

Tsakane Zwane



PERSONAL DETAILS

Surname : Zwane

First names : Tsakane

Maiden name : Radebe

ID number : [REDACTED]

Cell number : [REDACTED]

Email : [REDACTED]

Nationality : South African

Area of Residence : North West, Hartbeespoort

Home language : Xitsonga

Other languages : English, isiZulu and Sesotho

Marital status : Married

Dependents : Three

Driver's licence : C1

Notice period : None

ABOUT

A young, enthusiastic and strategic leader who has extensive experience in the South African public sector-built environment. Currently serves as the Deputy Chairperson of the Vaal Orange Catchment Management Agency (VOCMA) governing Board and the Chairperson of the Technical Committee. Majored in strategy development and implementation during her Master of Business Administration (MBA) electives at the University of Pretoria. A Project Management Professional (PMP); affiliated with the Project Management Institute since 2016. Was part of an executive committee, bid adjudication committee and clean audit task team that achieved a clean audit outcome from the Auditor General for the financial year 2019/2020; the first in 10 years for Magalies Water. In her role as General Manager Project Management Unit, she oversaw a project implementation budget of up to R2billion per annum depending on funding availability.

EDUCATION BACKGROUND

Institution	:	University of Pretoria (GIBS)
Qualification	:	Master of Business Administration
Date	:	2021
Institution	:	University of Pretoria (GIBS)
Qualification	:	Postgraduate Diploma General Management
Date	:	2019
Institution	:	University of Pretoria (GIBS)
Qualification	:	Postgraduate Diploma in Business Administration
Date	:	2018
Institution	:	Vaal University of Technology
Qualification	:	Bachelor of Technology Mechanical Engineering
Date	:	2016
Institution	:	University of Johannesburg
Qualification	:	National Diploma Mechanical Engineering
Date	:	2012

TRAINING, SEMINARS & WORKSHOPS

- Future Development Dealership Program
- Certification of Capability in Business Analysis (CCBA)
- Certified Associate in Project Management (CAPM)
- Board of directors Induction
- Corporate Governance and Board Effectiveness
- Advanced Project Management
- Emotional Intelligence
- Middle Management Leadership Development Program (MMLDP)

PROFESSIONAL AFFILIATION

Institution	:	Project Management Institute
Certification	:	Project Management Professional (PMP)
Institution	:	Institute of Directors South Africa (IoDSA)
Certification	:	Member

CAREER SUMMARY

Name of company	:	Vaal - Orange Catchment Management Agency
Dates of employment	:	December 2023 – Current
Position(s) held	:	Deputy Chairperson of the Board Chairperson Technical Committee

Name of company	:	Department of Transport
Dates of employment	:	December 2022 – Current
Position(s) held	:	Member of the Integrated Transport Sector B-BBEE Charter Council (Youth Representative)

Name of company	:	First Principles Engineering
Dates of employment	:	May 2021 – Current
Position(s) held	:	Founder and CEO

Name of company	:	Magalies Water Board
Dates of employment	:	May 2016 – April 2021
Position(s) held	:	General Manager Project Management Unit
Reason for leaving	:	End of contract

Name of company : Transnet Freight Rail
Dates of employment : November 2011 – April 2016
Position(s) held : Project Manager (October 2014 – April 2016)
 : Project Manager (November 2011 – September 2014)
Reason for leaving : Seeking an exciting and challenging role

Name of company : Transnet Engineering
Dates of employment : August 2010 – July 2011
Position(s) held : Learner Technician
Reason for leaving : End of contract

PROFESSIONAL EXPERIENCE

1. Vaal - Orange Catchment Management

The Vaal-Orange CMA was established in November 2022, extending the boundaries and operational area of the Vaal River CMA to include the Orange water management area, with all initial functions and delegated functions performed in the Vaal River CMA to now fall under the Vaal-Orange CMA. The purpose of the CMA is to enhance decentralised decision-making involving stakeholders in managing water resources at a local level.

Deputy Chairperson: Vaal - Orange Catchment Management Board

Chairperson: Technical Committee

December 2023 – Current

The CMA carries out various functions outlined in Section 80 of the National Water Act, including coordinating water use activities and managing institutions related to water users within the water management area.

The role of the CMS is detailed below:-

- Meet the basic human needs of present and future generations;
- Promote equitable access to water;
- Redress the results of past racial and gender discrimination; and

- Facilitate social and economic development

2. DEPARTMENT OF TRANSPORT

The Department of Transport is responsible for regulation and coordination of Transportation in South Africa that is Public Transport, Rail Transportation, Civil Aviation, Maritime Transport and Road Transport.

MEMBER: THE INTEGRATED TRANSPORT SECTOR BROAD BASED BLACK ECONOMIC EMPOWERMENT CHARTER COUNCIL

December 2022 – Current

The mandate of the Council as laid out in the Transport Charter is:

- to facilitate the communication and popularisation of the charter and scorecard
- to provide interpretation and guidance with respect to the Charter and Scorecard
- to facilitate the provision of practical implementation support to the industry
- to facilitate cross industry and government negotiation to promote the application and implementation of the Charter and Scorecard
- to compile an annual report on the Transport Sector's progress in implementing the Charter and Scorecard.
- to develop the framework as well as capacity, for the implementation of the Transport Charter
- to facilitate implementation of programmes to fast-track Broad Based BEE
- to advise the Minister on B-BBEE related legislative and regulatory developments

3. FIRST PRINCIPLES ENGINEERING

First Principles Engineering (FPE) (Pty) Ltd, is a 100% black-owned innovative solutions company which provides sustainable technology products and services to enhance business efficiency and profitability. Technology solutions are developed using basic engineering concepts. FPE also plans and executes structural, mechanical, platework and piping (SMPP) work.

FOUNDER AND CEO

May 2021- Current

Duties and responsibilities include:

- Strategy development and implementation
- Adherence to good corporate governance
- Formulate and manage stakeholder relationship
- Plan cost-effective business strategies and develop new ideas based on market and industry
- Direct activities of the business while ensuring triple bottom-line sustainability
- Solicit funding and partnership platforms
- Corporate branding and marketing

4. MAGALIES WATER

Magalies Water is a regional water utility established in terms of Section 28 of the Water Services Act 108 of 1997. It provides bulk water and sanitation services to municipalities, mining operations and industrial customers across the three provinces of Gauteng, Limpopo and North West.

GENERAL MANAGER: PROJECT MANAGEMENT UNIT

May 2016 – April 2021

Key Dimensions

- **Reports to** : Chief Operations Officer
- **Budget/Revenue** : Department Budget: R5-10 million
Project implementation budget: up to R2billion per annum
- **Key Projects** : Moretele South Bulk Scheme (30km bulk water pipeline and command reservoir)
: Sondela Booster Pump-station
: Wallmannsthal water treatment works (WTW) Highlight-pump upgrade
: Regional Bulk Infrastructure Grant - Koster wastewater treatment works (3Ml/d)

- : Regional Bulk Infrastructure Grant – Brits WTW 20MI/d upgrade
- : Upgrading of the Klipdrift WTW (24MI/d)
- : Zeekoegat gravity pipeline (11km)
- : Tuschenkomst to Ruighoek Pipeline (16.5km) and Pump-Station
- : Wallmannsthal WTW Rising Main
- : Baviaanspoort Rising Main
- : Cullinan WTW pump-station upgrade
- : Vaalkop WTW upgrade (30MI/d) with a 15MI clear water reservoir
- : Vaalkop WTW 70 MI/d highlift booster pump-station
- : Various Water Services Infrastructure Grant projects within the Bojanala district
- : Management of the operations and maintenance of section 30 Moretele rural scheme contract

Key Achievements

Financial Year 2020/21 (July 2020-April 2021)

- Developed a project management policy that was approved by the Board
- Revised the existing project management framework to meet the current environmental changes and requirements
- Was part of the executive committee, bid adjudication committee and clean audit task team that achieved a clean audit outcome from the Auditor General for financial year 2020
- Successfully managed a CAPEX budget of R170 million
- Successfully managed the operations and maintenance of section 30 Moretele Rural Scheme Contract with a budget of R 9 million budget

Financial Year 2019/20 (July 2019-June 2020)

- Successfully managed a CAPEX budget of R136 million
- Completion of the following projects has been reached: Sondela Booster Pump-station & Wallmannsthal Highlight-pump upgrade
- Management of the operations and maintenance of section 30 Moretele Rural Scheme Contract (R 9 million budget)

Financial Year 2018/19 (July 2018-June 2019)

- Successfully managed a CAPEX budget of R155 million
- Completion of the following projects was reached: Upgrading of the Klipdrift Water Treatment Works (24MI/d); Zeekoegat gravity pipeline (11km), Tuschenkomst to Ruighoek Pipeline (16.5km) and Pump-Station; and various WSIG projects within the Bojanala district
- Successfully managed the operations and maintenance of section 30 Moretele Rural Scheme Contract (newly added responsibility)

Financial Year 2017/18 (July 2017-June 2018)

- Successfully managed a CAPEX budget of R296.5 million
- Completion of the following projects was reached: Wallmannsthal Rising Main; Baviaanspoort Rising Main; Cullinan pump-station upgrade and various WSIG projects within the Bojanala district

Financial Year 2016/17 (July 2016-June 2017)

- Successfully managed a CAPEX budget of R157 million
- Completion of the following projects was reached: Vaalkop Water Treatment Works upgrade (30MI/d) with a 15 MI clear water reservoir; Vaalkop 70 MI/d highlift booster pump-station and various Water Services Infrastructure Grant (WSIG) projects within the Bojanala district

Key Outputs

- Oversee daily operations for the business unit i.e. program and project management for bulk infrastructure projects
- Ensure the creation and implementation of a strategy designed to grow the business
- Coordinate the development of key performance goals for functions and direct reports

- Provide direct management of key functional managers in the business unit
- Ensure the development of tactical programs to pursue targeted goals and objectives
- Ensure overall delivery and quality of the unit's offerings to customers
- Engage in key or targeted customer activities
- Oversee key hiring and talent development programs
- Evaluate and decide upon key investments in equipment, infrastructure and talent
- Communicate strategy and results to the unit's employees
- Engage with corporate officers in broader organizational strategy planning.
- Oversee operations and maintenance of the section 30 contracts
- Presentation of the Capex report quarterly to the Board and the Capital Investment Committee

5. TRANSNET FREIGHT RAIL

Transnet Freight Rail is the largest Operating Division of Transnet. The division's primary business is to provide rail transport of commodities for the export, regional and domestic markets. Transnet Freight Rail operates the world-class heavy haul coal and iron ore export lines and is developing the manganese export corridor to heavy haul standards.

5.1. PROJECT MANAGER

October 2014 – April 2016

Key Dimensions

- Reported to : Executive Manager
- Budget/Revenue : R2 million per annum
- Key Projects : Establishing a project management office within Transnet School of Rail (SoR)

Key Achievements

- Successfully introduced the 10 project management knowledge areas to the Transnet SoR curriculum development specialists

- Conducted training and coaching on how project management can be utilized to enhance current performance
- Developed templates for project management such as: SoR project management methodology, project charter, risk register, stakeholder analysis template etc.

Key Outputs

- Played an essential role in managing key strategic projects within the SoR
- Ensured smooth day to day operations
- Established a project management office (PMO)
- Developed and defined PMO strategy
- Coaching of project leaders/curriculum development specialists
- Training of project leaders/curriculum development specialists
- Planned and chaired project meetings
- Developed controls to ensure good project management practice.
- Development of key project documents for governance compliance.
- Maintained standards, templates and deliverables
- Prepared, implemented and evaluated projects plans to enable successful completion of the project
- Ensured the overall coordination of the scope of work for projects.
- Implement the agreed action plans /project plans to the agreed standards and deadlines
- Regularly liaison with projects stakeholders on all project related matters
- Ensured effective preparation of the delivery of all project events, meetings and production of all necessary documentations
- Identified and pursued opportunities that might be suitable for the engagement of the project
- Took responsibility for the effective flow of information between all stakeholders of the projects

5.2. PROJECT MANAGER

November 2011 - September 2014

Key Dimensions

Reported to	:	Program Manager
Budget/Revenue	:	up to R500 million per annum
Key Projects	:	Wagon new builds
	:	Wagon refurbishments
	:	Infrastructure refurbishments

Key Achievements

- Successful rollout of the new car carrier wagons program
- Successful rollout of the tank wagons refurbishment program
- Acted in the capacity of Program manager for 1 month

Key Outputs

- Managed key strategic projects on the Capital Expenditure budget for Wagons (refurbishment and new builds) and Infrastructure refurbishments
- Identified, mitigated and monitored project risks identified.
- Development of key project documents for governance compliance.
- Maintained standards, templates and deliverables.
- Prepared, implemented and evaluated projects plans to enable successful completion of the project.
- Ensured the overall coordination of the scope of work for projects.
- Implemented the agreed action plans /project plans to the agreed standards and deadlines.
- Regularly liaison with projects stakeholders on all project related matters.
- Ensured effective preparation of the delivery of all project events, meetings and production of all necessary documentations.
- Facilitated meetings and workshops as appropriate.

- Identified and pursued opportunities that might be suitable for the engagement of the project.
- Took responsibility for the effective flow of information between all stakeholders of the projects.
- Ensured ongoing evaluation of the project plan and reported on the progress to the project manager, program director and the project sponsor.
- Ensured project legal documentations, invoices and purchase orders were completed, signed and well captured to ensure projects are delivered within scope, time and budget.

6. TRANSNET ENGINEERING

Transnet Engineering is an engineering division of Transnet SOC Ltd, based in South Africa, comprising a group of product focused businesses in manufacture, upgrading conversion, repair and maintenance of railway rolling stock, as well as spares and associated transport equipment.

LEARNER TECHNICIAN

August 2010 – July 2011

Key Dimensions

Reported to	:	Product Engineer
Budget/Revenue	:	0
Key Projects	:	Optimization of the production line

Key Achievements

- Optimized the tanker wagons refurbishment line using continuous improvement

principles

- Successfully completed the practical training

Key Outputs

- Storehouse sorting of material

- Studied basic rail operations and maintenance principles
- Exposure in product development of wagons
- Learned how to perform continuous improvement on the production line
- Gained technical skills in filling, welding and grinding
- Exposure to mechanical design and the drawing office

REFERENCES

1) [REDACTED]
[REDACTED]
[REDACTED]
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