DOING THE RIGHT THING STARTS WITH

INNOVATIVE

WASTE MANAGEMENT SOLUTIONS

INTERWASTE
environmental solutions

CONTENTS

ABOUT US

Interwaste is the leading waste management business across Africa. We deliver solid customer service through our integrated, cross-platform approach and are committed to leading the market in waste management. We pride ourselves in innovative waste management solutions that are backed by global best practice. Interwaste (Pty) Ltd is a member of Interwaste Holdings Limited, listed on the Johannesburg Stock Exchange.

OUR VISION

We're dedicated to securing the future viability of Southern Africa through a holistic approach to waste management. Interwaste and our group of companies strive for cost-effective, global best practice and environmentally friendly waste management solutions that meet varying customers' waste requirements. We are an agile, trustworthy, passionate and effective organisation.

OUR MISSION

Interwaste is at the forefront of waste management technology. We have developed a platform for market innovation and a superior knowledge of our customers and their needs. We strive to remain an industry leader and supply alternative waste management opportunities for corporate South Africa's waste streams.

OUR GOALS

- Remain at the forefront of technology for the industry.
- Continue to grow, both organically and through strategic acquisitions.
- Actively participate in the transfer of skills to the historically disadvantaged.
- Increase shareholder value.

OUR PARTNERSHIPS

We believe that mutually beneficial partnerships are a crucial element in creating long-term growth and business sustainability.

By ensuring that our customers' waste management process is cost-effective, efficient and sustainable, we are able to form relationships based on trust, where our customers know that we will do what we say we will.

INTEGRATED WASTE MANAGEMENT

Our service offering

We provide a holistic, integrated and accountable waste management system that meets the needs of each individual customer. Each solution is compliant with changing waste management legislative requirements. These services include the management of waste streams from point of generation to final disposal and are underpinned by a waste hierarchy which guides the way in which waste should be treated and disposed of.

This hierarchy forms the basis of every operation and ensures cost savings, reduction in environmental impact and sustainable operations. Interwaste comprises of numerous operational divisions, each considered experts in their field. The synergies that exist between these divisions allow us to be a holistic environmental services provider.

LEGAL COMPLIANCE

Legislation demands that strict principles are adhered to by the South African waste management industry. Our team of highly qualified experts are well versed and up to date on the very latest changes and updates to legislation pertaining to the waste management sector. In doing so, we are able to ensure that our clients remain at the forefront of legal compliance, by providing them with sound advisory services where environmental legislation is concerned.

South Africa's environmental legislation and operational guidelines are world class and are often used as the basis for the development of similar structures by other countries. This framework provides 'Guidelines to Minimum Requirements' that stipulate the principles that govern the wide-ranging technical specifications and best practice parameters of Integrated Waste Management policy, including:

WASTE MINIMISATION

RECYCLING

TREATMENT

DISPOSAL

These aspects guide the industry towards a holistic, sustainable position.

Our business is governed by legal frameworks and we are committed to consistently meeting such requirements in all aspects of our business operations.*

*Interwaste has TUV and OHSAS accreditation. Both are internationally recognised institutions, confirming that Interwaste operates at high international standards.

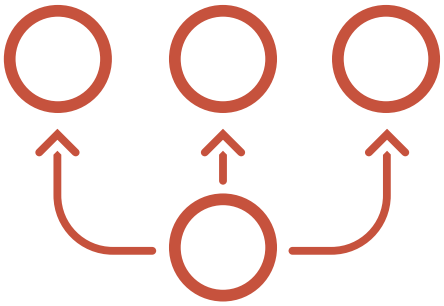
Interwaste Executive Management Team

TECHNICAL SERVICES

Interwaste has developed the most comprehensive and SANAS accredited waste assessment laboratory in South Africa. As of 23 August 2016, all waste generators will be required to assess their landfill waste at laboratories that are SANAS accredited.

At Interwaste, we classify waste through our on-site, state-of-the-art laboratories, with the support of our technical teams' innovative processes that set us apart, by allowing us to offer our clients an integrated waste management solution. Having these facilities in place also results in requests to demonstrate our expertise to external parties.

As part of our full-service offering, the organisations within the waste management space has a range of technical services, which include:



WASTE CLASSIFICATION AND SEPARATION

This is the process whereby discarded material is identified and organised according to class, to ensure the proper disposal thereof. The National Department of Environmental Affairs (DEA) has developed new Waste Classification and Management Regulations, where waste is assigned into nine hazard classes, with further expansion on the criteria for toxic and infectious substances. This is in alignment to both local and global best practice. Interwaste can assist in the accurate classification of waste (based on the guiding principles) to ensure the correct disposal of waste.

Interwaste's laboratory is specifically designed to assess wastes, not only for landfill disposal, but for the vast array of alternatives that we offer - such as:

- Waste Fuel assessment
- Effluent Treatment assessment
- Metals Recovery
- Fertiliser assessment
- Suitability for Anaerobic Digestion
- Biodegradability for Bioremediation
- Solvent Recovery
- Brine Treatment

Our analytics team members are SASAS accredited technical signatories, and regularly compete in proficiency testing through local and international laboratories, with excellent results.

Our targeted approach is to provide environmentally sound solutions for our clients to ensure a rapid turnaround with meaningful results.

Interwaste Germiston Sample Testing Laboratory

ON-SITE SERVICES

With the latest in equipment and facilities, as well as expert manpower, our qualified on-site personnel ensure that all waste is separated correctly at the manufacturing source, and ensure that the reduction of costly cross-contamination of hazardous and non-hazardous waste streams is avoided, and operations streamlined.

With the latest in equipment, plant, depots and facilities, as well as expert management and operational systems, we ensure the highest levels of efficiency and unsurpassed service. The provision of qualified site personnel ensures that all waste is separated correctly, prior to being recovered and/or finally disposed of.

Our dedicated on-site waste management division is responsible for all aspects of Integrated Waste Management, including:

SITE MANAGEMENT AND ON-SITE PERSONNEL

WASTE IDENTIFICATION AND SEPARATION

WASTE MINIMISING

MAXIMISING RESOURCE RECOVERY

THE PROVISION OF ACCURATE ENVIRONMENTAL REPORTING (TRIPLE-LINE REPORTING)

WASTE COLLECTION AND COMPACTING

We offer our clients waste collection services using specialised vehicles, as well as waste compaction services, prior to transporting it to our company's Materials Recovery Facilities for final sorting and reprocessing.
The use of varied size bins are deployed, depending on the requirement.

In addition to this, we also supply special boxes for the collection of recyclables in offices.

MATERIAL RECOVERY FACILITIES (MRF)

We offer custom designed MRFs – which are currently in operation at a number of larger waste disposal facilities that the companies manage themselves. Paper, cardboard, plastic, glass and metals collected in this manner greatly reduce the waste volume that is eventually returned to the site for disposal.

Custom designed and built MRF units are available for use at our clients' sites, should the volumes of recyclable wastes justify the installation.

RESOURCE RECOVERY

Given our commitment to holistic waste management, we have invested in the highest quality plants and equipment, ensuring that we offer the most efficient metals recycling service in the industry.

METALS RECOVERY

To maximise value from metals recycling, it is necessary to categorise, separate and process the materials. This can be done as an on-site service or, alternatively, off-site – dependent on volumes and specific client requirements. In many cases, it is possible, as a result of increased efficiencies, to offset the costs of recovery management and increase revenues generated from the recycling process. This can often lead to a zero-cost waste management scenario, or even an income-positive holistic service.

To this end, Interwaste ensures the efficient collection and processing of ferrous and non-ferrous metal waste, from depots across the country. This process includes providing bins at the client's premises, collection of bins once full and transportation to the nearest depot, where they are weighed at a SABS approved weighbridge facility.

BALING SERVICE

We offer the leasing and operation of compact baling machines at a client's premises – this enables a mobile baling service, saving valuable storage space on site and maximising the value of recyclables for the client.

"We do not inherit the earth from our ancestors, we borrow it from our children."
Native American proverb

SOLID & LIQUID WASTE TREATMENT

Interwaste's effluent treatment division, coupled with our strong national logistics infrastructure, ensures we can provide a complete service offering, including the management of a variety of inorganic, acid, caustic and oil-based liquid streams.

SOLID WASTE

Economically viable chemical, physical and biological treatment forms an essential part of reducing the risks associated with the disposal of waste at landfill sites. Interwaste has developed sophisticated treatment technologies to reduce waste production, recycle material and generate more energy from waste.

Through these processes, we ensure that we aid waste generators in meeting the required specifications for disposal and that they offer an innovative pre-landfill solid waste treatment service.

EFFLUENT TREATMENT

There is a strong need in South Africa – especially given the sparse water supply and the risk that effluent waste has on the environment – for the development and implementation of effective effluent treatment methodologies. It is for this reason that we have devised alternatives to the disposal of liquid waste at landfills by creating a specialist effluent treatment infrastructure. This division provides a complete service offering to liquid waste generators, including management of a variety of inorganic, acid, caustic and oil-based liquid waste streams.

COMMODITY TRADING

Interwaste spearheads the commoditisation of waste through 'Waste Commodity Trading' with innovative, closely monitored procedures. Interwaste currently exports commoditised waste to 12 countries and territories outside South Africa and are expanding this reach exponentially.

Pioneering this process across all industry sectors requires an intimate knowledge of the external catalysts that are usually unrelated to the activities of the generator, which can only be realised once identified.

The resources boom, which came to a head in 2008, pre-empted peak demand for most commodities and their hyper-inflated prices, and was a warning of things to come. As a forward-thinking organisation, we offer commoditised waste solutions – from niche to bulk commodities. Interwaste is strategically stockpiling intrinsically valuable wastes, in specially designed containment cells, with the express purpose of future recovery. Commodity cycles are closely monitored for each residue and will be unlocked when all necessary factors converge synchronously.

What's more, strategic relationships are forged with major trading houses and ports with logistical capacity being secured to ensure that, as a company, we are well placed to offer a turnkey solution to clients looking for this service. Efficient, often out-the-box solutions, give waste generators value-added returns for traditionally landfilled wastes – thereby fulfilling the Hierarchy of Waste requirements and meeting broader client service requirements.

WASTE LOGISTICS

We advise our clients on the best optimum waste storage and collection methods, including the correct container sizes, service frequency and collection vehicles to be used to best suit each individual client's needs and legal requirements. All Interwaste vehicles are linked to a real-time monitoring system, ensuring efficiency and security.

VEHICLE USE AND LOGISTICS

We utilise skip collection vehicles with bins up to 18m^3, roll-on roll-off vehicles with bin capacities up to 35m^3, and efficient front and rear-end loader vehicles that are capable of compacting the waste on-board. In addition to this, we offer trailed containers to maximise transport efficiencies through optimal carrying capacity. All Interwaste vehicles' locations and routes are actively managed to ensure peace of mind for the customer and the company itself.

HAZARDOUS WASTE MANAGEMENT

Interwaste boasts the management expertise and specialised equipment to handle any hazardous waste countrywide. We have performed consistently in the collection and management of such waste while finding innovative ways to treat and reclassify accordingly, resulting in more cost-effective and environmentally acceptable ways to manage such waste streams.

These services include:

- Hazmat response and documented incident scene management.
- Specialised operations and accredited training.
- Hazardous and non-hazardous material clean-up and disposal.
- Asbestos containment and removal.
- Specialised containment and over-drums.
- Confined space operations, including tank cleaning, with certification.
- Route planning, risk assessment and environmental impact assessments.
- Chemical data bank for emergency services.

GOODS DESTRUCTION AND SAFE DISPOSAL

We offer a destruction and disposal service for items, such as expired pharmaceuticals, redundant consumables and counterfeit goods, to ensure company confidentiality, integrity and environmental safety. Such goods are collected in various sized safe disposal containers that are fully welded with closed tops and lockable lids.

The collected goods can be crushed, incinerated or shredded in a guaranteed secure environment, given that the goods are housed in a securely fenced compound for processing. Interwaste provides a Certificate of Safe Disposal on completion of the destruction process to give customers peace of mind. In fact, Interwaste welcomes clients at our sites to observe the entire destruction process from start to completion.

Providing the correct equipment, ensuring the most cost-effective solution is provided, and remaining transparent by the provision of full and accurate reporting, is at the heart of our business.

WASTE DISPOSAL AND FACILITIES MANAGEMENT

As an established leader in the technologically demanding area of landfill construction and development, we have accumulated years of experience in this field, ensuring that the highest standards are utilised at every stage of every project.

We utilise sophisticated technologies to ensure that sanitary landfills can operate, often for decades, as safe and efficient final destinations for the bulk of society's waste.

We abide by all technical specifications and best practice parameters during the design and construction phases of our landfills – in line with government mandates and legislations.

LANDFILL CONSTRUCTION

Interwaste boasts the experience and resources to construct any type of landfill site and ensures that it is safe and efficient for ongoing operations. We also remediate existing landfill facilities that do not comply with minimum operational standards, where these sites are re-engineered with regard to slopes, cells and leachate management systems.

The landfill construction ensures the following:

- Road access, communications and security systems.
- Facilities such as weighbridge, entrance and reception buildings, offices, ablutions, workshops and laboratories.
- Signposting and notice boards.
- Water, electricity and sewerage.

MANAGEMENT

Strict administrative processes and operational controls – as well as regulatory compliance – are key to ensuring the maximum operation levels of safety and efficiency at a landfill, and therefore Interwaste ensures the following:

- Every aspect of each operation complies with both short- and long-term objectives.
- Accurate record keeping to ensure no negative impact on the long-term viability of the site.
- Correct billing for the volumes of waste disposed of, onto the site.
- Monitoring of vehicle loads to ensure that no hazardous materials are brought onto general waste sites – and when such materials are brought onto sites permitted for disposal, they are sampled and laboratory tested to ensure full compliance.
- The daily deposition of waste is controlled according to a detailed plan.
- Each day the areas of disposal are compacted and covered.

LANDFILL GAS OPERATIONS

Interwaste maximises the benefits of landfill gas utilisation in South Africa, where flaring and power generation projects are already in full operation.

TRANSFER STATION MANAGEMENT

Interwaste manages the collection and processing of organic wastes, paper, glass, cans and building rubble that is recovered, to avoid disposal at landfills.
We handle the management of our own, as well as many other transfer stations, on behalf of municipalities in Gauteng and the Western Cape.

ADDITIONAL SERVICES

We remove waste safely through economically and environmentally sound methods, using cutting-edge equipment, designed to meet our customers' requirements and expectations.

These services include, but are not limited to:

PLANT AND EQUIPMENT HIRE

Interwaste offers specialised equipment (tub grinders, shredders and power sieves) for rent, either on a daily, monthly or long-term full maintenance contract.

INDUSTRIAL CLEANING SERVICES

Interwaste offers industrial and commercial clients cleaning and maintenance services that focus on separating waste as early as possible in the cleaning process – reducing the need for double handling and the risk of cross-contamination.

HIGH PRESSURE CLEANING

Our high, ultra-high and super-high pressure cleaning systems utilise water with no abrasives for the removal of material deposits, such as silt, tar, rubber and crude oil from various surfaces.

TANK CLEANING AND CONFINED SPACE OPERATIONS

Interwaste specialises in high-risk tank cleaning services, and boasts the expertise, skilled personnel and specially designed equipment to do so. We develop operational plans and obtain full clearance prior to any personnel entering a tank or other similar confined space.

STRUCTURAL DEDUSTING

Interwaste employs specialised equipment and technical expertise in order to remove dust safely from industrial structures – utilised for the cleaning of factories, power stations, and large production equipment.

DEMOLITION AND SITE CLEARING

We have adopted a multi-disciplinary approach to the demolition and clearing of sites. The various operational divisions within the group work in conjunction to offer a safe and efficient service within this hazardous environment.

GREEN BUILDING COUNCIL

Interwaste is a registered member of the Green Building Council. Our fully licensed facilities are able to screen and crush builders' rubble for its reuse in the construction industry, thus diverting it from landfills. This ability, combined with our expertise, enables us to help our construction clients earn valuable points towards their 'Green Star SA Rating'.

POWER SHREDDER

The Interwaste Power Shredder 1800 is a highly efficient shredder that is ideally suited to the volume reduction and destruction of a wide range of products and materials. The aim is to reduce transport and disposal costs and enable separation for further recycling and reutilisation. The shredder is completely self-sufficient on-site and is suitable for:

- Light, bulky waste, e.g. cardboard, paper, cans, plastic, etc.
- Manufactured/confidential goods for safe disposal.
- Green and organic waste for composting, etc.

WASTE INNOVATIONS

OUR JOURNEY BEGINS

Historically, waste treatment technologies have focused on reducing the risks associated with the disposal of both general and hazardous waste to landfill sites.

Today, however, South Africa is far ahead of the global marketplace when it comes to waste management legislation. These frameworks are setting the benchmark for innovation in the industry – driving companies to derive better, more sustainable waste management solutions that focus beyond the landfill model, and rather on creating alternative, commoditised products from the waste generated.

Interwaste is at the forefront of leading the technological innovation within the local waste management sector. Our forward-thinking initiatives stand testament to this and provide solid, sustainable and profit-generating waste management opportunities – across all waste streams.

1 WASTE-DERIVED FUELS

The latest South African legislation progressively restricts the landfill of hazardous waste with a significant calorific value. The result? A ban on the landfill of any waste with a total organic carbon content in excess of 6%. In addition, the legislation introduces stringent concentration thresholds for the disposal of waste containing any of a wide range of organic chemicals to landfill, with immediate effect.

We have therefore developed a sound solution in deriving energy from waste, through our partnership with an international cement manufacturer – at a relatively low cost. It is an environmentally sound solution for managing combustible waste products locally.

The Cement Kiln Project – co-processing as a solution:

As one of the largest cement manufacturers, the company's production facility is capable and licensed to accept hydrocarbon-sludge and tyre waste-derived-fuels for co-processing.

As a result, through a process defined and developed by Interwaste's R&D team, the company ensures a consistent supply of high quality alternative fuel for co-processing, as well as providing excellent service to industrial waste generators.

This joint venture is underpinned by an alternative fuel blending platform in Kaalfontein, Johannesburg – the first facility of its kind to produce liquid alternative fuels for co-processing in South Africa.

The blending platform accepts various suitable waste streams from industrial generators, screens their quality, and processes them to produce a consistent waste-derived fuel product that is then transported to the Lafarge cement production facility.

The first phase was commissioned in the first quarter of 2014 and has the capacity to process heavy hydrocarbon sludges, oils and greases to produce a viscous liquid alternative fuel product that is introduced into the cement plant, via a high pressure pump system.

This fully licensed operation, both the cement kiln and the blending platform, are authorised to accept and process waste and have the appropriate permits from the South African Government.

The types of waste suitable for such processing include: alternative fuels that have a significant calorific value (such as oil sludge wastes), alternative raw materials that contain mineral components useful in the production of clinker (some contaminated soils for example), and materials that have both a calorific value and mineral content (such as paint sludges or waste tyres).

To this end, nuclear waste, infectious medical waste, used batteries and untreated municipal waste are not permitted to be used for this purpose.

Processing combustible waste alongside coal in cement kilns has the potential to:

- Avoid the disposal of hazardous waste in landfills.
- Produce no solid waste residues – ash produced during the combustion process is incorporated into clinker that is used in cement manufacturing.
- Contribute positively to the air-emission quality of kilns that would otherwise be burning additional coal or other petroleum derived fuels (including reducing the CO_2 footprint of the plants concerned).
- Correct applications of alternative fuels to cement manufacture containing resources, such as the oxides of calcium, silica, aluminium and iron, that are of value to the manufacturing process and contribute to the quality of the final product.

2 INTERWASTE'S REFUSE-DERIVED FUEL PLANT – A SOUTH AFRICAN FIRST!

Refuse-derived fuel (RDF) is a high-quality fuel produced from solid waste materials with high calorific value. The original waste materials come from industries, households and sorted municipal solid waste, including paper, cardboard, wood textiles, plastics, etc. This RDF is meant for sole/co-feeding plants and replaces conventional fuels (e.g. coal) in production plants for power generation, steam generation, heat generation, cement kilns and other suitable combustion installations.

Interwaste is the first waste management company in South Africa to develop our very own RDF plant – where waste will be processed at the Interwaste facility in Germiston. Here, high calorific value wastes will be sorted, shredded in a primary shredder to reduce material size, then shredded in a secondary shredder and briquetted/densified, depending on intended end use.

Benefits of RDF:

- Waste is diverted from landfill – saving landfill space and reducing waste to landfill.
- Energy value derived from waste.
- Reduced greenhouse gas emissions.
- RDF energy is considered green energy that yields carbon credits.
- Minimal to no modifications needed on existing combustion installations.
- Reduced excess air requirements during combustion.
- Provides flexibility, as fuel can be supplied in densified or fluff form.
- Employment creation through resource recovery.
- Lower ash content than conventional fuels (e.g. coal), reducing particulate emissions.
- Due to stringent regulation applied for Interwaste RDF, there is a low concentration of toxic chemicals.

3 LANDFILL SITES

Landfill sites produce toxic leachate, run-off water and greenhouse gases that pose serious long-term environmental and human health risks to adjacent communities if not properly managed.

As such, Interwaste has put a lot of time and money into the landfill project to ensure not only environmental compliance, but that the landfill is a world-class facility.

KEY LANDFILL INNOVATIONS AT INTERWASTE'S FG LANDFILL SITE

- It is the first Class B-lined Landfill site in South Africa and remains the only landfill in Gauteng that complies with the very latest in environmental legislation.
- It was awarded the OHSAS 18001 certification in 2014. OHSAS 18001 is an international health and safety standard based on best practice, and this site is the only one in the waste management industry to carry the International TUV Accreditation in South Africa.
- During 2015, a landfill gas (LFG) extraction and utilisation project was started on Phase 1, in accordance with government environmental and energy policies (GHG emission reduction and promotion of clean/renewable energy). The LFG project has been registered with Environmental Affairs and is being operated in terms of the National Standards for the Extraction, Flaring or Recovery of Landfill Gas. Interwaste is extracting and flaring an additional 350 cubic metres of landfill gas, from a second cell, per hour.
- Interwaste has installed a horizontal gas collection pipe on the landfill, measuring approximately 2.5km.
- By 2025, the Interwaste FG landfill site will be at full capacity. Interwaste will turn this site into a Golf Course – creating something recreational for the community that surrounds it. Interwaste has installed a permanent floating cover ('HDPE' – high density polyethylene material) on the site's leachate dam. The dam cover is piped to the gas collection system to collect any gas that is formed in the dam.
- The landfill boasts a char-based leachate treatment plant that enables 90 000 litres of leachate to be removed daily from the leachate dam and transported and disposed of in an anaerobic digester that, in turn, generates energy for industry.

"The greatest threat to our planet is the belief that someone else will save it."
Robert Swan

4 NATURAL GAS EXTRACTION

'Green' or natural gas, is gas that is generated from biological, naturally occurring processes. Interwaste is involved in the generation of natural gas from our own landfill site in Midrand, and supplies organic waste to a 4MW anaerobic digestion plant in Bronkhorstspruit, Gauteng, built by Bio2watt.

Natural gas from landfill and anaerobic digestion is produced as a byproduct from bacteria eating and breaking down any organic matter. At Interwaste's landfill site in Midrand, gas is currently being flared from wells that have been sunk into the landfill, in order to determine gas yield projections for future use.

The gas currently being generated from the anaerobic digestion plant in Bronkhorstspruit is being used to generate electricity, which is then 'wheeled' to BMW's Rosslyn plant.

As a result, Bio2watt (and Interwaste) supply up to 30% of BMW's Rosslyn plant energy requirement from renewable sources. Interwaste also has a licence for, and are intent on, building an anaerobic digestion plant at our own premises in Germiston, Gauteng, in the near future.

The potential uses for this gas, for the future, are:

- Turn to electricity.
- Sell as alternative fuel to industry.
- Generate steam for use in industry or self-use.
- Convert to Compressed Natural Gas (CNG) to sell to market, or to be used as an alternative vehicle fuel.
- Enable the diversion of organic waste from landfill.
- Environmentally friendly waste management tool.
- Reduced human exposure risk by waste that would have gone to landfill.
- Offer companies the opportunity to initiate zero waste to landfill status, and allow for better Triple Bottom Line reporting.
- Replacement for non-renewable fuels.
- Financial returns from gas, either in the form of electricity, CNG or gas.
- Potential to gain and sell carbon credits, thus growing the market.
- Reduction in greenhouse gasses released, where methane is captured from the biological process of organic matter being decomposed.
- Reduce fossil fuel consumption and increase financial savings for the user.
- Enable municipalities/organisations to operate off the grid on 100% reliable electricity.
- Reduced pressure on Eskom (or other utilities) to provide electricity/power.

5 CHEMICAL TESTING FACILITY

Interwaste boasts a state-of-the-art SANAS accredited chemical testing laboratory, along with a highly qualified chemical engineering and science team, situated at our head office in Germiston.

This facility tests all new wet and dry waste streams generated by our clients to ascertain their suitability for different methods of waste disposal. Through this process, Interwaste analyses and monitors the leachate content of the waste, prior to recycling, reuse or disposal, to ensure that the correct method – based on the most environmentally sound solution – is applied.

No waste is accepted by Interwaste until such testing is complete and a viable solution for disposal or reuse can be attained. To aid this process and confirm that the waste streams are the same as the samples taken, we have set up smaller testing laboratories at their various sites.

Waste Sampling Facility
at Interwaste H:H Treatment Plant

6 PHARMACEUTICAL WASTE SERVICES

Interwaste Pharmaceutical Waste Services has been designed around environmental compliance and sustainability. We offer clients a safe disposal method that is not only environmentally sound, but financially viable, through the provision of a unique zero-waste to landfill solution – as part of our joint venture with one of our international clients.

This solution uses pharmaceutical waste as an alternative fossil fuel during the manufacturing of cement, ensuring that the waste can no longer be traced after going through the cement kiln process.

Interwaste, to this end, also offers a full track and trace service for our pharmaceutical clients, whereby they are able to track the movements of their products as soon as they leave their storage facility/warehouse, right to the point of destruction at the cement kiln.

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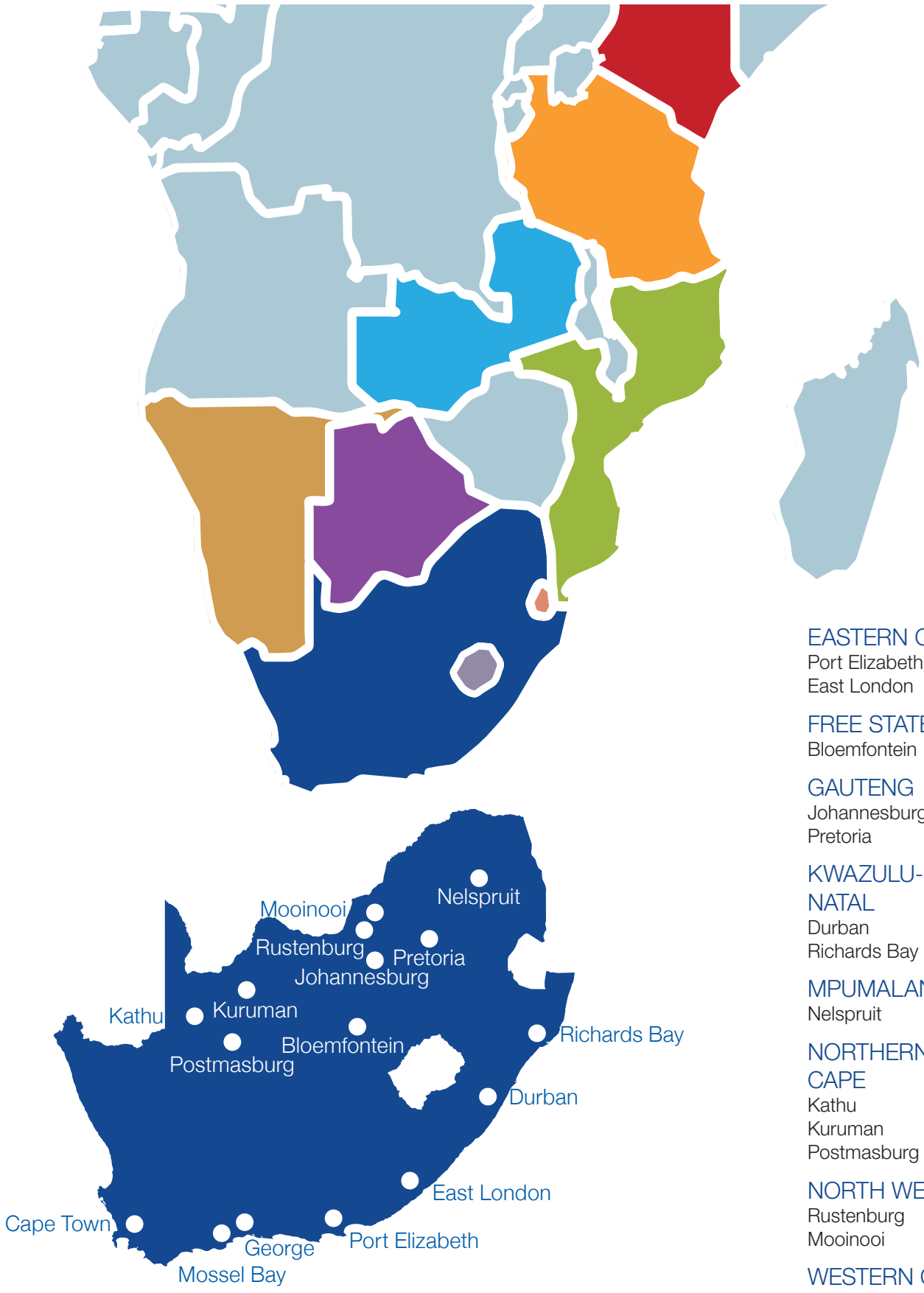


SOUTH AFRICA

EASTERN CAPE
Port Elizabeth
East London

FREE STATE
Bloemfontein

GAUTENG
Johannesburg
Pretoria

KWAZULU-NATAL
Durban
Richards Bay

MPUMALANGA
Nelspruit

NORTHERN CAPE
Kathu
Kuruman
Postmasburg

NORTH WEST
Rustenburg
Mooinooi

WESTERN CAPE
Cape Town
George
Mossel Bay

FOOTPRINT

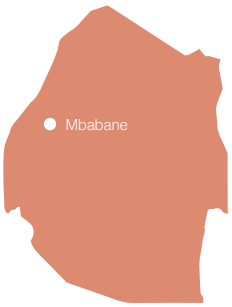
Interwaste is committed to providing consistent and timely service to the industry and, as such, has a number of regional operations across Africa.

MOZAMBIQUE

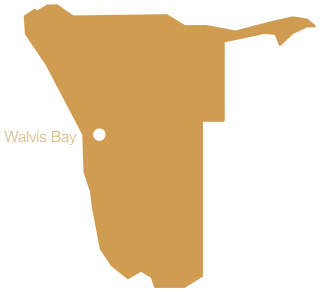
LESOTHO

TANZANIA

KENYA

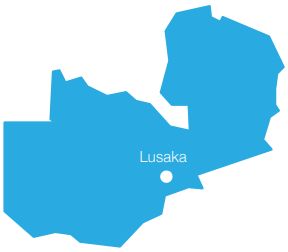


SWAZILAND



NAMIBIA

BOTSWANA



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