



The Future
Imagined Is
Cared For
Today



CONTACT US

Discover How We Can Transform Your Industry

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Company Profile 2024

WELCOME

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OUR STORY

ABOUT US

Biotech World (Pty) Ltd is a Biotechnological Manufacturing solutions business, established to harness the naturally occurring effective microorganisms and enzymes provided by mother nature, to develop innovative products for household, industry, agriculture, and environmental management use. Our raw materials are harvested from nature and augmented through a biotechnological process, to provide innovative and environmentally conscious products of the future today.

As Biotech World, we pride ourselves in adhering to stringent industry standards, that serve as guides in manufacturing as well as being conscious, and aware of the ecosystem we participate in as manufacturers of green initiatives of products.

Biotech World is a proudly South African Black-Owned Level 1 BBBEE company that embodies *ubuntu* through activities of fostering collaboration, sharing knowledge freely, and working towards solutions that benefit the ecosystem that we live in and share.

Our principles of *ubuntu* as a business highlight the magnitude of ethical practices, sustainability, and ensuring that advancements in biotechnology are accessible and beneficial to the environment and living beings.



OUR PHILOSOPHIES

VISION | MISSION | VALUES

Our core philosophies position us to lead in the innovation and production that support regenerative agriculture, driving our commitment to excellence. These principles shape our approach to environmental challenges and reflect our dedication to serving customers with integrity and professionalism.



Our Vision

To empower our industrial and household customers to realize economic value, comply with environmental legislation, and reduce their carbon footprint through our innovative bioremediation agents.



Our Mission

To solve global environmental challenges through advanced biotechnological innovation and manufacturing processes.



Our Values

To foster continuous learning, lead with innovation, inspire creativity, uphold integrity, and deliver professionalism in everything we do.

“With environmental challenges on the rise, Biotech World offers innovative biotechnological solutions using natural microorganisms and enzymes to address waste management, enhance agricultural practices, and restore ecosystems, ensuring a sustainable future.”

OUR SERVICES

COMPREHENSIVE BIOTECHNOLOGICAL AND ENVIRONMENTAL SOLUTIONS

We deliver cutting-edge biotechnological solutions that tackle environmental, industrial, and agricultural challenges. Here are the core services we offer:



Microbial & Enzymic Product Development

In our state-of-the-art facilities, we develop advanced microbial and enzymic products tailored to industry needs. These solutions are designed to enhance soil health, improve product quality, and drive sustainability across sectors such as agriculture, mining, and petrochemical industries.



Bioremediation Solutions

Our bioremediation solutions effectively restore contaminated soil, sludge, and water to their natural state using specialized microorganisms and enzymes. We target harmful chemicals such as hydrocarbons, chlorinated compounds (PCBs), petroleum products, and dioxins, ensuring a sustainable and safe environment.



Regenerative Agriculture Solutions

Our regenerative agriculture solutions are designed to enhance soil health and boost crop yields by introducing effective microorganisms into agricultural systems. Through biofertilizers and soil enhancers, we support farmers in increasing productivity while ensuring long-term land sustainability.



Sewerage & Environmental Waste Management

Our advanced microbial solutions include efficient sewerage treatment using anaerobic bacteria to break down complex organic compounds into simpler substances. Our services also cover wastewater treatment and hazardous waste management, ensuring effective and sustainable control across various industries.



Specialized Product Supply & Delivery

We supply and deliver specialized products and materials tailored to the needs of industries such as mining, agriculture, food, and environmental management. Our agile sourcing and delivery processes ensure that clients receive high-quality materials essential for their operations, fostering long-term partnerships.

OUR PRODUCTS

ADVANCED SOLUTIONS FOR A SUSTAINABLE FUTURE

“We are dedicated to pioneering innovation and sustainability through our diverse product offerings. Leveraging state-of-the-art facilities and specialized expertise, we provide effective solutions for a range of environmental and industrial challenges.”



Microbial Bio-Degreasers

Our microbial bio-degreasers offer versatile, eco-friendly solutions for removing oil, grease, and pollutants from hard surfaces, using natural microorganisms and enzymes to enhance both performance and sustainability.



Soil Bio-Treat

Our flagship bioremediation solution, Apex Soil Bio-Treat, rapidly restores contaminated soil by breaking down pollutants with advanced microorganisms, delivering noticeable results in just 30 days.



Regenerative Agriculture

Our Apex BT Bio-Fertilizer revitalizes soil and enhances plant growth with beneficial bacteria and fungi, promoting sustainable agriculture through cutting-edge microbial technology.



Tailored Solutions

We create bespoke microbial and enzymic solutions tailored to industry-specific challenges, ensuring precision and optimal performance for efficient results.

Biotech World Facilities

STATE-OF-THE-ART FACILITIES

- **Research and Development (R&D) Lab:** Our R&D labs drive innovation by analyzing samples and isolating strains to develop high-quality products.
- **Production Facilities:** We offer scalable manufacturing to meet diverse industry needs with efficiency and flexibility.
- **Quality Assurance and Testing:** Rigorous testing ensures our products meet the highest standards of safety, performance, and reliability.
- **Custom Solutions Lab:** Tailored microbial solutions deliver targeted, effective responses to unique industrial challenges.
- **Sustainability and Environmental Management:** We prioritize green practices, waste reduction, and energy efficiency, reinforcing our commitment to environmental responsibility.

OUR BOARD OF DIRECTORS

Our esteemed Board of Directors provides strategic guidance and visionary leadership, leveraging their vast experience to drive our mission and foster the development of innovative solutions.

EXECUTIVE DIRECTORS



Mr. Ishmael Kgabo Semenya | Chief Executive Officer (CEO)

A pioneering environmentalist and registered scientist with over 20 years in bioremediation and environmental management. As a founding member of Biotech World and Deputy President of SABTACO, Mr. Semenya is a driving force in sustainable development and regulatory compliance.

Education: ISO 14001 EMS | SARF Env. Man. (CPT, SA) | Walsh Env. Best Practice & OSHA (CO, USA) | BScHons Microbiology & HED (Univ. of the North, SA)
Memberships: IWMSA | SABTACO | BBBEE Water & Env. Subcomm.



Mr. Rorisang Praise Semenya | Commercial Director

A seasoned expert in business development, sales, and marketing, Mr. Semenya leads Biotech World with a passion for high-growth entrepreneurship. His extensive experience across various industries, including FMCG, enhances our market strategy and business expansion efforts.

Education: Master of Management Entrepreneurship & New Venture Creation (WITS) | PGDIP in Business Administration (UNISA) | BCom Management Studies Specialising in Economics & Econometrics (UCT)

NON-EXECUTIVE DIRECTORS



Ms. Ncikazi Kabi | Non-Executive Director

A financial strategist with a decade of expertise in auditing and risk management, Ms. Kabi excels in financial governance. Her leadership as CFO at CHIETA, where she implemented the Clean Audit Turnaround Strategy, ensures robust and transparent financial oversight.

Education: PGDIP in Accounting Science (UNISA) | BCom (RU)
Memberships: Registered Government Auditor (RGA) | Chartered Institute of Management Accountants (CIMA)



Adv. Lavan Gopaul | Non-Executive Director

A legal expert and financial strategist, Adv. Gopaul brings a wealth of experience from his roles at HSBC and Merrill Lynch. His profound knowledge of private equity and global markets, combined with his advisory role at Merchant Afrika, adds significant value to our board.

Education: LLM Banking & Finance (Boston University,USA) | MPA Economics & Finance (Harvard University,USA) | LLB (UKZN) | BCom (UKZN)



Dr. Lwandle Mqadi | Non-Executive Director

A leader in sustainability and governance, Dr. Mqadi spearheads the IDC's environmental and social responsibility programs. Her expertise in agricultural finance, energy, and development management drives sustainable growth initiatives across Sub-Saharan Africa.

Education: PhD in Public and Development Management (SU) | MSc AResources Economics (UP) | BScHons Agricultural Finance (UP) | BSc in Agriculture (UniZulu)

