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# SSI

A LITE COMPANY

Bohlweki Environmental (Pty) Ltd, a SSI company.



Environmental Engineers & Consultants

Company Profile

Bohliweki Environmental (Pty) Ltd is a 57,75% black-owned BEE Environmental consulting company. We have been in existence for more than 10 years, proudly setting the benchmark for empowerment in the environmental consultancy industry in South Africa.

Bohliweki Environmental is the environmental arm of SSI — a DHV company. SSI has a 65% shareholding in Bohliweki Environmental, while Bohliweki Environmental's founding member, Rutlis Maruma, owns the balance of 35%. Together these shareholders form the backbone and driving force behind this dynamic company — "Bohliweki", which means cleanliness in Northern Sotho.

Since 2000, our company has twice been voted one of the top 300 South African black empowerment companies by the Impunzielo Innovations Award Trust. The trust has as its mission, "rewarding innovations in government and public-private partnerships that reduce poverty and address key developmental issues of national concern". Not only are we empowered from an ownership point of view, but our staff complement also reflects our policies of empowerment and skills transfer, with approximately 80% of our staff classified as historically disadvantaged, of which some 40% are previously disadvantaged individuals.

Bohliweki Environmental, as a small company, entered the Non-Listed Company Awards in 2001 and was short-listed as one of the top 20 companies in this category. Striving for excellence as a business is one of our primary goals and it is this all-out commitment to succeed that attracted investment from the prestigious SSI — and has earned the approval of SSI's majority shareholder, Netherlands-based DHV.

While we provide a broad range of environmental consulting services specifically focused on Southern Africa, we are also active throughout Africa and the rest of the world through links with our parent company and its majority shareholder, DHV.

- Bohliweki Environmental offers a spectrum of environmental consulting services, including:
- Environmental reporting and authorisations
  - Community and social capacity building and development
  - Air quality studies
  - Environmental management systems
  - Waste management and pollution control



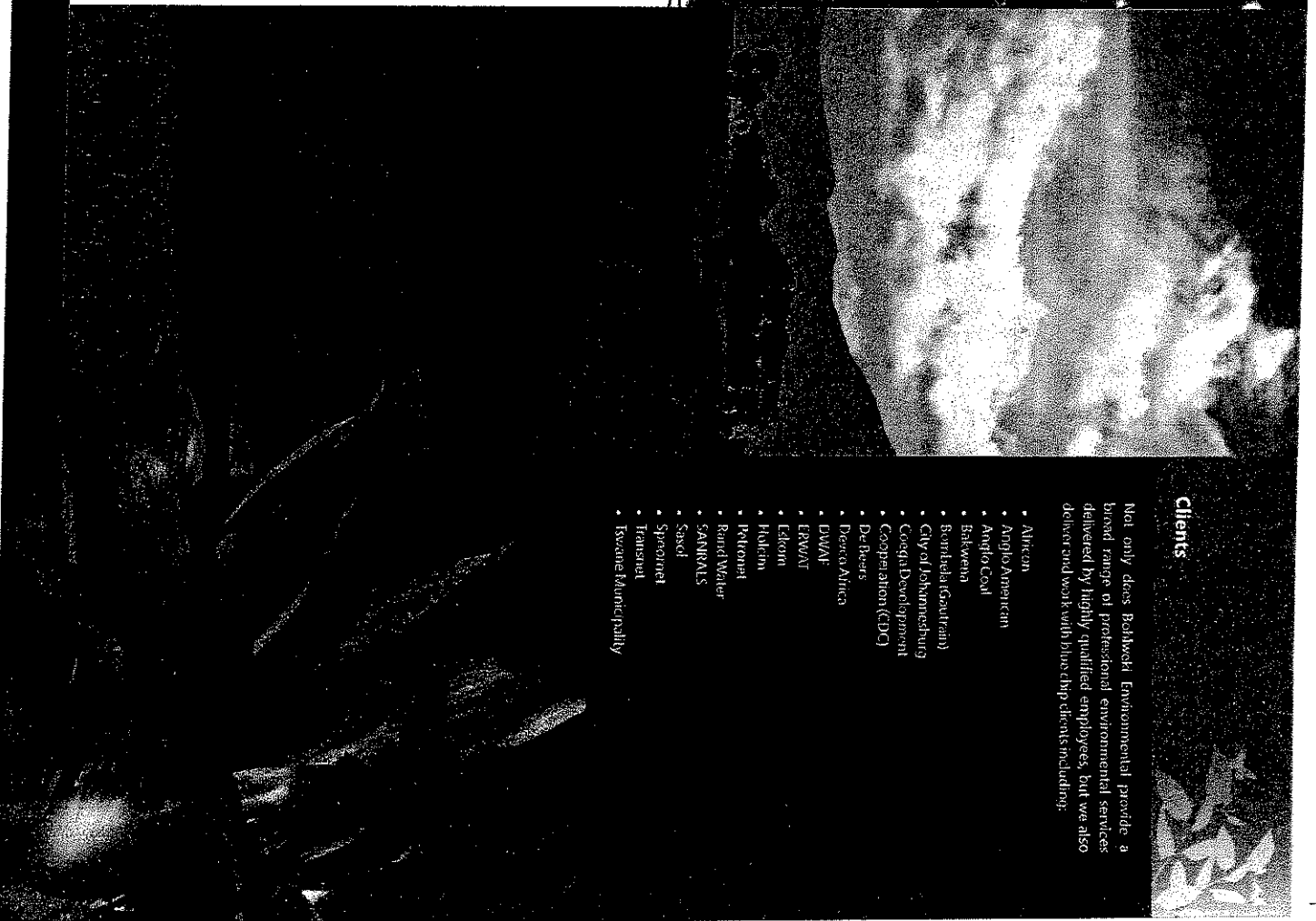
Additional services range from project management to agricultural production assessments and carry capacity assessment for game stock and ecotourism, as well as compensation assessments, due diligence audience and carbon trading.

Demand for our specialist environmental expertise is increasing steadily and we have undertaken a broad range of environmental projects for both public and private sector organisations, as well as international donor agencies. Our services can be provided for stand-alone projects, or on a "menu" basis, to deliver a comprehensive and holistic one-stop service — a "cradle to grave" approach. Complete environmental management solutions are offered and tailored for the South African, African and global markets. A specialist area of focus is assessment of multi-faceted projects, including the establishment of linear developments (national and provincial roads, and powerlines), bulk infrastructure and supply (e.g. wastewater treatment works, pipelines, landfills), power generation and transmission, the mining industry, urban, rural and township developments, environmental aspects of Local Integrated Development Plans (LIDPs), as well as general environmental planning, development and management.

**Clients**

Not only does Bohliweki Environmental provide a broad range of professional environmental services delivered by highly qualified employees, but we also deliver and work with blue chip clients including:

- African
- Anglo American
- Anglo Coal
- Eskom
- Bhebe (Gautrain)
- City of Johannesburg
- Coega Development
- Cooperation (DCC)
- De Beers
- Devo Africa
- DWA
- ERWAT
- Eskom
- Holcim
- Palomel
- RandWater
- SANRAL
- Saseel
- Sparrenet
- Transnet
- Tswane Municipality



# Environmental Service Lines

Bothwell Environmental's highly qualified and experienced personnel provide services and solutions in the following core areas:

## Environmental Reporting and Authorisations

Most infrastructure and development projects require some form of environmental approval or authorisation prior to implementation. The objective is to ensure that potential environmental impacts and benefits are identified, investigated and either eliminated or reduced (in the case of environmental impacts), or enhanced (in the case of environmental benefits). To this end, Bothwell Environmental offers independent environmental evaluations and advice in the following service lines:

- EIA, SEA, SOER, scoping reports, basic assessments, exemptions
- Environmental management plans
- Environmental management frameworks
- Environmental risk assessments
- Permit applications (DWAF, DME, etc.)

## Community and Social Capacity Building and Development

Stakeholder participation and involvement in projects has become critical in the Environmental Impact Assessment (EIA) process, to ensure that informed decisions are taken regarding development. Involving the relevant authorities, business, the public and affected communities in the decision-making process, helps ensure that development takes place in a sustainable manner. As part of a comprehensive community and public engagement process, Bothwell Environmental offers the following services:

- Social Impact assessment
- Grassroots consulting
- Specialist environmental consulting
- Community training
- Corporate Social Responsibility (CSR)

## Air Quality Studies (Umoya)

Bothwell Environmental's air quality unit strives to provide services in the field of air quality management and impact assessment, with the objective of fulfilling our clients' local and international environmental obligations. This may include, but is not limited to, the following core services:

- Air quality monitoring
- Air quality impact assessments
- Air quality management planning
- Dust and odour control
- Management system design and development
- Emissions inventory development
- Baseline assessments

## Environmental Management Systems

Entering the 21st century, organisations of all kinds are becoming increasingly aware of a paradigm shift in business thinking, that requires them to establish and maintain a sound environmental performance by controlling the impact of their activities, products and services on the environment. This trend is largely motivated by market forces, but is also the result of increasingly stringent legislation, the development of economic policies founded on environmental diligence and a growing level of concern from environmental interest groups. Environmental management systems are a useful - and in some cases, very necessary - tool to ensure an ongoing sound and constantly improving environmental performance. These services include:

- Environmental Management Systems (ISO 14001:2004)
- Environmental auditing
- Geographic Information Systems (GIS)
- Environmental gap analysis
- Environmental training
- Environmental reviews
- Environmental monitoring (Environmental Control Officers)

## Waste Management and Pollution Control

Bothwell Environmental offers waste management and pollution control services to various industries, including mining and construction sector. The team strives to provide services that fulfil our clients' local and international obligations within the required legal framework. Core areas of focus include, but are not limited to, the following fields:

- Water management
- Waste management
- Environmental construction supervision
- Remediation and rehabilitation
- Erosion control
- Dust suppression and control

## Additional Service Lines

Bothwell Environmental also offers a number of other non-traditional environmental services. Some of the additional services identified below can, in one way or another, blend with our traditional services lines — or can be offered as stand-alone service lines. They include:

- Project management
- Agriculture production system assessment and optimisation
- Carrying capacity assessments for game stocking
- Ecotourism
- Compensation assessments
- Due diligence audits
- Carbon trading and sequestrations
- Environmental engineering

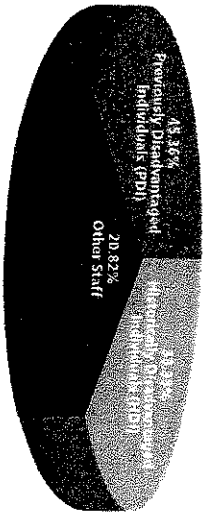


Bohlewki Environmental fully subscribes to the provisions of Chapter 2 of the Employment Equity Act 55 of 1998 and is committed to promoting equal opportunity in the workplace by eliminating unfair discrimination in any employment policy or practice.

The Black Economic Empowerment (BEE) ownership stake in our company exceeds 50%, with an actual ownership of 57.75%, and is therefore defined by government BEE policy as a black owned company. Below is a document that sets out our shareholding and our staff complement in terms of BEE.

Previously, Eheadkontiged Jurdichals (PDI) status Bohlewki Environmental aims to have a balanced representation of race and gender within the company. The current composition of the company is reflected in the table below.

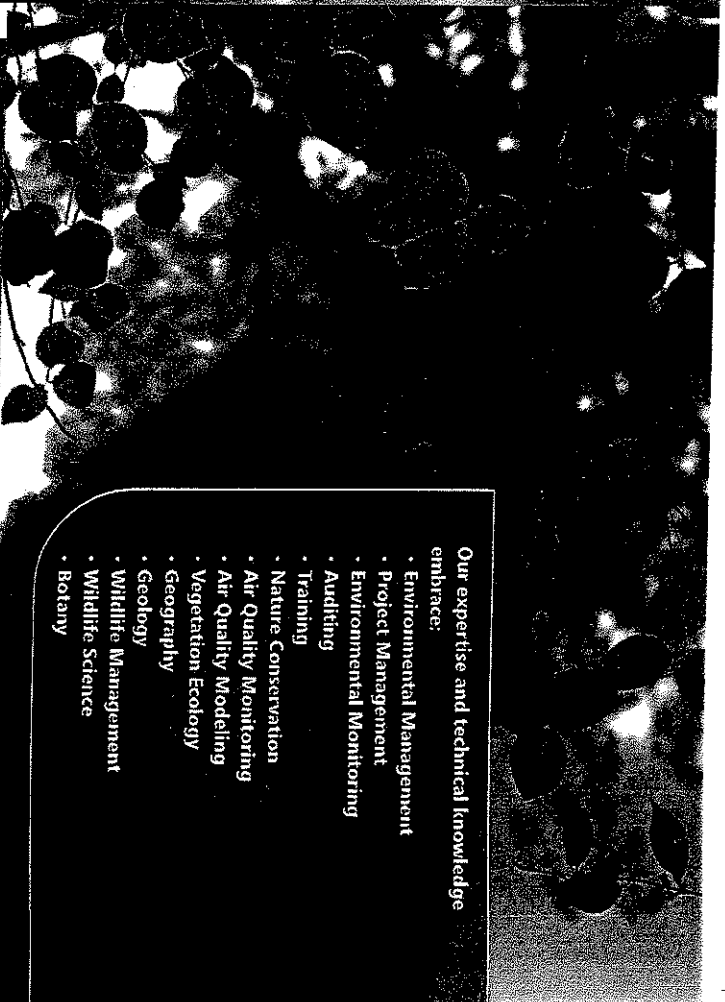
### Permanent Staff Composition



### Shareholders

Name	Position	Account Number	Nationality	PDE status	% Shareholding	% PDI Shareholding
John Mafisa	Chairman	Trust Account (T)11425/95	South African	Yes	35%	35%
Stewart Groot	Consulting Engineers	1966/001916/07	South African	See below	65%	22.75%

100% 57.75%



### EXPERIENCED PERSONNEL

Having completed some of the most challenging environmental management projects on the African continent, Bohlewki Environmental has developed a team of highly qualified and experienced personnel.

The broad range of environmental management experience we gained during these projects, enables us to provide key input into both small and large development initiatives.

We are equipped to interact with the public in all eleven official languages and specialise in grassroots communication and community participation.

Bohlewki Environmental offers training in various aspects of the environmental field, whether of a basic or more complex nature.

Most of our senior personnel are registered as Professional Natural Scientists with the South African Council for Natural Scientific Professions and are either individually or corporately registered as follows:

### Our expertise and technical knowledge embrace:

- Environmental Management
- Project Management
- Environmental Monitoring
- Auditing
- Training
- Nature Conservation
- Air Quality Monitoring
- Air Quality Modeling
- Vegetation Ecology
- Geography
- Geology
- Wildlife Management
- Wildlife Science
- Botany

- International Lead EMS auditors and trainers with IEMA
- Registered trainer with the Services SETA
- International member of the International Association of Impact Assessments (IAIA) as well as the local branch (IAIASA)
- Members of the Water Institute of Southern Africa (WISA)
- Corporate members of Institute of Waste Management of SA (IWMSA)
- Corporate members of the South African Association of Consulting Engineers (SAACE)
- An active member in the Midland Chamber of Commerce

Bohlewki Environmental's professional team has exceptional experience in the environmental assessment and management fields. Strategic alliances with leading experts in other environmental-related disciplines strengthen the team when required and have boosted the team's knowledge and experience on a wider range of activities.