



2017

Electrical & Mechanical Engineering

A FIFTH DIMENSION TO ENGINEERING



Element Consulting Engineers

Company Overview

Element Consulting Engineers, (Registration No 2002/444) is a firm of multi-disciplinary Consulting Engineers. The company is young and dynamic and with an average age of 33 years old for all its employees it is evident that since 2008 mostly young engineers were appointed. They were being mentored and trained to become Professional Engineers and most were now ready to become the new Shareholders and young Management team for Element. Our head office is in Windhoek, with an office in Ongwediva and the recently opened office in Swakopmund that will serve the Coastal/Erongo region.

Element Consulting Engineers is active in the fields of civil, water and sanitation, township and municipal engineering, roads, structural, electrical and mechanical engineering, as well as project management and property development.

- 40% PDP Management
- Staff Complement of 35 of which 30 are Namibian
- Engineering Bursary Scheme since 2008
- Joint-Ventures and Technical Exchange with Consulting Firms owned by Previously Disadvantaged Namibians.
- Corporate Social Responsibility projects

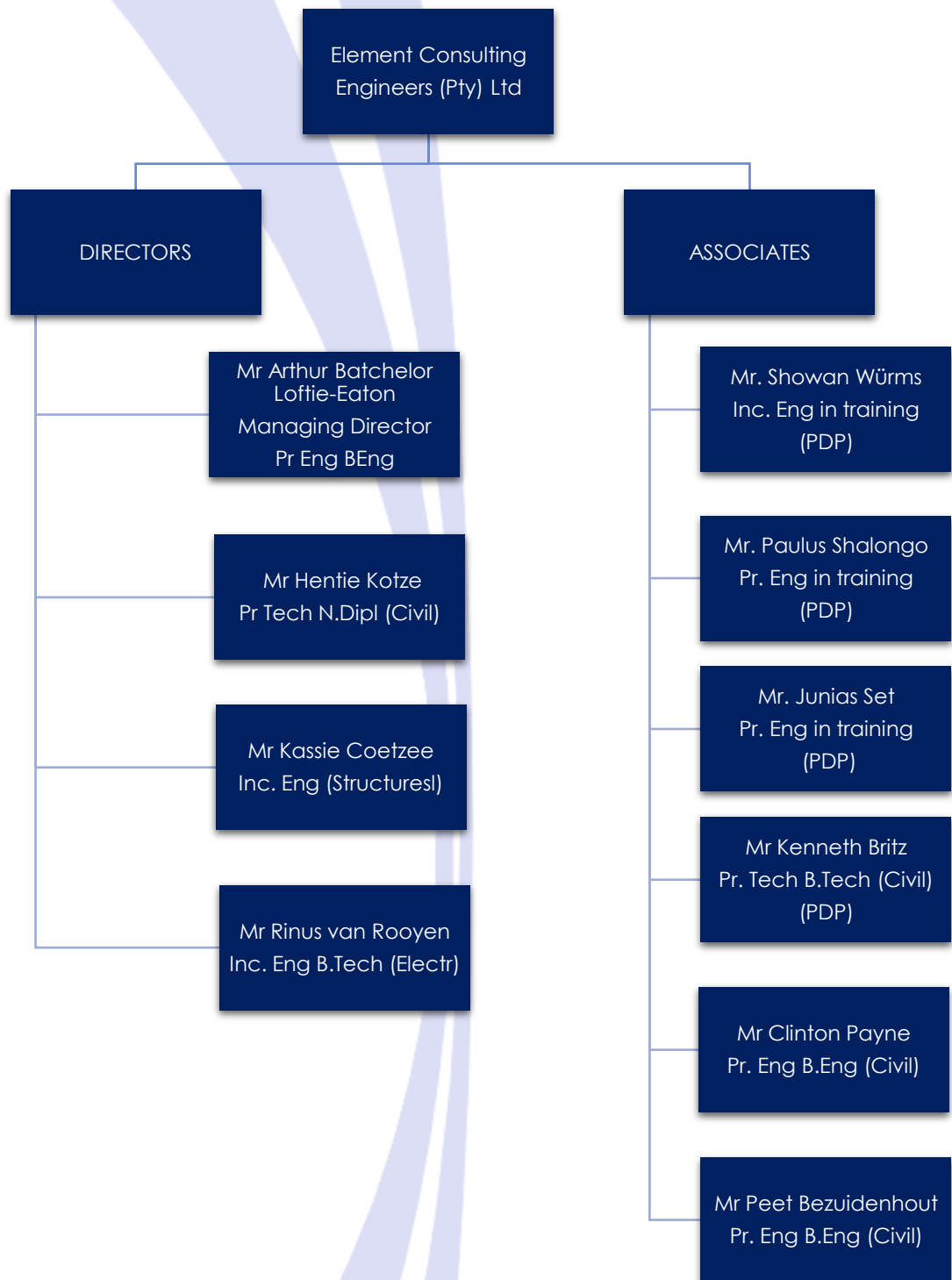
The Company strives to achieve excellence in all the services it provides and to provide meticulous attention to detail whether projects are large or small. It is an independent company with no obligations to or ties with any commercial concern which could influence the professional judgement, recommendations or decisions given by the Company.

Associations

Our personnel are members of a variety of professional and voluntary associations, including the following:

- Engineering Council of Namibia (ECN)
- Engineering Council of South Africa (ECSA)
- South African Institution of Civil Engineers (SAICE)
- Association of Consulting Engineers Namibia (ACEN)
- Engineering Professions Association Namibia (EPA)

Management Structure



The company is 100% Namibian owned.

Our Electrical & Mechanical Team



Rinus van Rooyen

Director: Electrical/Mechanical Department
B Tech Electrical
IE2011-1



Ndeutala S. Iita

Mechanical Engineer
BSc Eng. (Mechanical)
PE2013-14(TR)



SP Jansen van Vuuren

Electrical Engineer
B.Eng. Mechatronics
PE2011-18(TR)



Iyaloo L.M. Ndevahoma

Electrical Engineer
B Tech (Electrical)
IE2014-43 (TR)



Nampie van Niekerk

Electrical Engineer
BSc Eng. (Electrical)
IE2016-37(TR)



Francois Muller

Mechanical Engineer
B Eng. Mechanical

Our Electrical & Mechanical Team continued

Element Consulting Engineers has extensive experience in providing a wide range of professional services in the field of electrical, mechanical and electronic engineering. These services range from Electrical Infrastructure for industrial developments and substations to electrical, mechanical and Electronic Building Services for luxury residential and commercial developments. Element Consulting Engineers have been involved in the planning, design, drawing, documentation and implementation of a variety of related projects.

Projects include factories, industrial parks, industrial processing plants, substations, medium and high voltage power lines, street lighting, rural electrification, shopping centers, hotels, reserve banks, schools, retirement villages, residential developments, apartment blocks and country estates.

The range of electrical engineering services that the company provides includes Energy Efficient studies and design, with an emphasis on the implementation of Energy Efficient Building guidelines and Alternative or Renewable Resource Investigations.

Rinus van Rooyen is a professional incorporated engineer with 12 years experience in a wide range of services in the field of electrical and electronic engineering. These service range from electrical and electronic building services, electrical infrastructure, luxury residential and commercial developments. He has been involved in planning, design, drawing, documentation and implementation of a variety of related projects, including factories, industrial parks, medium and low voltage reticulation networks, rural electrification, shopping centres, apartment blocks, schools, clinics, residential developments and country estates. He was appointed as the Director of the Electrical and Mechanical Department in May 2014.

Ndeutala S. Iita is a Mechanical Engineer and is registered with the Engineering Council of Namibia as a Professional Engineer in Training (PE2013-14(TR)). She has worked on various private and governmental projects; ranging from Medical- and Laboratory Gas Reticulation Systems, Borehole Drilling and Borehole Pumping systems, HVAC Systems for warehouses and offices, Internal and External Water Reticulation, Water Heating Systems and Fire Protection in various occupied and none-occupied buildings.

SP Jansen van Vuuren is an Electrical Engineer and is registered at the Namibian Engineering Council as an engineer in Training (PE 2011-18 TR). He specializes in Lightning and Earthing Protection, LV Distribution Networks, Building and Electronic services such as CCTV, Access Control and Fire detection. He has experience in the FMCG environment due to his employment at Namibia Breweries and has more than 5 years experience with the Namibian consulting industry.

Iyaloo L.M. Ndevahoma joined Element Consulting Engineers in 2014. She completed her BTech in Electrical Engineering at the Namibia University of Science and Technology. She is registered with the Engineering Council of Namibia as an Incorporated Engineer in Training (IE2014-43(TR)). From 2012-2014, she was employed at Solar Age Namibia where she gain extensive knowledge in Renewable Energy, specifically on On-Grid Photovoltaic Systems, Solar Water Heater Systems and Solar Pump Systems. During her time at Element Consulting Engineers she worked as an engineer on various LV and MV electrical projects; ranging from Building Electrical and Electronic Services to Rural Electrification projects.

Nampie van Niekerk is an Electrical Engineer and is registered at the Namibian Engineering Council in Training (IE2016-37(TR)). He specializes in Lightning and Earthing Protection, MV Distribution Networks, LV Distribution Networks, Building and Electronic services such as CCTV,

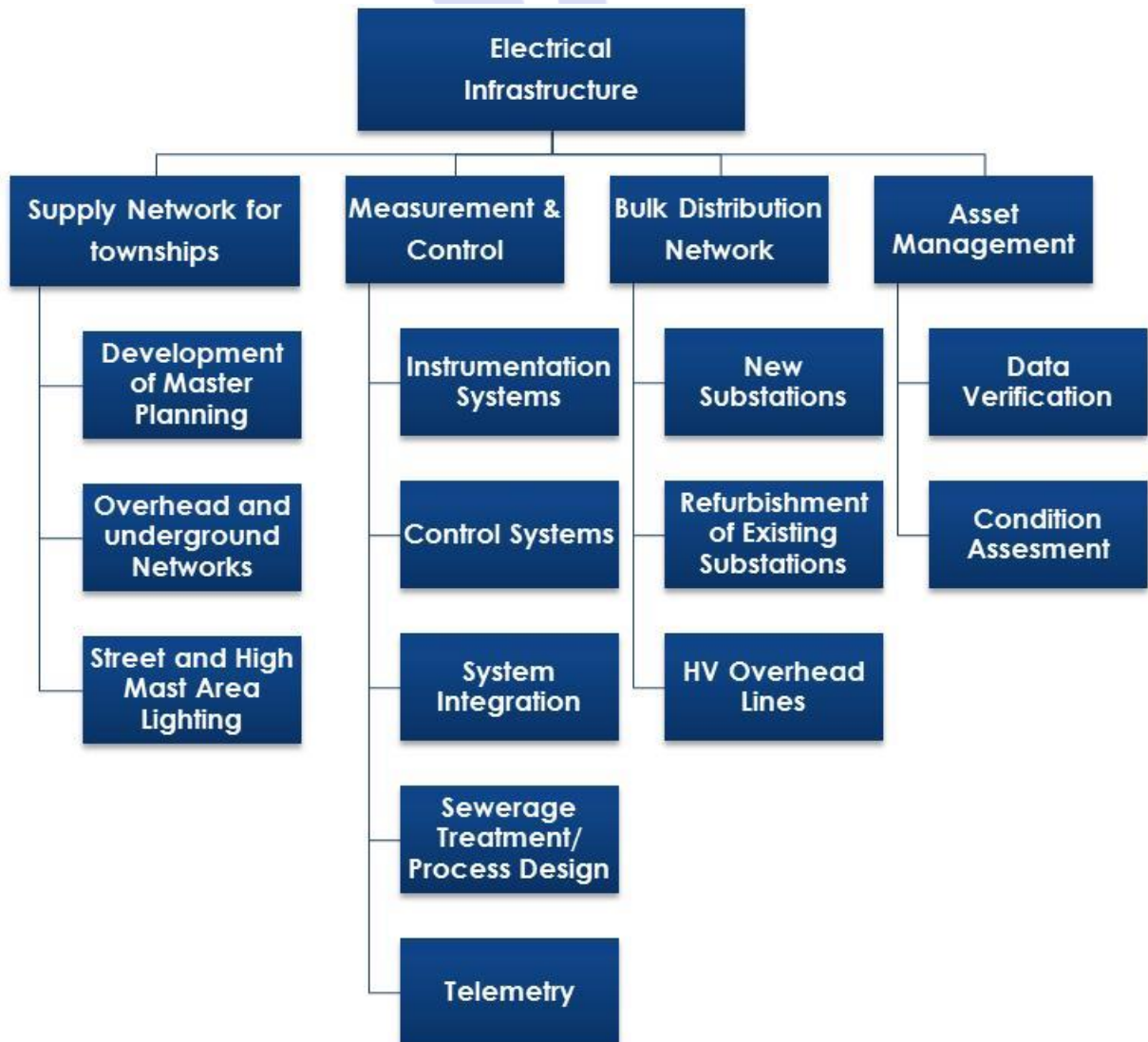
Access Control and Fire detection. He has extensive experience in the Namibian and South African Construction environment with more than 6 years' experience in the consulting industry.

Francois Muller is a junior Mechanical Engineer. He completed his Bachelor's degree in Engineering in 2016 and started his career as a mechanical engineer in 2017. He has worked on fire protection plans and is currently being trained in various fields of the mechanical engineering industry.

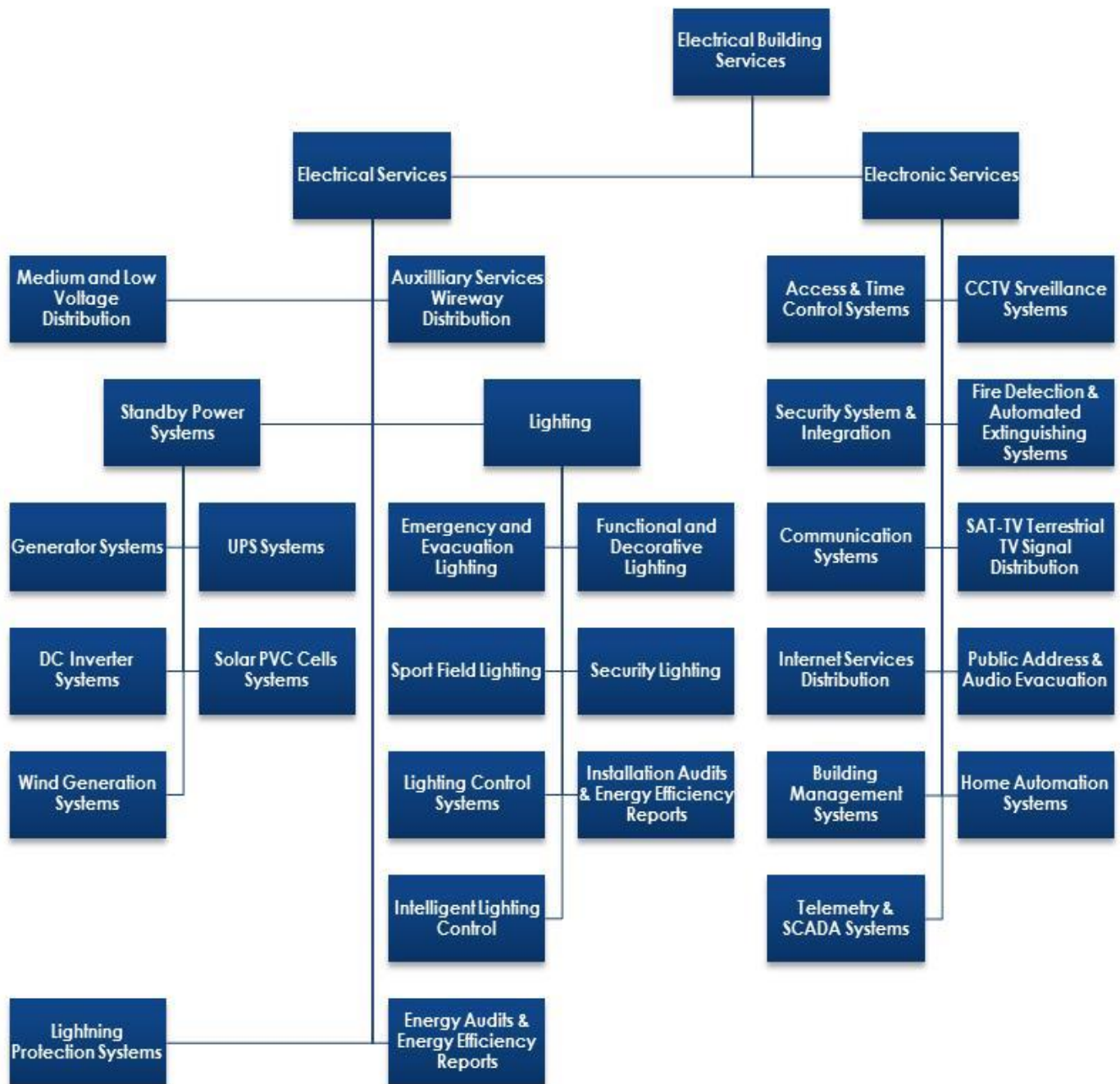
Scope of Services

We are proud to offer the specialist services of knowledgeable professionals with experience in the following fields:

Electrical Infrastructure



Electrical Building Services/ Electronic and Communication





Recent Electrical & Mechanical Engineering Projects



Otjinene Magistrates Court, Data, Emergency Power, Small Power and Lighting



Gregs Motor Spares, Warehouse and Offices, Small Power and Lighting



Westgate Hill Apartment Complex, Lighting and Small Power



Queen Sophia Clinic, Emergency Power, Lighting and Small Power, Fire protection, HVAC, water reticulation



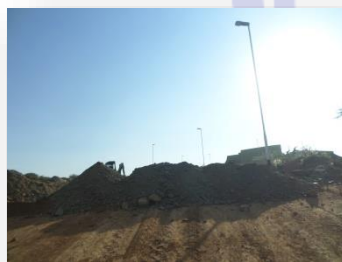
New Lecture Halls, Lighting and Small Power, Fire protection, HVAC



MV Network Survey at Walvis Bay, Oversee Fire protection



Adonai Court, LV Reticulation, Lighting and Small Power



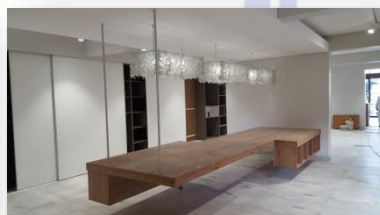
Erf 603, MV and LV Reticulation, Street Lighting



UNAM Chemical Store, Fire Detection, Lighting, Small Power, Emergency Power, Chemical Building. Fire protection, HVAC, Refrigeration



Bargain Building Supplies, Katima and Gobabis Fire Protection, HVAC Design



Touch of Style, Lighting and Small Power, Fire Protection, HVAC Design



NPTH DR Room, Lighting, Small Power, Emergency Power, Fire Detection, Fire Suppression



ABB Warehouse and New Offices, Lighting and Small Power, Emergency Power, Access Control, Fire Protection, HVAC Design



Mega Centre, MV, LV, Lighting and Small Power, Emergency Power



Tsumeb Smelter network inspection for PV Applications



Directorate of Auxiliary Service, Mariental HVAC, Plumbing, Fire Protection, Gas Suppression, Electrical, Access Control, CCTV, Electric Fence, Data Infrastructure



LPPH West. Lighting and Small Power, Fire protection, oversee HVAC design, oversee sewer & water reticulation



Dunes Mall. MV Reticulation, LV Reticulation, Internal Small Power & Lighting, Smoke Detection, Electronic services, Fire protection



Okahandja shopping Centre. MV Reticulation, LV Reticulation, Internal Small Power & Lighting, Smoke Detection, Electronic services, Fire protection, HVAC, water reticulation



Okahandja Shoprite. Fire protection, HVAC



Otjiwarongo Shoprite. Fire protection, HVAC, Lighting and Small Power



Mega Centre, MV, LV, Lighting and Small Power, Emergency Power



University of Namibia Performing Arts. Fire protection, HVAC and Electrical Refurbishment



Steps Building. Fire protection



Rural Electrification, School Electrification



NPI - MV Distribution,



NPI - LV Distribution and Internal lighting and Power

Contact Us

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