

*CURRICULUM VITAE*  
*OF*  
*BABALWA ATALANTA FATYI*

## *Short Profile*

### ***Babalwa Atalanta Fatyi***

*Founder and Managing Director of Myezo Environmental Management Services, an Environmental Consulting Company, that provides a range of environmental services, cutting across various sectors and specialising in the mining sector.*

#### ***Babalwa is a:***

- Registered Professional Natural Scientist with Master of Science (Cum Laude) (1999).
- Registered Environmental auditor: Institute of Environmental Management and Assessment (IEMA), Lincoln, UK.
- Received a SA Association for Advancement of Science Award or an outstanding MSc degree in the Faculty of Science, 1999.
- Business Women Association: Finalist for Regional Achiever Awards, 2007.
- Celebrating Excellence in Organizations Global: Africa's Most Influential Women Awards (Arts and Culture Sector 2015) and Professional Service (2016).
- Author of Greetings from My Core and When Mulberry Trees are Uprooted- Poetry books.
- Published in Journals such as South African Journal of Botany and Journal of Arid Environments, amongst others.
- Woman Entrepreneur of the Year for the Tshwane Business Awards, 2016.
- CEO Global Professional Services Award of 2017.

#### ***Academic Qualifications***

- Master of Science - Wits University (Cum Laude), 1999
- Bachelor of Science Honours (Botany) - Wits University, 1997
- Bachelor of Science - University of Transkei, 1996

Babalwa has environmental consulting experience, having worked for a consulting company, SRK Consulting from 1999 to 2002. She has also worked for a mining company from 2002 to 2005, responsible for overseeing the company's compliance with its environmental obligations and was active in promoting environmental consciousness through all the different mining development phases. Her work experience has allowed her an insight with respect to sector specific environmental requirements ranging from authorizations, implementation and monitoring. She is thus still active in promoting environmental stewardship, through utilisation of a series of integrated environmental management tools, for attainment of long lasting and meaningful economic prosperity.

As a South African female business owner and entrepreneur she is determined to be a voice of consciousness, an instrument of change in the manner in which development and environmental matters are handled. She sees her poetry as a conduit through which, all the information that has been imparted unto her through various spheres of association, schooling and by unsung heroic mentors, can be released unto others and be utilized in collaborative thought processes and contribute in decision making for the betterment of our country.

**PERSONAL DETAILS**

**Name** Babalwa Atalanta Fatyi (South African)

**ID Number:** 7212252528082

**Postal address:** Postnet Suite B165, Private Bag X18, Lynnwood Ridge, 0040

**Tel:** (012) 998-7642 **Cell:** 082 772 2418

**Fax:** (012) 998-7641

**Website:** babalwaonline.co.za

---

**WORK EXPERIENCE****2005 - to date**

*Myezo Environmental Management Services (Founder and Director)*

- Environmental management programmes
- Environmental impact assessments
- Environmental auditing
- Public consultation
- Water licence use

**2003 - 2005**

*Trans Hex Operation (Pty) Ltd*

Environmental Management Co-ordinator with activities including:

- Development of legal registers
- Water Use Licence applications
- Environmental Auditing (internal audits)
- Environmental management programmes
- Implementation of various statutes for both land and marine operations
- Implementation of environmental management plans
- Rehabilitation and closure plans
- Development of waste management plans
- Stake holder involvement
- Environmental awareness and competence training

**1999 - 2003**

SRK Consulting - Environmental Department. Activities include:

- Environmental impact assessments
- Public/stakeholder consultation
- Environmental management programme reports
- Environmental training
- Environmental auditing
- Environmental management systems
- Project co-ordination and management

*A list of projects undertaken to date is provided in Page 9.*

**1996 – 1998**

University of the Witwatersrand

- Teaching assistant.
- Participated in Wits Partnership Programme - Teaching biological and physical sciences in high schools.

**SKILLS COMPETENCY TRAINING**

- Executive preparation programme - Preparation for active participation in the mining industry: Provided by Mining Qualifications Authority in conjunction with University of Johannesburg for a period of six months - 2005.
- Microsoft Project - Basic/Intermediate Course provided by Companion ICT Training – 20 May 2013.
- Safety, Health, Environment and Quality Awareness provided by Hydro Training Academy (Pty) Ltd- 28 January 2014.
- Competence to Perform Basic First Aid provided by Hydro Training Academy (Pty) Ltd- 12 February 2014.
- SHE Representative by Hydro Training Academy (Pty) Ltd-07 March 2014.
- B-BBEE Champions Course by Transcend Corporate Advisors-21-23 January 2014.
- Transition from ISO 14001: 14001:2015 Environmental Management Systems, CEM-03.6b, in North West University.
- Global Mapper advanced on training GIS case studies and examples, advanced data processing, and LIDAR processing, 3D modelling and terrain analysis.

**EDUCATION****Junior Secondary**

Ngqunge Junior Secondary School – Physical Science, Mathematics and Chemistry – Umtata - 1986

**High School**

Matriculated at St John's College. – Physical Science, Mathematics and Chemistry- Umtata – 1990

**Qualifications obtained**

- BSc (University of Transkei), 1996
- BSc (Hons) Wits), 1997
- MSc Wits (*Cum Laude*), 1999

**Major courses obtained**

- Botany
- Zoology

*All the above-mentioned courses enhanced my understanding of structure and functioning of ecosystems as well as integrated environmental management and its associated tools such as environmental impact assessment. The research equipped me with thinking and problem-solving skills including drawing well reasoned conclusions from complex data, recognising developing problems and handling them.*

## OTHER AREAS OF COMPETENCY

### Languages

- English: speak, read, write – Excellent
- Xhosa: Speak, read, write – Outstanding
- Zulu: speak; read, write – Good

### Environmental legislation

*I have acquired skills in environmental legislation interpretation. I have an excellent understanding of legal requirements with respect to various environmental management tools.*

### Skills acquired

- Project management skills
- Report writing skills
- Colleague liaison skills
- Communication skills
  - Presentation and facilitation skills
  - Stakeholder and regulatory involvement
- Environmental legislation interpretation and application
- Business development skills
- Client partnering skills
- Budget control and monitoring skills
- Statistical analysis (Stats packages: Systat)

*Undertaking environmental impact assessments and public consultation within the consulting industry has strengthened my skills in being able to realise the objectives of the clients as well as empower the public so they better understand their environmental rights and opportunities in a particular development situation. Working in various phases of development projects has enhanced my appreciation of the holistic view/approach in project management. In addition, my role within the mining industry has strengthened my expertise with respect to implementation of various programmes.*

## AWARDS

- Business Women Association: Finalist for Regional Achiever Awards 2007.
- South African Association for Advancement of Science Medal: awarded for an outstanding MSc degree in the Faculty of Science (2000).
- Celebrating Excellence in Organizations Global: Finalist in Africa's Most Influential Women Awards. Arts and Culture Sector 2015 and Professional Services Sector in 2017
- Women of Wonder Awards (WOW) (2016): One of the recipient for the prestigious Annual Women of Wonder Awards for hard work, perseverance and dedication that has managed to courageously strive to achieve dreams and aspirations and serve as a role model to South Africans.
- First runner up for BBQ Awards (BBQ- October 2016): South Africa's Premier Black Business Awards.
- Nominated for Phenomenal African Woman Awards (PAW – 2016): Women with A Difference.
- Professional Business Woman of South Africa (PBWSA - 2016): Celebrating the Power of Colour/ It's All About You.
- Winner - 2016 Standard Bank Tshwane Business Awards (Women Entrepreneur of the Year).
- Nominated as one of the top 100 Difference Makers in South Africa. And made it to Top 10 South African Difference makers in 2017.
- CEO Global Professional Services Award of 2017.

### SOCIO-ECONOMIC CONTRIBUTIONS

- National Research Foundation Mentorship Programme- Mentor for 2017.
- Tsogang Re Direng board of Directors Non-Profit Organisation Director: Advisory and coaching role.
- Vintage Recycling Project Non-Profit Company Director: Strategic Direction Guidance.

### AFFILIATIONS

- International Association of Impact Assessments - South African Affiliate
- The Institute of Directors in Southern Africa - South African Affiliate

### PROFESSIONAL REGISTRATION

- Registered in terms of Article 11 of the Natural Scientific Professions Act, 1993 (Act 106 of 1993). Professional title: Pr. Sci.Nat (400123/01).
- Associate Environmental Auditor: Institute of Environmental Management and Assessment (IEMA), Lincoln, UK.

### COMPANY CONTRIBUTIONS

- SRK's Business Development Committee: Represented environment department in discussions on general company marketing initiatives and activities (2001).
- Employment Equity Committee: Review, monitor and make recommendations on SRK's employment policies, procedures and practices as stipulated in the Employment Equity Policy and Plan (2000-2003).
- Health and Safety Leader.

---

### PUBLICATIONS

**B.A Mbalo (Fatyi)** and E. T. F. Witkowski (1997): Tolerance to soil surface temperatures experienced during and after the passage of fire in seeds of selected savanna woody plant species. South African Journal of Botany, 63: 423-425.

N. Mol and **B.A Mbalo (Fatyi)** (2001): South African Legislation: A step in the right direction. Presented at the Chamber of Mines Conference on Environmentally Responsible Mining: Conference Proceedings, 2001.

ETF Witkowski and **BA Mbalo (Fatyi)** (2002): Interactive effects of post fire cues, soil nitrate and smoke on germination. Journal of Arid Environments 38: 541- 550.

WITKOWSKI, ETF & **MBALO, B** (2002). Interactive effects of the post-fire cues, soil nitrate. Journal of Arid Environments 38: 541-550.

**B.A Fatyi** (2014) Greetings from my core. Xlibris. United Kingdom: Greetings from my core is about acknowledgement of our role in the sustainability agenda through all the areas of our lives.

**B.A Fatyi** (2017) When Mulberry Trees are Uprooted. Xlibris. United Kingdom: Self-help poetry book about hope, aspirations and encouragement to be the best we can be.

### SPEAKING ENGAGEMENTS

**Africa MBA Indaba Conference and Career Fair (Fatyi) (2016):** One of the 70 Dynamic speakers at the Africa MBA Indaba Conference and Career Fair under the session '*Women Trailblazers - Hear stories from successful women who have navigated the business world and are breaking down barriers for the next generation of women*' (panel), which was addressing amongst others the prejudices experienced on my journey, how as women we overcame and continue to overcome, how are we paying it forward for those that will come behind us and the advice that we would say now to our younger self as "Women" Trailblazers.

**PASA Global and BMW Best Auto (2015):** Ultimate Achievers Seminar where I have performed **The Woman I Have Become** and also spoke on "**How to build a Successful Enterprise**".

**Progressive Women in Golf (2016):** Annual fundraising golf day where I have performed poetry

**PASA Global and Tenacity TV (2017):** Ultimate Achievers Seminar Event was for those with or who have more than a wish list but who have a Goal – what Napoleon Hill called "**A dream with a deadline**" The focus of the event was on wealth creation with a diverse and complementary program to maximise all aspects of business, entrepreneurial and personal development.

**Tsogang Re Direng (2017):** Fund Raising Event where I was a speaker emphasized the importance of staying true to yourself and authentic personal brand, 15 teenagers were reached and 20 adults.

**Naledi Farm (2017):** Guest speaker at The Harvest Table on the topic **Reconnecting with our Authentic Self**.

**IAIAsa (2017):** Guest speaker on the topic of **Indigenous knowledge and knowledge management**. Where the highlight was based on the value of honouring our indigenous knowledge and making sure we do not lose it but that we rather bring it into the sustainability agenda.

### LIST OF PERFORMANCE FOR GREETING FROM MY CORE BOOK

No.	Date of the event	Venue for the performance	Organiser for the event	Which poem was performed	Brief description of the event
1	18-Apr-15	Sandton, Park Inn	The events corner and tours	The savvy woman	The money savvy woman with Karabo Ramokho
2	28-Mar-15	James 1:27 Ministry	James 1:27 Ministry	Educational inequality	Educational inequality event
3	28-Mar-15	Rosebank Crowne Plaza	International Inspiring Woman Network Foundation	The woman I have become and weaving the nation stitch by stitch	67 blankets for Mandela
4	06-Dec-14	Innovatec Africa, Sandton	Divine connections	Girls self esteem	Divine youth event

No.	Date of the event	Venue for the performance	Organiser for the event	Which poem was performed	Brief description of the event
5	21-Jun-14	The Maslow Hotel	Divine connections	Divine marriages	Divine connections event for marriages
6	19-Nov-14	Monte Casino	Skoobs bookstore	The woman I have become and Igorha elomba umgodi	Book launch for the Greetings from My core book
7	09-Oct-14	Methodist Church	Methodist church	Umfazi Endinguye	Empowerment of woman event

### SHORT COURSES (Week)

- **Implementing Integrated Management Systems: ISO 9001, ISO 14001 and OHSAS 18001-** Potchefstroom University **2006**.
  - **Mining Qualifications Authority:** Executive preparation programme focusing on understanding key elements and principles of mining: presented by University of Johannesburg **(2005)**.
  - **Microsoft Project 2000:** Introduction: project management tool. Presented by Executrain. 2001.
  - **National Environment Management: Integrated Coastal Management Act, 24 of 2008:** Presented by Imbewu Sustain Ability Legal Specialists (1 day) – 2010.
  - **Environmental Auditing:** Techniques and Methodologies. Presented by Eagle Environmental. 1999.
  - **Implementing Environmental Management Systems (SABS/ISO 14001):** Presented by Centre for Environmental management –Potchefstroom University 2002.
  - **Waste Management for Environmental Managers:** Presented by Centre for Environmental Management –Potchefstroom University 2003.
  - **Environmental Management Tools in the Workplace:** Presented by Centre for Environmental management –Potchefstroom University-2003.
  - **Sustainable Development short course -** Tools and techniques at mining operations. Presented by centre for sustainability in mining and industry. March 2003.
  - **Environmental Auditor's course:** Aspects International, UK - IEMA approved. Presented by Crystal Clear Consulting and Merchants (Pty) Ltd -2004.
  - **Business Finances for Non-Financial Managers:** Presented by Weidemann Consulting: Engineering and Management - 2001.
  - **Introduction to Ground Water.** Presented by Ground Water Division of the Geological Society of South Africa. 2000.
  - **Resource Conservation Biology:** Wits -1998.
  - **Population and Ecosystem Modelling:** Wits-1998.
    - Good understanding of Scenario models -exploring management options; harvesting models adaptive management, surplus production, optimum sustainable yield, stock reduction, over - harvesting, uncertainty and harvest quotas.
  - **Resource Economics:** Wits-1998.
  - **Geographic Information Systems (IDRISI for windows)** Wits: 1998.
-



## REFERENCES

### **Mr Mervyn Carstens**

Executive Director: SA Land operations  
 Trans Hex Operations (Pty) Ltd  
 P O Box 723  
 Parow  
 7499  
 Tel: 021 937 2000  
 Email: mervync@transhex.co.za

### **Mr Muleso Kharikha**

Director: Resource use  
 Department of Environmental Management Services  
 Private Bag X447, Pretoria, 0001  
 Tel: 012 310 3451/3578  
 Cell: 083 2720302  
 Email: jkharikha@deat.gov.za

---

## PROJECT EXPERIENCE

(Project Manager role in all the projects listed in this section unless otherwise specified)

## APPLICATION FOR ENVIRONMENTAL AUTHORISATION

### **Environmental impact assessments and plans in terms of National Environmental Management Act, 1998 (Act No. 107 of 1998)**

- **Rockstar Trading (Pty) Ltd (trading as CDF Chrome):** Environmental management plan in terms of NEMA for a Chrome Beneficiation Plant on Portion 86 of the Farm Hartebeesfontein 445 JO, Madibeng Local Municipality, North West Province (2011).
- **Elgagen (Pty) Ltd:** EMP done for a Chrome Beneficiation Plant on Portion 181 (A Portion of Portion 2 of the Farm Zandfontein 447 JQ Madibeng Local Municipality, North West province. (2011).
- **Athi River Mining South Africa (Pty Ltd:** Environmental impact assessment in terms of National Environment Management Act,1998 (Act 107 of 1998) for a Proposed Mafikeng Cement Project and Associated Activities, including quarry within Ngaka modiri Molema district Municipality (2010-2011).
- **The GHAAP Abattoir Ostrich (Pty) (Ltd) (GHAAP), funded by Sishen Iron Ore Company – Community:** Development Trust (SIOC-CDT): Environmental impact assessment/basic assessment for a proposed abattoir and deboning plant in Kuruman located at Portion 1 of ERF 1, next to municipal testing grounds, opposite livestock auction premises, and diagonally opposite the red meat

abattoir within Ga-Segonyana Municipality under JohnTaolo Gaetsewe District Municipality, Northern Cape (2011).

- **Solid Waste Technologies SA (Pty) Ltd:** Public participation coordination for hazardous waste treatment facility in City Deep- Johannesburg (2009) and application for environmental authorisation for a transfer station in Durban (2010).
- **Sasol Mafutha (Pty) Ltd:** Myezo subcontracted to SE Solutions to assist with public involvement and reports review for four EIA's done for Mafutha Mine, Town development, Coal to Liquid plant and Services corridor (2009-).
- **Independent Development Trust:** EIA for proposed secondary school in Freedom Park (2008-2010).
- **Metsweding District Municipality:** EIA for proposed Cemetery at Ekanustria (2008- 2010).
- **SE Solutions:** Public participation for proposed capacity expansion of the iron making, steelmaking and rolling facilities at ArcelorMittal South Africa, Newcastle Works (2008-current).
- **SES Solutions:** Public participation for planned coke oven expansion at Mittal Steel (2007-2008).
- **SES Solutions:** Public consultation for a planned by-products mixing plant at Mittal Steel (2006).
- **Clear Channel Independent:** EIA for proposed erection of advertising billboards (2006-2007).
- **Toka Outdoor Advertising (Pty) Ltd:** EIA for proposed erection of advertising billboards (2006-2007).
- **Mbokod Outdoor (Pty) Ltd:** EIA for proposed erection of advertising billboard (2006).
- **Dolphin Outdoor:** EIA for proposed erection of advertising billboards (2006).
- **Primedia Outdoor (Pty) Ltd:** EIA for proposed erection of advertising billboards (2006-2007).
- **Matla Consultants:** Environmental scoping study for a road upgrade in the Brits District, Northwest Province (2005).
- **Rustenburg Local Municipality:** Basic assessment/EIA for the proposed construction of Bokamoso Sewage Pipeline, Rustenburg Local Municipality, North West Province (2012).
- **Mafikeng cement (Pty) Ltd:** Environmental Impact Assessment for the proposed Mafikeng Cement Project within Mahikeng and Ditsobotla Local Municipalities, North West Province (2010).
- **Tsooletso Resources (Pty) Ltd:** Environmental Management Plan for Sunbury Siding Project, within Mpumalanga Province (2012).
- **Trans Hex Operations (Pty) Ltd** -Application for Consolidating Application in Terms of Sub-Regulation 14(1) of EIA Regulations, 2010 (GNR 543 of 18 June 2010), under the National Environmental Management Act, 1998 (Act No. 107 of 1998) for Environmental Authorization for Sea Concession 5a, 6a, 7a,3b and 5b within the Administrative District of Namaqualand.
- **SALP Constructions (Pty) Ltd**-Environmental Management Plan for the proposed development at Masebe Nature Reserve with the Mogalakwane Local Municipality, Limpopo (2014).
- **Gijima Supply Chain Management Services (Pty) Ltd**-Environmental Control Officer for Arbor Siding, within Mpumalanga Province (2015).
- **Gubha Mining Resources (Pty) Ltd**-Basic Assessment Report prospecting right in terms of Section 16 of the Mineral and Petroleum Development Act, 2002 (Act No. 28 of 2002) for proposed development at Naudesbank in Mpumalanga (2015).

- **Makson Trading Enterprise CC**-Performance Assessment Report for Makson Trading Enterprise CC located in Xhalanga Local Municipality within the Magisterial District of Chris Hani, in Eastern Cape Province (2015).
- **West Coast Resources (Pty) Ltd**- Amendment of an Environmental Management Programme (EMP) and Environmental Impact Assessment (EIA), in support of a mining right held by West Coast Resources (WCR), over the Namaqualand Mines, in terms of the National Environmental Management Act (Act No. 107 of 1998) (NEMA) and Mineral and Petroleum Resources Development Act, (Act No. 28 of 2002) (MPRDA) within the Administrative District of Namaqualand, Northern Cape (2013 – 2016).

**Basic Assessment Report in terms of National Environmental Management Act (Act No. 107 of 1998)**

- **Aplorox CC**-Basic Assessment Report for the proposed coal storage at Forfar Siding on Portion 131 of the Farm Vaalbank 511-JR with the Kungwini Local Municipality, Gauteng (2014).
- **Lebone Engineering (Pty) Ltd**-Basic Assessment Report for the environmental studies that was undertaken in Klip Middle Soweto, in Johannesburg, with the city of Johannesburg Municipality (2015-current).
- **Vuka Africa Consulting Engineers and Project Managers (Pty) Ltd**- Basic Assessment Process for the construction of the proposed Bokamoso Sewage Outfall Pipeline (current), North West Province (2012-2013).
- **SALP Constructions (Pty) Ltd**- Application of Environmental Authorisation (EA) for the proposed development at Masebe Nature Reserve with the Mogalakwane Local Municipality, Limpopo (2014 – 2015).
- **Vuka Africa Consulting Engineers and Project Managers (Pty) Ltd**- Basic Assessment Report for the K11 Bypass in Randfontein, Rand West City Local Municipality, Gauteng Province. (2016 – current).
- **Leko Engineering**- Basic Assessment Report for the Caledonian Stadium upgrade in Tshwane Municipality (2017- current).
- **Zethu Consulting Services (Pty) Ltd** – Basic Assessment Report for the Matsulu Waste Transfer Station within Mbombela Local Municipality, Mpumalanga Province (2017 – current).

**APPLICATION FOR MINING AUTHORISATION**

**Environmental impact assessments and plans in terms of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002)**

- **Double Ring Mineral Resources (Pty) Ltd**: Environmental Management Plan for the proposed gold processing site within the Farm Batavia 176 KP in Thabazimbi, Limpopo Province (2012).
- **ALS BEE Projects**: Environmental Management Plan for TCC Gravel Mine in support of mining permit (Site 1 and 2) on Portion of the Remainder Portion 488 of Town and Townlands, 235 JQ Potchefstroom within Tlokwe City Council (2011).
- **Smart Geo Science**: Environmental Management Plan amendment for a mining permit for Batavia Project, within Mpumalanga Province (2012).

- **Smart Geo Science:** Environmental Management Plan for an application for prospecting right, for Remainder and Portion 1(Samekos) of Farm Kookfontein No 31, Portion 1,2,3,4 and the Remainder of farm No 33, Portion 1 and the Remainder of Farm 49, Portion 1,2,3 and the Remainder of Farm Van Wyksfontein No 50 and Portion 1,2 and Remainder of Farm of Farm No 51. Barkley west, within Northern Cape Province.
- **Smart Geo Science:** Environmental Management Plan for an application for prospecting right, for portion 2 and 63 of the Farm Middelvlei 255 IQ, District of Randfontein (2012).
- **Alizay Properties 31 (Pty) Ltd:** Environmental Management Plan in support of the prospecting operation, in respect of the farms Blaauwkop 271 it, Schimmelhoek 272 it, Steenkoolspruit 275 it, Onverwacht 273 it and others (situated within the Magisterial District of Ermelo, Mpumalanga Province.
- **Silver Unicorn Trading 33 (Pty) Ltd:** Environmental Management Plan for an application for prospecting right, for Silver Unicorn Trading 33 (Pty) Ltd located at portion of the farm and remaining extent of portion 112 of farm Nooitgedacht 268 it, situated within the Magisterial District of Ermelo, Mpumalanga Province (2011).
- **African Exploration Mining and Corporation (Pty) Ltd:** Environmental Management Plan in support of application for a prospecting right, on Farms Paynesvale 608, Kingston 607, Klippan 377, Geduld 661, Thanet 126 and Steyn'Shoek, within the Magisterial District of Kroonstad, Free State Province (2010).

**Environmental management programmes in terms of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002)**

- **Athi River Mining South Africa (Pty) Ltd:** Environmental Management Programme is support of a mining right in terms of Section 39 and of Regulation 50 and 51 of Mineral and Petroleum Resource Development Act, 2002 (Act No.28 of 2002), Mahikeng, North West Province. (2012-2013).
- **Enermin Africa (Pty) Ltd:** Environmental Management Programme is support of a mining right in terms of Section 39 and of Regulation 50 and 51 of Mineral and Petroleum Resource Development Act, 2002 (Act No.28 of 2002), Mahikeng, North West Province. (2012-2013).
- **Trans Hex Operation (Pty) Ltd:** Development of environmental management plans and environmental performance audits for marine and land operations (2005-2012 (on going). Projects include:
  - Environmental management programme updates, audit and closure plan for Brazil Farm.
  - Environmental management programme updates for Hondeklip Bay Operation.
  - Environmental management plans for more than 30 prospecting rights application in the Limpopo, Gauteng, Northwest and Northern Cape.
  - Closure plans for more than twenty prospecting rights.
- **Environmental Resource Management (SA):** Coordination and management of an environmental impact statement for a Burkina Faso Zinc Mine (2005).
- **Mineral Capital Assets:** Development of prospecting environmental management plans for farms on the Northwest Province. (2005).

- **Enermin Africa (Pty) Ltd:** Environmental Management Programme Report for the proposed Koi Koi Stone Quarry Project (2012), MR.
- **Mafikeng Cement(Pty) Ltd:** Environmental Management Programme Report submitted for an application for mining right for Mafikeng Cement Project (2012), MR.
- **Trans Hex Operations (Pty) Ltd:** Revised Environmental Management Programme Report updates for Sea Concession 5a, 6a, 7a, 3b and 5b Northern Cape (2013), MR.
- **Alexkor SOC Ltd:** Environmental Management Programme in respect of Sea Concession 1(c) Mining Project, Northern Cape Province (2013) MR.
- **Alexkor SOC Ltd:** Environmental Management Programme in respect of Sea Concession 4(a) Mining Project, Northern Cape Province (2013) MR.
- **Alexkor SOC Ltd:** Section 93 order in for a mining right issued on Portion 14, 15, 16, 17 and 19 of the Farm Korridor WES No.2, Farm 1, Farm Brandkaros No.617, Farm Arrisdriфт No.616, Farm No.155 and Remainder of Farm Gypsums No.5 Situated in the Administrative District of Namaqua (2013).

#### **Country reports, sustainability reports and closure plans**

- **Department of Environmental Affairs and Tourism:** Fourth Country Report for United Nations Convention to Combat Desertification (2008).
- **Wesizwe:** Development of sustainability framework including policies, standards and guidelines (2008-2009).
- **Etruscan Resources Inc:** Environmental Management Programme in support of a mining right application (2007)
- **Trans Hex Operations (Pty) Ltd:** Closure plans and associated performances assessment audits and financial provision calculations for prospecting farms. (200-current).
- **Unimining Joint Venture:** Implementation of environmental measures during rehabilitation of an asbestos Mine – Heningvlei (2006-2007).
- **Department of Minerals and Energy-Council for Scientific and Industrial Research Project for abandoned Mines:** Myezo subcontracted by CSIR for development of Environmental Best Practice guidelines for Granite Mines in the North –West Province. (2005).
- **Alexkor SOC Ltd:** Alexkor’s Five Year Implementation Land Rehabilitation Plan at its Alexander Bay Mine in Northern Cape (2014).
- **Trans Hex Operations (Pty) Ltd:** Application for Closure Certificates in terms of Section 43 (4) of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), were prepared for various prospecting activities undertaken in the following farms in Northern Cape by Trans Hex. (10 Closure Plans were prepared) (2009).
- **Trans Hex Operations (Pty) Ltd:** Application for Closure Certificates in terms of Section 43 (4) of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), were prepared for various prospecting activities undertaken in the following farms in North West by Trans Hex. (23 Application for Closure Plans were prepared) (2009).
- **Trans Hex Operations (Pty) Ltd:** Application for Closure Certificates in terms of Section 43 (4) of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), were prepared for various prospecting activities undertaken in the following farms in Limpopo by Trans Hex. (19 Application for Closure Plans were prepared) (2009).
- **Trans Hex Operations (Pty) Ltd:** Application for Closure Certificate in terms of Section 43 (4) of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), for Sea Concession 11c, 13c and 18d, Vredendal District, Western Cape (2012).

- **Trans Hex Operations (Pty) Ltd:** Application for Closure Certificate in terms of Section 43 (4) of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), in for Portion 1 of Farm Amam No. 46, Namaqualand District, Northern Cape (2013).
- **Alexkor SOC Ltd:** Climate Change Plan as Directed by the Department of Public Enterprises Climate Change Policy Framework for State Owned Companies (2014).

---

### *Environmental Training*

- **Gropec (Pty) Ltd:** Developed training material and provided environmental awareness training to about 600 employees of Eskom's Kendal Powerstation on matters related environmental rights as prescribed by Section 24 of National Environmental Management Act (107 of 1998) and waste management, auditing and general matters related to pollution control. (2012-2013).
  - **Elgagen (Pty) Ltd:** Environmental awareness training for personnel responsible for implementing the EMP and also awareness provided for the adjacent community to partner with the plant in monitoring environmental commitments (2010).
  - **Trans Hex Operations (Pty) Ltd:** Ongoing environmental training of employees with environmental obligations to promote compliance with conditions of the environmental management plans – Environmental awareness and competence training on how to implement environmental commitments (for Baken Mine, Bloeddrift Mine and Reuning Mine. Focusing on Mining and Earth moving, Mineral Processing and Support and services such as water supply personnel. Training also incorporated members of community property association who are responsible for monitoring EMP implementation on site. (2005, 2006, 2009 and 2010).
  - **Reuning Mine:** Environmental awareness training on waste management for all employees with environmental responsibilities to ensure that there is waste minimisation and proper handling and management of waste disposal landfill sites (2010).
  - **CGM Louis Trichardt Joint Venture, Kutama-Senthumule Maximum Security Prison:** Training of senior construction site personnel in environmental management. (2000).
  - **Etruscan Diamonds (Pty) Ltd:** Environmental training of employees with environmental obligations to promote compliance with conditions of the environmental management plans (2008).
  - **Etruscan Diamonds (Pty) Ltd:** Environmental training of the community who were 26% shareholders in the mining venture to be able to understand the environmental commitments and assist in monitoring compliances (2008).
  - **Abongi Bemvelo Services:** Environmental training of personnel in environmental management – introduction to mining (2008).
  - **Gropec (Pty) Ltd:** Environmental Awareness Training Course for Eskom's Kendal Power Station employees, Witbank, Mpumalanga (2012).
  - **Gropec (Pty) Ltd:** Managing Environmental Aspects – Waste Management Training Course for Eskom's Kendal Power Station employees, Witbank, Mpumalanga (2013).
  - **Aplorox (Pty) Ltd:** Environmental Management and Waste Management Training Course (2017).
  - **Gijima Supply Chain Management Services (Pty) Ltd:** Environmental Management and Waste Management Training Course (2017).
-

### ***Environmental Auditing***

- **Trans Hex Operations (Pty) Ltd:** Lead auditor for annual external audits undertaken for Trans Hex's mining operations- Baken Mine, Bloedriff Mine and Reuning Mine, Northern Cape (2005, 2006, 2007 and 2008).
- **Trans Hex Operations (Pty) Ltd:** Lead Auditor for biannual performance assessment external audits for Baken Mine, Bloedfirr Mine and Reuning Mine, Northern Cape (2010, 2012).
- **Trans Hex Operations (Pty) Ltd:** Lead auditor and environmental audit reports compilation for prospecting mining closure applications (More than 20 audits and closure application (2008-ongoing)).
- **Trans Hex Operations (Pty) Ltd:** Lead auditor for Annual and quarterly internal audits undertaken for five mining operations in preparation for the external audits (2003-2004).
- **Trans Hex Operations (Pty) Ltd:** Annual and two yearly external monitoring and performance assessment audits and annual financial provision revision for Sea Concession 11(a) and 12(a) and 13(a), Northern Cape 2005-2011 (in progress).
- **Trans Hex Operations (Pty) Ltd:** Performance assessment audits for sea concession area 3(b), 5(b) (5a), 6(a) and 7(a), Northern Cape (2012).
- **Trans Hex Operations (Pty) Ltd:** Performance assessment biannual audits for Hondeklip Bay Mine and Brazil Mine. (2012).
- **Double Ring Mineral Resources (Pty) Ltd:** Performance Assessment for prospecting activities on Farm Goedehoop 196 HT, Piet Retief in Mpumalanga Province (2012).
- **Enermin Africa (Pty) Ltd:** Performance Assessment for Enermin Africa (Pty) Ltd prospecting activities on Farm Molopo Ratshidi 302, within the Mafikeng Local Municipality, North West Province (2013).
- **Alexkor Ltd:** Performance assessment report for the prospecting activities undertaken over Sea Concession 1(c), within the Administrative District of Namaqualand, Northern Cape (2013).
- **Double Ring Mineral Resources (Pty) Ltd:** Performance assessment report for the mining activities on Farm Batavia 176 KP, within the Magisterial District of Thabazimbi, Limpopo province (2013).
- **Trans Hex Operations (Pty) Ltd-**Performance Assessment Report for Sea Concession 11(A), 12(A), 13(A) and corresponding Surf Zones and Admiralty Strip (2013).
- **Trans Hex Operations (Pty) Ltd-**Performance assessment report for Transhex Bloeddrift Agricultural Activities located on Farm 11 and Portion 5 of Bloeddrift within the Richtersveld Local Municipality, Northern Cape Province (2013).
- **Trans Hex Operations (Pty) Ltd-**Performance Assessment Audit for Baken Mine Situated in The Richtersveld Local Municipality Under the Namakwa District Municipality, Northern Cape Province (2014).
- **Trans Hex Operations (Pty) Ltd-**Performance Assessment Audit for Bloeddrift Mine Situated in The Richtersveld Local Municipality Under the Namakwa District Municipality, Northern Cape Province (2014).
- **Trans Hex Operations (Pty) Ltd-**Performance Assessment Audit for Reuning Mine Situated in The Richtersveld Local Municipality Under the Namakwa District Municipality, Northern Cape Province (2014).
- **Alexkor SOC Ltd:** Renewal report for the prospecting activities undertaken over Sea Concession 1(c) within the Administrative District of Namaqualand, Northern Cape Province (2013).
- **Alexkor SOC Ltd:** Performance assessment for the prospected Sea Concession 1(c) located with Administrative District of Namaqualand, Northern Cape Province (2013).
- **Gijima Supply Chain Management Services (Pty) Ltd:** Monthly Performance Assessment Audit for the operation of a Railway Siding on portion 1 of Farm Vandyksprut 214 IR within Delmas Local Municipality in the Nkangala district, in Mpumalanga Province (2015- ongoing).

***Boat Launching Application in terms of Regulation 7 of the regulations published in terms of Section 44 of the National Environmental Management Act, 1998 (Act No. 107 of 1998) and GN No. 1399 of 21 December 2001***

- **Trans Hex Operations (Pty) Ltd:** Boat Launching Application in terms of Regulation 7 of the regulations published in terms of Section 44 of the National Environmental Management Act, 1998 (Act No. 107 of 1998) and GN No. 1399 of 21 December 2001 for the proposed Brazil Boat Launching Site, in Northern Cape (2012).

***Waste License Application in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008)***

- **Trans Hex Operations (Pty) Ltd:** Environmental Impact Assessment Report for Baken and Bloeddrift Mine Waste Disposal Site, Northern Cape (2012).
- **Matsulu Waste Transfer Station:** Basic Assessment Report for License Application for the proposed construction of a Waste Transfer Station in Matsulu Township in Mbombela Local Municipality (2017).

***Water Use Licence Application in terms of the National Water Act, 1998 (Act No. 36 of 1998)***

- **Trans Hex Operations (Pty) Ltd:** Integrated Water and Waste Management Plan (IWWMP) in terms of the National Water Act, 1998 (Act No. 36 of 1998), for De Punt Mine located within the Matzikana Municipality, Western Cape (2013).
- **Trans Hex Operation (Pty) Ltd:** Water use licence applications (2006-ongoing).
- **Enermin Africa (Pty) Ltd-**Water Use Licence Application for Koi-Koi Crushers Project, Situated on Part of Farm Molopo-Ratshidi 302 Jo, within Mafikeng Local Municipality.
- **Vuka Afrika Consulting Engineers and Project Managers:** Water use licence application for the construction of the proposed Bokamoso Sewage Outfall Pipeline (2011-current), North West Province.
- **Aplorox (Pty) Ltd-** Water Use Licence Application for the Proposed Operations of Railway Siding and Associated Environmental Aspects on Forfar Railway Siding Portion 131 of The Farm Vaalbank 511 Jr Within the Kungwini Local Municipality (2014).
- **Clover Alloys (SA) (Pty) Ltd-** Water Use Licence Application for the proposed Crushing and Screening Beneficiation Plant on Portion 23 (Portion 13-Lg 306) of Farm Rietfontein, Under Rustenburg Local Municipality (2014).

***Rectification of an Unlawful Activity in terms of Section 24 G of the National Environmental Management Act, 1998 (Act No. 107 of 1998)***

- **Alexkor SOC Ltd-** Application for rectification an unlawful activity on Farm No. 1 and Port Nolloth Reserve No. 115 within the Namaqualand District Municipality, Northern Cape.



### Environmental Screens

- **Gijima Supply Chain Management Services (Pty) Ltd**-Environmental screen tool designed for use in assessing lease application for Arbor Siding Project within Emalahleni Local municipality, Mpumalanga (2014-current).

### OTHER PROJECTS INVOLVEMENT PRIOR TO 2005

#### *Environmental Impact Assessments*

- **BHP/Resolute Joint Venture, Belahouro Gold Project:** Co-ordination of pre-feasibility level environmental scan for Belahouro Gold Mining Project, Burkina Faso (1999).
- **Rio Tinto Zimbabwe, National Power United Kingdom, Zimbabwe Electricity Supply Authority, Gokwe North Project, Zimbabwe:** Gokwe North Power Project environmental impact assessment (EIA), Zimbabwe: Legislation interpretation for an EIA to ensure compliance with World Bank requirements (1999).
- **Maguga dam Joint Venture:** Co-ordinated and managed Environmental impact assessment as required by the Swazi Environmental Authority for the construction of an attenuation dam downstream of Maguga Dam to regulate flow into the Komati River, Swaziland. (2001)
- **Jeffares and Green Inc and Gauteng Department of Public Works and Transport, PWV 9 Road:** Co-ordination and public involvement of the scoping study in support of environmental authorisation for the development of the PWV 9 toll highway, Gauteng. (1999 – 2001).
- **Ericsson Cellular SA (Pty) Ltd / Skanska Telecom Networks (Pty) Ltd / Proconord International OY, Installation of Cellular Network:** Co-ordinated site screening, visual impact assessment and report writing for the proposed installation of cellular base stations, Gauteng. (2000-2001).
- **Rustenburg Local Municipality:** Basic Assessment for Construction of the Proposed Bokamoso Sewage Pipeline on Portion 1,2,10,13,50 and 86 of the Farm Paardekraal 279 JQ, Portion 19 and 38 of the Farm Waterval 303 JQ and Remainder of Farm Waterval 303 JQ, Rustenburg Local Municipality, North West Province (2013).

#### *Environmental Management Programme Reports*

- **Barplats Mines Limited, Re-opening of Crocodile River Mine:** Co-ordination and a management of an EIA for the re-opening of Crocodile River Mine in the North West Province. The EIA was used to produce an environmental management programme report (EMPR) that was submitted to obtain mining authorisation in terms of the Minerals Act (No. 50 of 1991). (1999-2000).
- **Nkomati Joint Venture, Expansion of Nkomati Mine:** Management of a public involvement programme for an EIA to produce an EMPR for expansion of the Nkomati Mine, Mpumalanga, using open cast mining methods. (1999-2000).
- **Kroondal Platinum Mines Limited, Phase II Expansion:** Management of a public involvement programme for an amendment to an environmental management programme report, North West Province (2000-2001).
- **Rustenburg Platinum Mine-Union Section:** Co-ordination of an amendment (tailings dam, opencast section, a railway line and a mineral processing plant) to an environmental management programme report, Northwest, (2001-2002)

- **Rustenburg Platinum Mine-Union Section:** Management of a revision of an approved environmental management programme report into environmental management system format according to ISO 14001 specifications, Northwest Province (2001-2003).
  - **Rustenburg Platinum Mine-Rustenburg Section:** Co-ordination of an environmental management programme report for an open cast mine in Waterval 306 JQ farm in Rustenburg, Northwest. (2001-2002).
  - **Anglo American Platinum, Potgietersrust Platinums Limited:** Managed compilation of an environmental management programme report amendment for a new tailings dam in Potgietersrust, Northern Province. (2002).
-