AND DELIVER RESULTS

We encourage creativity and measure results. We set clearly defined and challenging objectives; we own those objectives, and we deliver results, with a relentless focus on operational excellence. We innovate our processes to continuously deliver better results.

BOTLEK, NETHERLANDS

Bob Kerklaan, safety officer, stands next to a safety sign at Tronox's Botlek pigment plant.

Social Performance

At Tronox, people are our most important resource. Keeping our people safe is at the core of Tronox's corporate culture, and our management team is fully engaged and committed to reinforcing and devoting the necessary resources to reduce risks and ensure a safe workplace across the entire organization.

We believe that diversity and a strong commitment to skills development hold the key to innovation, operational excellence and market growth. We are developing a team of problem solvers from different backgrounds and whose perspectives are shaped by a range of diverse experiences. Tronox empowers its employees with the tools, skills, and open environment needed to contribute their ideas and play an active role in creating and maintaining a safe and healthy work environment.

This investment in learning and development programs is helping members of our team to reach their goals and achieve fulfilling careers. In late 2013, the company developed a core competency framework aligned to our company values which are now the foundation for development programs for all employees. The framework identifies and targets specific employee development needs, while tailoring our training and education offerings on both employee and business levels.

SUPPORTING OUR COMMUNITIES

Since students learn best when they experience something directly, Tronox teamed with Edutrade SA to equip regional schools in communities around its KZN Sands operations with mobile science laboratories tailor-made to complement the current high school science curriculum.

The kits were delivered to 12 schools following a full-day training session for teachers. They consist of a fully equipped mobile table for the teacher, smaller science boxes for the students, and manuals for both teachers and students. The kits include equipment such as electrodynamics apparatus, circuit boards and microscopes with illuminators.

The mobile science kits are manufactured locally and represent Tronox's mission to empower people beyond the company's walls. In addition, Tronox is funding the replacement of consumables for the schools, such as chemicals. "We are adding value to local communities and ensuring young people have the skills and resources to succeed," said Annalien Fouché, sustainable development manager at Tronox KZN Sands.

ANNALIEN FOUCHÉ, sustainable development manager at Tronox KZN Sands, explores the new science equipment with pupils from a high school near KZN Sands.

BOTLEK GAINS INSPECTION CREDENTIALS

On December 17, the inspection department of the Tronox pigment facility in Botlek received certification as "User Inspectorate," validation for the crucial role the team plays in ensuring the plant's safety and mechanical integrity. The new certification will cut costs at the plant and lead to a more efficient operation through increased flexibility in scheduling and by preventing production downtime.

Tronox's pigment facilities contain equipment and piping that operates under high pressure. In addition, fluids and substances in the technical installations are highly corrosive and erosive, causing degradation of the equipment. When this degradation is not sufficiently monitored it becomes a threat to the integrity and safety of the plant. Given the high risk involved, Tronox goes to great length to inspect equipment and take preventive action. With approximately 2,500 unique inspection tasks, the inspection program is an important and integral part of the safety management process.

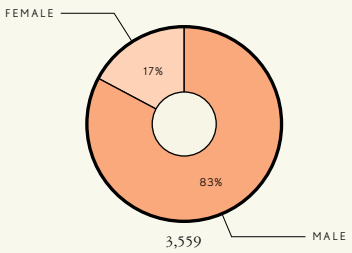
Lloyd's Register, which has previously supervised all inspections, recommended that Tronox get its inspection department certified as a user inspectorate. This certification provides authorization for Tronox to carry out on its own a substantial part of the company's inspections on the Botlek plant's pressure equipment, freeing the operation from the often long-lead times associated with hiring a Lloyds inspector.

To get certified Tronox had to rewrite all procedures and work instructions and integrate the new work process in the company's SAP system. When this was completed, Lloyd's Register conducted a series of audits to prove that Tronox could bring all theory into a practical working solution. The results of this audit led to a 'recommendation for certification' of our user inspectorate.

"Plant integrity is at the very core of our commitment to protect our people, the communities we operate in and the environment," said Patrick Kats, coordinator, reliability & integrity, who leads the Botlek inspection department. "We continuously improve our knowledge and skill base to control the phenomena that can threaten that integrity. Our goal is to prevent any breach. This certification marks another major step in demonstrating that we are ready for today's and tomorrow's challenges."

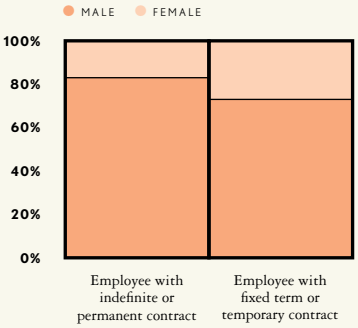
EMPLOYEES BY GENDER LA1

as of December 31, 2013



EMPLOYEES BY EMPLOYMENT CONTRACT AND GENDER LA1

as of December 31, 2013



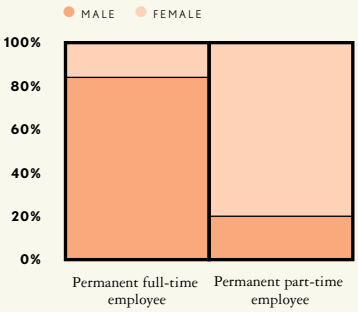
OBJECTIVE: FOSTER A DIVERSE WORKPLACE

Focused efforts to develop talent and create new opportunities for our employees resulted in substantial improvements in our 2013 performance indicators:

- Female headcount (permanent and temporary/ fixed term) increased by 5.7 percent
- The number of minority/ Historically Disadvantaged South Africans (HDSA) employees at professional / middle management levels as well as at senior management / executive levels increased by 16 percent and 20 percent, respectively
- The number of women at senior management or executive levels increased by 40 percent

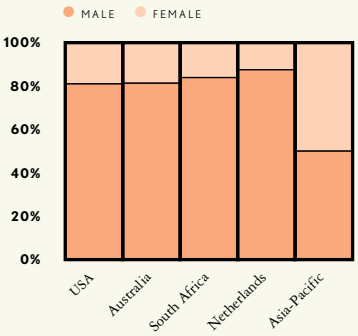
EMPLOYEES BY EMPLOYMENT TYPE AND GENDER LA1

as of December 31, 2013

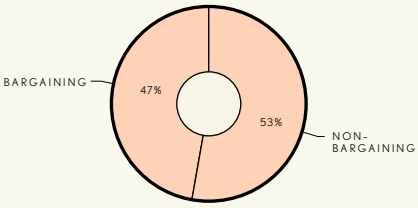


EMPLOYEES BY REGION AND GENDER LA1

as of December 31, 2013

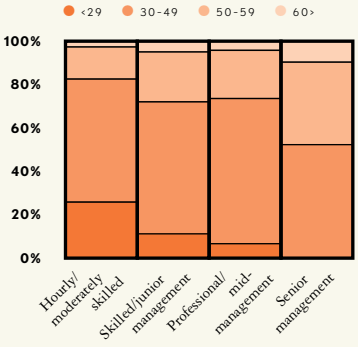


% OF EMPLOYEES COVERED BY COLLECTIVE BARGAINING AGREEMENTS LA4



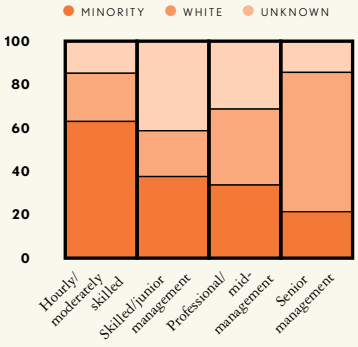
WORKFORCE REPRESENTATION BY AGE LA13

as of December 31, 2013



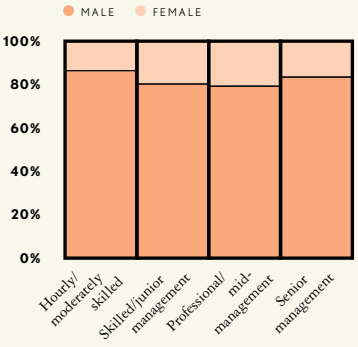
WORKFORCE REPRESENTATION BY MINORITIES LA13

as of December 31, 2013



WORKFORCE REPRESENTATION BY GENDER LA13

as of December 31, 2013

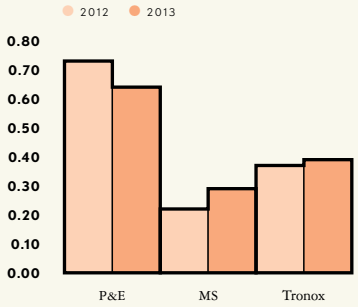


TRONOX 2013 LOCAL COMMUNITY ENGAGEMENT, IMPACT ASSESSMENTS AND DEVELOPMENT PROGRAMS SO1

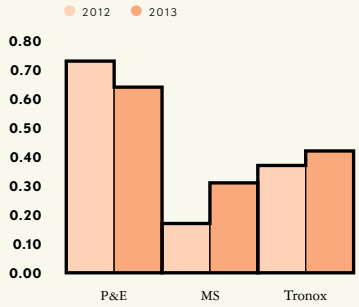
● Fully implemented ◗ Partly implemented ○ Not implemented

	Mineral Sands Division			Pigment & Electrolytic Division			
	Namakwa	KZN	Northern Ops	Kwinana	Botlek	Hamilton	Henderson
Social impact assessments, including gender impact assessments, based on participatory processes	●	●	○	●	◗	◗	◗
Environmental impact assessments and ongoing monitoring	●	●	●	●	●	●	●
Public disclosure of results of environmental and social impact assessments	●	●	●	●	◗	◗	●
Local community development programs based on local communities' needs	●	●	●	◗	●	●	●
Stakeholder engagement plans based on stakeholder mapping	●	●	●	●	○	○	○
Broad-based local community consultation committees and processes that include vulnerable groups	●	●	◗	●	●	●	●
Works councils, occupational health and safety committees and other employee representation bodies to deal with impacts	●	●	●	●	●	●	●
Formal local community grievance processes	●	●	●	●	●	○	○

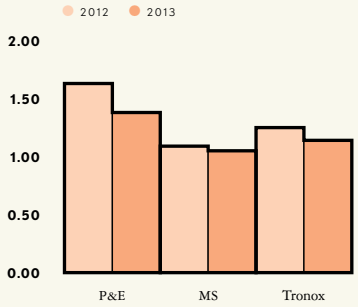
DISABLING INJURY RATE (EMPLOYEES & CONTRACTORS) LA7



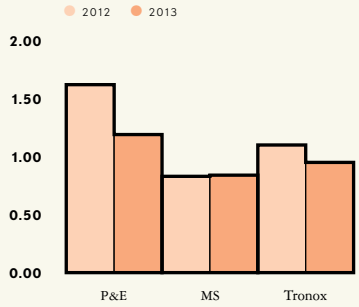
DISABLING INJURY RATE (EMPLOYEES ONLY) LA7



TOTAL INJURY RATE (EMPLOYEES & CONTRACTORS) LA7



TOTAL INJURY RATE (EMPLOYEES ONLY) LA7



OBJECTIVE: MAINTAIN A SAFE WORK ENVIRONMENT FOR OUR PEOPLE

Tronox applies the following definitions to calculate its safety statistics:

- Disabling Injuries are the total of Fatalities, Lost Time Injuries (the injured employee misses at least one day of work) and Restricted Work Injuries (the employee cannot perform his designated job). The frequency rate (DIFR) is calculated per 200,000 hours worked.
- Total Injuries are the sum of Disabling Injuries and Medical Treatment Cases. The frequency rate (TIFR) is calculated per 200,000 hours worked.

Our TIFR improved in 2013, but our DIFR did not. Our Mineral Sands division had a particularly challenging year in 2013, as a fatality and serious injury occurred at our KZN Sands processing plant. We have mourned the tragic loss of life and taken a number of measures to prevent re-occurrence. In 2014 we will be implementing a concerted program across all of our operations to improve safe behaviors and further develop an effective safety culture.

Tronox also maintained a strong performance in preventing occupational health illnesses, with no new cases recorded in 2013. Another important milestone was our Hamilton plant's recertification for OSHA's Volunteer Protection Programs (VPP), confirming its 'star' performance level. Hamilton has been in the VPP since 1990. The program recognizes organizations which have implemented effective EHS management systems and which perform better than the industry sector in general. The 'OSHA star' is a true shop floor award: active participation of both employees and contractors is key to obtaining good safety outcomes.

INJURIES
LA7

	Tronox Overall									
	2012					2013				
	P&E		MS			P&E		MS		
	Employees	Contractors	Employees	Contractors	Total	Employees	Contractors	Employees	Contractors	Total
Fatalities	0	0	0	0	0	0	0	1	0	1
Lost time injuries	4	1	3	5	13	3	3	6	5	17
Restricted work injuries	5	3	1	0	9	5	1	0	0	6
DISABLING INJURIES	**9**	**4**	**4**	**5**	**22**	**8**	**4**	**7**	**5**	**24**
Medical treatment injuries	11	5	15	21	52	7	7	12	20	46
TOTAL INJURIES	**20**	**9**	**19**	**26**	**74**	**15**	**11**	**19**	**25**	**70**

GRANT ROGERS *(left)*, apprentice electrician, and **DAVID WALDOCK**, electrical maintainer, work on a circuit breaker at Northern Operations in Australia. During 2013, the operation implemented its new "permit to work" system. The electronic permitting and risk assessment system blocks attempts to shortcut any steps in the safe work process by identifying and rooting out hazards before a permit to perform work on equipment is issued.

"Our goal was to improve the way that we go about risk assessment and isolations while improving permitting," said Laura Curry, environmental officer, who served as risk and systems advisor for the project. "This project has seen a significant improvement in the way all three are done with a huge opportunity to further develop the system and achieve more."

South African Mining Charter Scorecard

Element	Description	Measure	Weighting	Compliance target by 2013	KZN Sands performance 2013		Namakwa Sands performance 2013		Compliance target by 2014
1 REPORTING	Has the company reported level of compliance with the Charter for the calander year	Documenmtary proof of receipt from the department	Y/N	100%	100.0%		100.0%		Annually
2 OWNERSHIP	Minimum target for effective HDSA ownership	Meaningful economic participation	Y/N	26%	30.8%		31.1%		26%
		Full shareholder rights	Y/N	26%	30.8%		31.1%		26%
3 PROCUREMENT	Procurement Spent on BEE entity	Capital Goods	5%	30%	60.2%		38.4%		40%
		Services	5%	60%	32.8%		58.7%		70%
		Consumable Goods	2%	40%	30.1%		55.6%		50%
	Multinational suppliers contribution to social fund	Annual spend on procurement from multinational suppliers	3%	0.5%	0.0%		0.0%		0.5%
4 EMPLOYMENT EQUITY (EXCLUDING WHITE FEMALES)	Diversification of the workplace to reflect the country's demographics to attain competitiveness	Top Management	3%	35%	40.0%		40.0%		40%
		Senior Management	4%	35%	37.5%		50.0%		40%
		Middle Management	3%	40%	43.6%		52.1%		40%
		Junior Management	1%	40%	64.8%		70.0%		40%
		Core Skills	5%	35%	92.1%		51.6%		40%
5 HUMAN RESOURCES DEVELOPMENT (EXCLUDING WHITE FEMALES)	Development of requisite skills, incl. support for South African-based research and development initiatives intended to develop solutions in exploration, mining, processing, technology efficiency (energy and water use in mining), beneficiation as well as environmental conservation	HRD expenditure as percentage of total annual payroll (excluding mandatory skills development levy)	25%	4.5%	6.3%		2.3%		5%
6 HOUSING AND LIVING CONDITIONS	Conversion and upgrading of hostels to attain the occupancy rate of one person per room.	Percentage reduction of occupancy rate towards 2014 target of one person per room	Y/N	100%	NA		NA		100%
	Conversion and upgrading of hostels into family units	Percentage conversion of hostels into family units	Y/N	100%	NA		NA		100%
7 MINE COMMUNITY DEVELOPMENT	Conduct ethnographic community consultative and collaborative processes to delineate community needs analysis	Implement approved community projects	5%	Up-to-date project implementation	100.0%		100.0%		Up-to-date project implementation
	Project implementation	Percentage of Net Profit After Tax (NPAT) spent on community development	10%	1%	2.26%		0.46%		1%
8 SUSTAINABLE DEVELOPMENT AND GROWTH	Improvement of the industry's environmental management	Implementation of approved Environmental Management Programmes (EMPs)	12%	Annual progress achieved against approved EMPs	100.0%		100.0%		100%
	Improvement of the industry's mine health and safety	Implementation of tripartite action plan on health and safety	12%	Annual progress achieved against commitments in tripartite action plan	66.7%		66.7%		100%
	Utilisation of South African based research facilities for analysis of samples across mining value	Percentage of samples in South African facilities	5%	75%	100.0%		99.6%		100%

About This Report

This is the second corporate responsibility and sustainability report prepared by Tronox Limited. We recognize the interest our stakeholders, including employees and prospective employees, investors, customers, suppliers, communities, governments and regulatory bodies, and nongovernmental organizations, have in the direction, performance, and behavior of our company, and we are pleased to share our progress. Tronox applies the Global Reporting Initiative's (GRI) reporting framework to present its sustainability performance, which is a generally accepted framework for reporting on an organization's economic, environmental, and social performance. We have utilized version 3.1 of the GRI Sustainability Reporting Guidelines to document our activities and results for the calendar year 2013. Our approach is based on the objectives summarized by the GRI: "Sustainability reporting is the practice of measuring, disclosing, and being accountable to internal and external stakeholders for organizational performance toward the goal of sustainable development. A sustainability report should provide a balanced and reasonable representation of the sustainability performance of a reporting organization – including both positive and negative contributions."

Tronox started its corporate responsibility reporting in 2012, following the combination of our mineral sands division, which mines and processes ore, and our Pigment & Electrolytic operations, which processes chemicals. Despite the difference in operational activity, both parts of our business share common sustainability priorities. In 2013, we took additional steps to strengthen the foundation for sustainable development and develop a common strategy toward our goals. Two important milestones were the appointment of a corporate sustainability officer and the establishment of an internal sustainability council to serve as the governing body for the company's sustainability vision, strategy and direction. This council includes key members of the company's executive team, including the CEO. Its responsibilities cover the total spectrum of our sustainability framework, including social, environmental, economic, and governance & engagement.

At the end of 2013 we ceased active mining operations at our KZN Sands Hillendale mine in KwaZulu-Natal, South Africa, and began full scale rehabilitation efforts. We have begun construction activities at our new Fairbreeze mine in the same region. Titanium ore, zircon and other minerals mined at Fairbreeze will replace ore previously sourced from Hillendale. We believe the Fairbreeze mine, which will preserve more than 1,000 permanent and contractor positions and generate an additional 1,000 indirect jobs, will bring significant economic benefits to the KwaZulu-Natal region of South Africa. Out of an expected $365 million in capital expenditures, we anticipate spending approximately $50 million on services and products, more than half of which will go to black economic empowerment (BEE) companies. The development of infrastructure for Fairbreeze, such as a new electric power substation and water pipeline, will also benefit the region. Post-mining rehabilitation of the site will support tourism, land preserves for ecological research, and agriculture.

In preparing this 2013 report, we focused on procedures to validate the accuracy of data we report and the consistency of the data definitions we use. We have refined our internal measurements and calculations to ensure they are fully aligned with GRI definitions and that all entities in Tronox report on the same basis. Prior-year numbers were re-calculated where necessary, so that the most accurate comparison between our 2012 and 2013 performance can be made.

Compared to the 2012 report, some of the more significant adjustments include:

ENERGY CONSUMPTION

- The introduction of a method to calculate internally generated carbon monoxide (CO) that is captured for energy recovery
- Corrected numbers for hydrogen and diesel consumption
- The inclusion of electricity and steam sold (which are subtracted from total energy use) in our calculations
- The use of primary energy in the calculation of indirect energy consumption (purchased electricity and steam)

WATER CONSUMPTION

Refinements to the water use category definitions has led to some movement in reported numbers, but with no material change to the total reported number for water consumption.

LAND USE

Refinements to land use area category definitions has also led to some movement in reported numbers. New categories were added to better present land use activities and to (a) make a clear distinction between the various phases of land use and (b) enable accurate comparison of activities between locations.

WASTE GENERATION

Analysis of waste streams among the Pigment & Electrolytic and Mineral Sands divisions, as well as regulatory requirements, has led to a better understanding of how best to categorize waste. We have determined that a substantial amount of waste previously reported as hazardous material should have been classified as non-hazardous. Local legislation has been driving the classification of our waste. For example, solid residue from chlorination in Kwinana (Australia) was previously reported as "hazardous" because it is stored in a landfill facility that is classified to handle hazardous waste. This solid residue, however, is non-hazardous, and has been re-categorized as such in this year's report.

We believe that the level and quality of the data we report, combined with required GRI Standard Disclosures, enables Tronox to declare that this report complies with the GRI "C" Application Level. As we move forward we will use these data to set targets for further improvement. At the same time we will continue to work on our reporting and analysis capability to provide a fair representation of our performance and to support our decision-making on material aspects.

If you have questions or are interested in obtaining more information regarding Tronox's sustainability program, please direct your inquiries to Tronox Limited's Corporate Communications Department (see back cover for details).

GRI Index

1	**STRATEGY AND ANALYSIS**	
1.1	Statement from the most senior decisionmaker of the organization	1
2	**ORGANIZATIONAL PROFILE**	
2.1	Name of the organization	6
2.2	Primary brands, products, services	5, 7
2.3	Operational structure of the organization	6
2.4	Location of organization's headquarters	6
2.5	Where the organization operates	2, 3
2.6	Ownership and legal form	6
2.7	Markets served	2, 4–5, 6–7
2.8	Organizational Scale	3, 20
2.9	Significant changes during the reporting period	24
2.10	Awards received in the reporting period	15,21
3	**REPORT PARAMETERS**	
3.1	Reporting period	24
3.2	Date of any prior reports	24
3.3	Reporting cycle	24
3.4	Contact point for questions regarding the report	24
3.5	Process for defining report content	1, 6, 24
3.6	Boundary of the report	2–3, 6, 24
3.7	Limitations on scope of the report	24
3.8	Basis for reporting that can significantly affect comparability	24
3.10	Restatements	24
3.11	Significant changes from prior reports	24
3.12	Report Index	25
4	**GOVERNANCE, COMMITMENTS, AND ENGAGEMENT**	
4.1	Governance structure	6, 24
4.2	Chair of the Board of Directors	6
4.3	Board composition	6
4.4	Communications with the Board of Directors	6
4.14	Key Stakeholders	24
4.15	Basis for identifying/selecting stakeholders	1, 24
5	**MANAGEMENT APPROACH AND PERFORMANCE INDICATORS**	
	ECONOMIC PERFORMANCE INDICATORS	
	ECONOMIC PERFORMANCE	
EC1	Direct economic value generated and distributed	11
	ENVIRONMENTAL PERFORMANCE INDICATORS	
	ENERGY	
EN3	Direct energy consumption by primary energy source	16
EN4	Indirect energy consumption by primary energy source	16
	WATER	
EN8	Total water withdrawal by source	16
	BIODIVERSITY	
EN13	Habitats protected or restored	15
	EMISSIONS, EFFLUENTS, AND WASTE	
EN16	Total direct and indirect greenhouse gas emissions by weight (excluding fugitive emissions)	16
EN22	Total weight of waste by type and disposal method	16
	SOCIAL PERFORMANCE INDICATORS	
	EMPLOYMENT	
LA1	Workforce by employment type, employment contract, and region, broken down by gender	20
	LABOR/MANAGEMENT RELATIONS	
LA4	Percentage of employees covered by collective bargaining agreements	20
	OCCUPATIONAL HEALTH AND SAFETY	
LA7	Rates of injury, broken down by division	21
	DIVERSITY AND EQUAL OPPORTUNITY	
LA13	Breakdown of employees per employee category according to gender, age group and minority group membership	20
	LOCAL COMMUNITIES	
SO1	Local community engagement	20

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