CYNTECH
HOLISTIC ENGINEERING SOLUTIONS

COMPANY PROFILE

www.cyntech.co.za

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Synthesising technology and collaborating with people to provide efficient and holistic engineering solutions for the built environment.

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1. ABOUT US

Cyntech Engineers and Managers (RF) (Pty) Ltd is a consulting engineering firm based in Cape Town, South Africa. We offer extensive expertise on a wide range of professional engineering, advisory and project management services for the petrochemical, building and urban development industries throughout sub-Saharan Africa. Cyntech gets its name from two words: cynosure and technology. We lead the way in designing holistic engineering solutions for our clients, ensuring their project comes to fruition.

Our passion is engineering and the built environment. Managing a project from an idea to completion and the ease with which our clients can use the systems we designed, gives us immense satisfaction. Our primary goal is to maximise the value on capital projects. We accomplish this by making our clients' lives simpler while ensuring their business and engineering processes are more effective and efficient. We keep up to date with the latest engineering trends and ensure that the correct technology is implemented in line with project requirements.

We love what we do and we enjoy engaging with our clients – ensuring they receive a positive experience is of the utmost importance to us. We aim to build meaningful relationships with our clients that transcend business as usual, leaving them with the knowledge that we're in the project together, to the end.

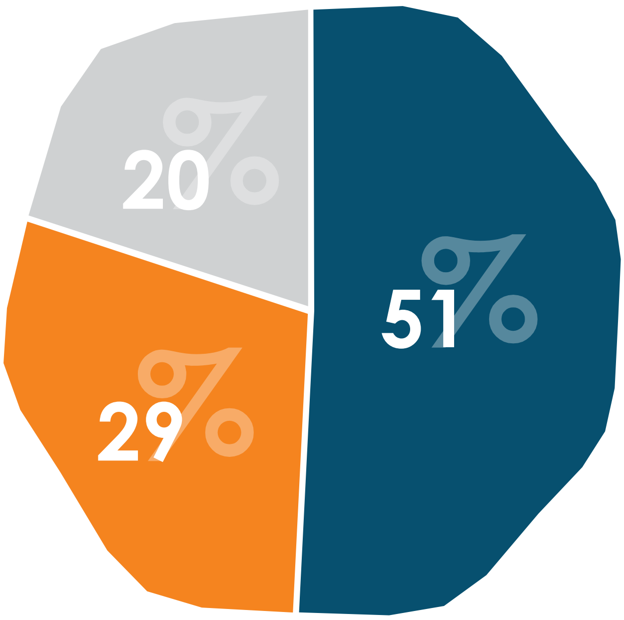
We aspire to meet or exceed our clients' expectations and complete the project in the best yet simplest way, without the need for micromanagement. We are highly adaptable and adjust our project management processes to suit the client's needs so that we align with their procedures, rules and regulations.

Cyntech aims to become an organisation that clients see as the ideal for practical, effective and efficient holistic engineering solutions in Africa, and can do this with our exceptionally qualified team who have decades of collective experience in the industry.

2. COMPANY MANAGEMENT AND OWNERSHIP

Cyntech has three (3) shareholders, namely the Cyntech BEE Trust, Willem de Villiers and Ashley Verhulp, as apportioned in the chart below:

CYNTECH OWNERSHIP



- Cyntech BEE Trust
- Willem De Villiers
- Ashley Verhulp

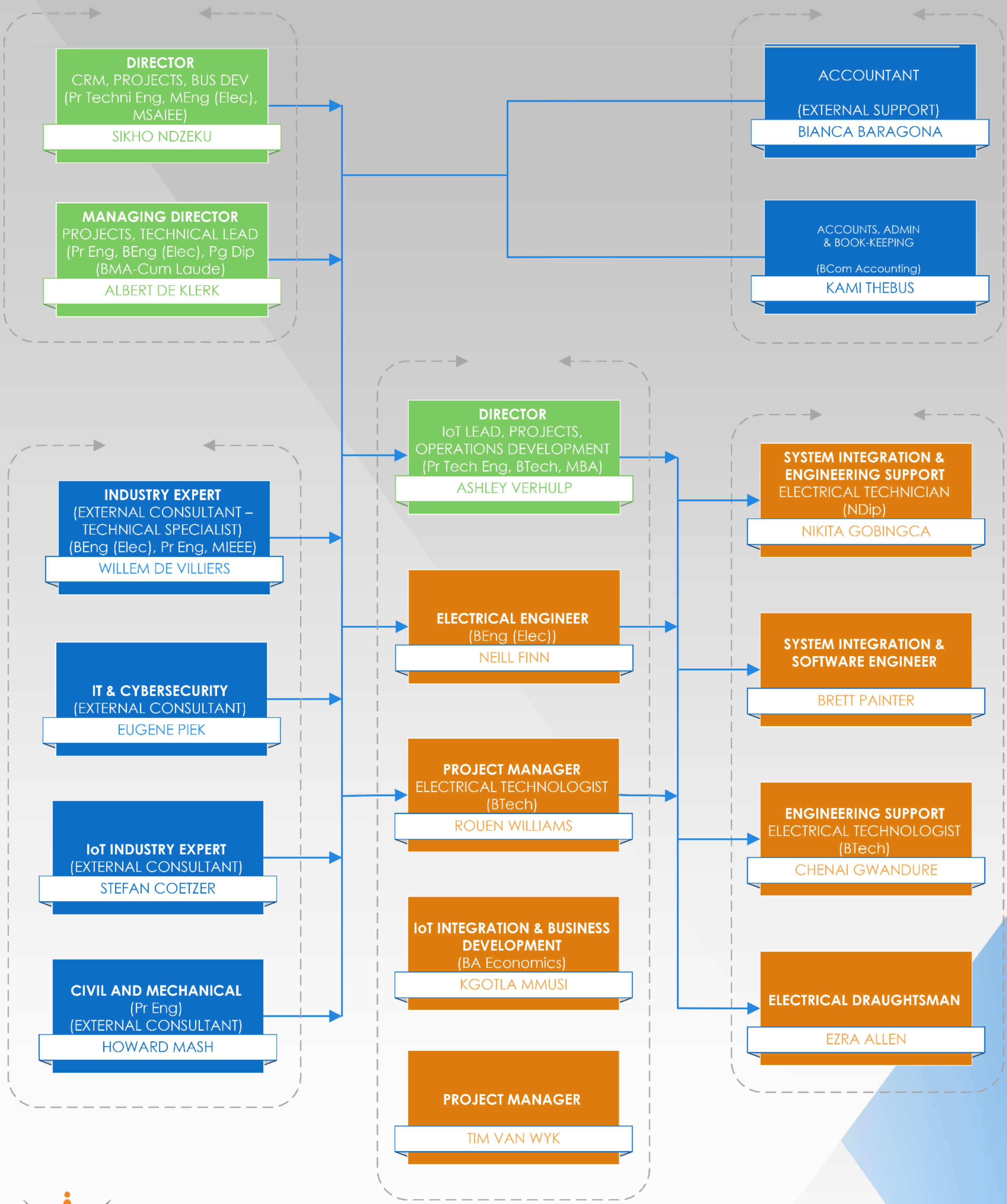
In accordance with the Memorandum of Incorporation (MOI), 51% of the company shall be Black owned at any given time.

The board of directors, currently elected to represent the shareholders are Theresa Le Grange, Willem De Villiers and Ashley Verhulp (chairman).

3. ORGANISATIONAL CHART

Cyntech has adopted a flat organizational structure for increased agility to manage projects efficiently and effectively.

All employees have increased involvement in most decision-making processes pertaining to engineering design. As such, all employees have an increased level of responsibility which results in increased coordination between all employees and ultimately, quick decisions. In order to address the ever-changing requirements in industry pertaining to multiple disciplines, Cyntech has formed strategic partnerships with highly experienced civil and mechanical engineers to assist the team as and when projects develop. A graphical representation of the company structure is shown on the overleaf.



CYNTECH
Holistic Engineering Solutions

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Cyntech is fully committed to engineering excellence

4. B-BBEE

Cyntech firmly believes in transformation and has followed a focused approach to empowering historically marginalised persons within the company.

The company has a black ownership profile of 51%, held via a Trust which has been established in terms of the Broad-Based Black Economic Empowerment Act (No. 53 of 2003) and the Amended Codes of Good Practice. The Cyntech BEE Trust provides ownership rights to black employees, serving as a vehicle that will enable them to obtain an economic interest in the firm, allowing for an organic distribution of profits.

Cyntech is proud to have obtained **Level 1 B-BBEE accreditation with 135% procurement recognition.** We are determined to continue making a positive impact through our continued commitment to our people and our unwavering support of all the businesses in our community.

Our journey towards transformation is far from over,and we are looking forward to taking our staff and clients along on this journey as we endeavour to leave a positive impact on all facets of our organisation and community.

5. PROFESSIONAL INDEMNITY

Cyntech has professional indemnity and public liability insurance for the built environment to the value of R10,000,000.00 for any one claim. The policy is with Leppard Insurance, underwritten by Lombard Insurance Company Limited.

6. REGISTRATIONS AND ASSOCIATIONS

We encourage our employees to register with their relevant professional and statutory bodies and organisations, such as the Engineering Council of South Africa (ECSA) and the South African Institute for Electrical Engineers (SAIEE). Cyntech is also mindful of the environment and is therefore registered with the Green Building Council (GBCSA), ensuring we design in a holistic and environmentally sustainable manner. All professionals working for Cyntech are also motivated to register as mentors, as we care deeply about skills transfer from generation to generation.

In order to maintain a dedicated focus on leadership and to align the business structure with best industry practices, **Cyntech made a commitment to initiate their ISO 9001:2015 process on the 31st of May 2019.** CIGROUP developed the ISO system and the Cyntech team are already implementing and entrenching the quality system as part of the company culture. Formal accreditation is expected by the end of 2020.

7. QUALITY POLICY STATEMENT

Cyntech is committed to providing our clients with the highest possible level of service.

In order to achieve this, we are continually improving our processes and services, striving to meet and exceed client expectations at all times. The implementationof the quality policy is the responsibility of all staff members, with overall responsibility residing in the Board of Directors.

Cyntech is committed to:

- Fully identifying and conforming to the needs of our clients and consequently improving overall satisfaction.
- Monitoring and reviewing our service provision and processes, identifying potential errors and implementing the necessary actions to eliminate them.
- Providing extensive staff training and promoting a 'do it properly or not at all' attitude towards quality.
- Forging partnerships with suppliers and other major players in the Private and Public Sectors to ensure optimum business performance.
- Achieving and maintaining a standard of excellence in the operation of our business.
- Maintaining our reputation for honesty and integrity and ensuring that this is reflected throughout the organization.
- Providing sufficient resources and equipment to ensure that we can operate in accordance with our quality policy.
- Ensuring that all company policies and procedures have the full support of the Board of Directors.
- Continually monitoring and reviewing our Quality Policy to ensure that it remains relevant and effective to the changing needs of our clients and business environment.
- Continuous appraisal of our business to ensure that the quality of service we provide fully and consistently meets our clients' expectations and all current legislative requirements.

The Quality Policy Statement will be reviewed annually. Responsibility for compliance to this policy rests with all staff members. All employees are required to monitor the effectiveness of the policy and its associated initiatives. Furthermore, all employees are encouraged to bring forward any suggestions they may have which would lead to the improvement of the quality of work as we promote an inclusive company culture.

8. HEALTH AND SAFETY POLICY

All employees of Cyntech, and their families, are important to the company. Every employee has the right to a safe and healthy workplace and the right to return home every day, healthy and without injury. We strive to maintain a safe and healthy workplace and every employee is responsible for carrying out their work dutifully. Cyntech aims for a 'zero injury' per year target and firmly believes that this is an achievable performance target.

Cyntech's health and safety policy is based on the Occupational Health & Safety Act No. 85 of 1993 and as such, are committed to:

- The prevention of any form of loss;
- The health and safety of all persons on its property
- Ensuring that management do everything within their authority to prevent injury to personnel and minimise loss;
- Ensuring that all employees understand their duty to avoid injury to themselves or others and to minimise any form of loss within their control;
- Operating in a responsible manner which comply with environmental requirements.

In addition, **Cyntech also have a comprehensive and holistic safety plan for the company,** which was specifically prepared by HESQ specialists, ProQuality Consulting. The aim being to further embed health, safety and environmental awareness into the company culture.

9. SERVICES

9.1 Petrochemical

Our extensive experience in the petrochemical industry allows us to offer the following services:

- Hazardous area classification (HAC)
- Inspections and audits
- Hydrocarbon detection systems
- Overfill protection and level alarm integration (see Instrumentation)
- Tank gauging systems
- Control system design
- Earthing, bonding and electrical continuity
- Explosion Protection (Ex) equipment selection and system integration
- Intrinsically Safe (IS) system designs
- Emergency Shut Down (ESD) system designs
- Road and rail loading and off-loading systems
- Pipeline transfer
- Retail service stations and forecourts
- Fire detection and protection systems

9.2 Electrical

Cyntech offers the design and management of the following electrical engineering services:

- Low Voltage (LV) and Medium Voltage (MV) reticulation for commercial and industrial applications
- Low Voltage Distribution Board (DB) and Motor Control Centre (MCC) design
- Lightning protection, power earthing and surge protection systems
- Energy management and power quality monitoring
- Power factor correction design
- Standby generator and Uninterruptible Power Supply (UPS) systems
- Electrical design for residential, commercial and industrial building developments
- Photo-voltaic (PV) system designs for residential and industrial applications.

9.3 Instrumentation

Our combined background in the instrumentation sector provides us the opportunity to offer the following services:

- PLC and SCADA systems
- Process control network designs
- Digital infrastructure designs
- Building Management Systems (BMS)
- Instrument selection and system integration
- Control philosophies and functional design specifications
- Safety Instrumented System (SIS) design
- Basic Process Control System (BPCS) design
- Fire detection and public address systems
- Access control
- Telemetry Systems

9.4 System Integration

Process control networks, PLC programming, SCADA development and the transformation of process data into useful information via the Industrial Internet of Things (IIoT), has become more prevalent and integral in our design process.

Traditional paradigms around engineering design are being challenged as technology advances rapidly and the need for project cost reduction increases. Being at the core of the electrical, control and instrumentation design process from inception stage, Cyntech has positioned itself to offer these services in-house at a lower cost to the Client.

Our direct involvement in various aspects of process control system integration ultimately increases project value, as it reduces the number of role players in a project including the inherent associated cost. Integrated involvement mitigates miscommunication, misalignment and misunderstanding between the design engineer and the traditional 3rd party system integrator resulting in optimized design and commissioning stages.

9.5 CCTV

By applying advanced technology such as digital recording, video and audio monitoring and communications, Cyntech's CCTV system designs are on par with the best in the industry. We ensure that our designs are both flexible and versatile in order to suit the client's requirements. This ensures system integration with building management systems and/or control centers (both on- and off-site).

Our CCTV design allows for a variety of operations, such as large areas requiring many cameras, to smaller ones with fewer cameras. These benefits include employee productivity monitoring, process monitoring as well as theft deterrence and additional security.

9.6 Lighting

Lighting plays a vital role in security, safety and architectural applications for a variety of industries. We provide the following energy-efficient and practical lighting designs:

- Street lighting
- Flood lighting
- Security lighting
- Exterior and interior lighting for work and safety
- Architectural lighting
- Commercial office lighting
- Automated intelligent lighting control

9.7 Mechanical

The Cyntech team's cumulative years in mechanical engineering ensures design excellence in the petrochemical industry and elsewhere. Our experience ranges from feasibility studies to commissioning in the following areas:

- Fuel storage and distribution design
- Additive Injection / Dosing
- Aviation
- Air conditioning and Ventilation
- Fire protection
- Road Bridging
- Road Loading
- Bulk Tank Design
- Bulk Transfer Pipelines
- Bulk Lubricant Transfer System
- Filtration and water reclaiming
- Firefighting (Tank / Bund and Gantry Protection)

> **We ensure that a holistic project management structure is put in place to ensure that our clients' projects are delivered on time and within budget.**

9.8 Project Management

Professional project management is critical to a project's success. Cyntech's expertise has been built up across numerous projects, both large and small. We ensure that a holistic project management structure is put in place to ensure that our clients' projects are delivered on time and within budget.

We offer a full project management service, from concept and inception through to handover and close-out. This service is provided across a range of sectors, including oil and gas, energy, commercial and infrastructure.

Our clients' organization's are both complex and unique. Therefore, Cyntech provides a project management structure that's aligned to each client's requirements. We work in harmony with our client's technical and operational personnel by being hands-on from beginning to end and ensuring that project deliverables are reached at every stage.

We offer various stages of management, which will guide your project through to successful completion.

01 Stage 1 – Inception

During this process, we establish the client's requirements and preferences. This enables us to assist them in developing a clear brief before appointing the necessary consultants, with whom we will share necessary information. The brief will incorporate the following aspects: objectives, priorities, constraints, assumptions, aspirations and strategies.

Deliverables will typically include:

- Agreed services and scope of work
- Signed agreement
- Report on project, site and functional requirements
- Schedule of consents, approvals and related lead times

02 Stage 2 – Concept & Viability

This stage covers the preparation and finalizing of the project concept in accordance with the brief and regulatory authorities. This includes project scope, scale, character, form and function, as well as the preliminary programme and viability of the project.

Deliverables will typically include:

- Concept design
- Schedule of required surveys, tests and other investigations
- Process design
- Cost estimates

03 Stage 3 – Detailed Design

During this stage, we will develop the approved conceptinto a finalized design. This consists of outlining specifications, preparing a cost plan, determining financial viability and creating a project programme in accordance with the client's requirements.

Deliverables will typically include:

- Detailed design drawings
- Detailed reports
- Local and other authority submission drawings

04 Stage 4 – Documentation & Procurement

This process involves the preparation of procurement and construction documentation. Our team will also confirm the procurement strategy and procedures before implementing them. We ensure the effective and timeous acquisition of all necessary resources, enabling the successful execution of the project.

Deliverables will typically include:

- Technical specifications
- Tendr drawings
- Budget construction cost
- Tender documentation
- Tender adjudication with recommendations
- Priced contract documentation

05 Stage 5 – Contract Administration & Inspection

This stage involves managing, administering and monitoring the construction contracts and processes. It also includes the preparation and coordination of procedures and documentation to facilitate practical completion of the work.

Deliverables will typically include:

- Schedules of predicted cash flow
- Construction drawings and documentation
- Contract instructions
- Valuations for payment certificates
- Financial control reports

06 Stage 6 – Close-out

Finally, we administer the project close-out, which includes all the necessary documentation to facilitate effective completion. This will allow the project to be handed over to the client and enable them to start operating the plant.

Deliverables will typically include:

- Works and final completion lists
- Operations and maintenance manuals, guarantees and warranties
- Record drawing and documentation
- Final account

9.9 Advisory

We provide our clients with essential support. This is due in part to our experience in technical consulting and acquired business acumen, as well as our expertise in technical, commercial and financial aspects. We aim to increase our clients' profitability by maximizing the value in their investments.

Cyntech can provide conceptual studies, including preliminary evaluations of alternatives, as well as an initial estimation of costs to facilitate the project brief. Before construction begins, we amend the project requirements where necessary by addressing value and risk.

We offer holistic services for new and existing works, including:

- Evaluation of available technology options
- Analysis of utilities and site requirements
- Identification of personnel and training requirements
- Financial analysis, including capital cost and ROI estimates
- Project and operational risk assessment.

Cyntech is applicable to extensive projects as a result of our systematic yet flexible approach. We ensure that non-technical stakeholders understand the project in its entirety by providing clear and concise information. What's more, Cyntech also provides unbiased evaluations of a project's viability and potential outcomes, due to our in-depth knowledge of industry best practices.

10. STAFF COMPLIMENT

ASHLEY VERHULP

DIRECTOR

Internal Operations Director / IIoT Lead

Pr Tech Eng, MBA, BTech (Elec - Cum Laude), MSAIEE

Ashley Verhulp is experienced, motivated and adaptable. He sees his 15+ years of experience as Project Manager and Design Engineer for the petrochemical, building and urban development industries as more than a job – it's a passion. Ashley aims to improve the return on capital investment projects and operations, and designing efficient and effective systems is a priority. With a BTech (Cum Laude) degree in Electrical Engineering and an MBA degree from the University of Stellenbosch, he adds significant value to the Cyntech team.

Ashley's specialties are numerous, such as leading project teams and coordinating activities between developers, the design team and contractors. His skills also include designing holistic process control and instrumentation systems, LV reticulation, CCTV design and lighting systems. He is registered with ECSA as both a Professional Engineering Technician (Pr Techni Eng) and Professional Engineering Technologist (Pr Tech Eng), and is a member of the South African Institute of Electrical Engineers (MSAIEE).

Ashley intends to share his passion with others – he's registered with ECSA as a mentor in the field of electrical engineering and strongly believes in developing younger engineers and transferring skills.

WILLEM DE VILLIERS

Industry Expert

External Consultant - Technical Specialist

Pr Eng, BEng (Elec), MIEEE

Willem began his career as a Design Technician in 1974 in electrical and electronic services. This instilled a love for the profession, leading him to study a Bachelor of Engineering (Electrical and Electronic) at the University of Stellenbosch.
Willem is registered with ECSA as a Professional Engineer. He has a wide range of experience, from engineering for petrochemical plants both onshore and offshore to industrial installations, electrical reticulation services, electrical and mechanical building services, commercial installations, automation, controls and drives as well as hazardous location classification and systems engineering.

In addition, Willem undertakes forensic investigations for static flash fires at fuel offloading installations as well as fatal accidental electrocutions. He was also convener of the working group to rewrite SABS 10089 Part 2.

In 2001 he began mentoring Ashley Verhulp, Cyntech's Chairman, and their relationship grew from strength to strength, culminating in the creation of Cyntech. Willem's many years of experience in the industry makes him invaluable to the team.

SIKHO NDZEKU

DIRECTOR

Projects, Customer Relationship Management, Business Development

Pr Techni Eng, MEng (Elec), MSAIEE

Sikho began his career as an Electrical Technician/Electrical Draughtsman with guidance from Chairman Ashley Verhulp, which has led to a symbiotic working relationship. He has experience in draughting electrical and mechanical drawings and has assisted in the design of firefighting automation systems and hazardous classifications on fuel depots, as well as electrical and instrumentation design of fuel receipt and loading facilities.

Sikho's skills extend to the design of flood, street and security lighting installations, as well as the design of urban, industrial and commercial electrical networks. What's more, he is experienced in the design of small power layout and lighting installations in industrial and commercial buildings.

Sikho is registered with ECSA as a Professional Engineering Technician and is currently studying towards his MEng degree in the field of Electrical Engineering. He is mentored by Cyntech Chairman Ashley Verhulp.

ALBERT DE KLERK

MANAGING DIRECTOR (MD)

Projects, Technical Lead

Pr Eng, BEng (Elec), PG Dip (BMA - Cum Laude)

Albert began his career with Cyntech in January 2020 after completing his BEng in Electrical & Electronic Engineering at Stellenbosch University in 2019. Albert has a passion for renewable energy systems. And for his final year project he designed and manufactured a prototype Electrically Exited Synchronous Generator to be used for further research on its application in wind turbines.

Albert is continuously looking to upskill himself and is always willing to assist to the best of his ability.

He is registered with ECSA as a PrEng and has led several projects during his time at Cyntech. As evident by his additional qualifications, attaining a PGDip (BMA) with Cum Laude, his passion for learning and continuous development in the company demonstrates his value with each project he undertakes.

KGOTLA MMUSI

IOT INTEGRATION & BUSINESS DEVELOPMENT OFFICER

MCom (Development Finance) – in progress | BA Economics | CoP Long-Term Insurance

Kgotla Mmusi is an economist and IoT specialist with a strong background in development finance, macroeconomic strategy, and business development. He holds a Bachelor of Arts in Economics from the University of Botswana and is currently pursuing a Master of Commerce in Development Finance at the University of Cape Town. He also holds a Certificate of Proficiency in Long-Term Insurance from the Insurance Institute of South Africa.

At Cyntech, Kgotla serves as an IoT Integration and Business Development Officer, playing a dual role that bridges technical execution and strategic expansion. His responsibilities include configuring and troubleshooting PLCs and HMIs for petrochemical depot operations, managing Cyntech's support ticketing system, and serving as the first line of response for all client technical issues. In addition to his technical role, he contributes to project management and financial reporting, working closely with senior management to support both operational efficiency and business growth initiatives across Southern Africa.

Kgotla brings a unique blend of economic insight and technical acumen to Cyntech's mission, particularly in expanding its presence in emerging markets through innovative IoT and solar solutions.

KAMI THEBUS

ACCOUNTANT

BCom Financial Management

Kami Thebus is a seasoned accountant with over 25 years of experience in the financial sector. Her career began in foundational roles that built her expertise in financial management and internal processes. Throughout her career, she has cultivated a deep understanding of financial principles and regulations.

In July 2023, Kami joined Cyntech Engineers & Managers as an Accountant. Her extensive background and expertise were immediately recognised as valuable assets. Upon joining, Kami quickly adapted to the company's financial systems and contributed to refining internal processes.

As an Accountant at Cyntech, Kami handles reviewing general ledgers, preparing management accounts, conducting variance analyses, and providing commentary on budget variances and overspending. She also reviews and approves weekly paylists, cost allocations, supplier reconciliations, and balance sheet reconciliations. Kami plays a significant role in preparing yearly budgets, audit files, capital expenditures, and monthly payroll. Additionally, she manages monthly VAT submissions, ensuring compliance with tax regulations. Kami's problem-solving skills and proactive approach enhance the overall financial health of Cyntech Engineers & Managers.

BRETT PAINTER

SOFTWARE ENGINEER & SYSTEM INTEGRATOR

Brett Painter is a Software Engineer and System Integrator at Cyntech, where he leverages his expertise to seamlessly integrate complex software solutions within cutting-edge industrial IoT platforms. He holds a Diploma in UI/UX Design and has successfully completed an intensive Software Engineering Bootcamp from Stellenbosch University, equipping him with both the technical skills and design sensibilities necessary for developing intuitive, user-centric interfaces.

Brett also brings valuable experience from his freelance work, allowing him to approach projects with versatility and adaptability. At Cyntech, Brett combines his proficiency in front-end development, system integration, and user experience design to deliver innovative solutions that drive efficiency and elevate user engagement across various technological platforms.

NIKITA GOBINGCA

ELECTRICAL TECHNICIAN

NDip (Elec)   Systems Integration & Engineering support

Nikita Gobingca, an Electrical Technician, obtained a National Diploma from Nelson Mandela University in 2019. She began her career as a Junior Engineering Technician in the automation industry, focusing on plant maintenance and reliability. Proficiently maintained electrical machinery, handled pneumatic systems, and was involved with complex projects to enhance electrical systems.

In March 2023, Nikita joined Cyntech as an Electrical Draughtsman trainee-draughting and system design. The role included working on solar design and lightning protection studies using specialized design tools and software, on-site commissioning and in various other projects.

She has since progressed to be a diligent Electrical Technician, specialising in electrical and instrumentation design. She is also transitioning towards project management, system integration and the Industrial Internet of Things (IIoT) with the guidance of her team.

TIM VAN WYK

PROJECT MANAGER

Tim is an experienced Project Manager who joined the Cyntech team after running his own project management company for 10 years. With extensive hands-on experience leading diverse projects, he brings a calm and level-headed approach to problem solving while ensuring teams remain motivated and focused.

His ability to balance challenges with practical solutions allows him to guide projects smoothly from planning through to completion, ensuring deadlines are met seamlessly and objectives are achieved with precision.

EZRA ALLEN

ELECTRICAL DRAUGHTSMAN

Ezra has a background of over 20 years' in draughting electrical services. Ezra permanently joined the Cyntech team in November 2018 after displaying untapped potential during his part-time employment period at the company which commenced in October 2017.

He is skilled in lighting, small power, telephone and data installations, as well as fire detection, CCTV and access control. He is also experienced in the draughting of Piping and Instrumentation Diagrams (P&IDs) and Hazardous Area Classification Drawings.

Ezra is continuously looking to upskill himself and is always willing to assist with the design of lighting and small power layouts, fire detection and CCTV layouts where required.

CHENAIMOYO GWANDURE

ELECTRICAL TECHNICIAN

NDip (Elec)   Engineering Support

Chenaimoyo Gwandure is an Electrical Technician at Cyntech, holding a National Diploma in Electrical Engineering (NDip Elec). His primary responsibilities involve providing comprehensive engineering support, contributing to the efficient functioning and maintenance of electrical systems and projects.

Chenai is passionate about community development and renewable energy. He has been working full-time as an electrical technician at Cyntech, contributing to projects involving Low Voltage (LV) and Medium Voltage (MV) electrical systems for industrial, commercial, and residential developments. He has experience in AutoCad Electrical, SolarEdge design, installing power analyzers for solar systems, and conducting site inspections in hazardous locations. He also has basic knowledge of Siemens PLC software and programming.

NEILL FINN

ELECTRICAL ENGINEER

BEng (Elec)

Neill is a result-driven engineer that joined the Cyntech team in 2025, shortly after obtaining his BEng in Electrical & Electronic Engineering from Stellenbosch University. His passion for delivering quintessential results continues to drive him towards success. With a background in software development, his final year project entailed developing a thermal calculation engine for cryogenic integrated circuits, which is of particular use to the superconductor industry. The skills and critical thinking required to have developed a working tool has enabled him to take on new projects in the working world with a perspective akin to always adapting and learning as new challenges come his way.

Neill is registered with ECSA as a Candidate Engineer, with Cyntech Director and PrEng registered mentor, Albert De Klerk, guiding him on his path to obtaining his own PrEng qualification.

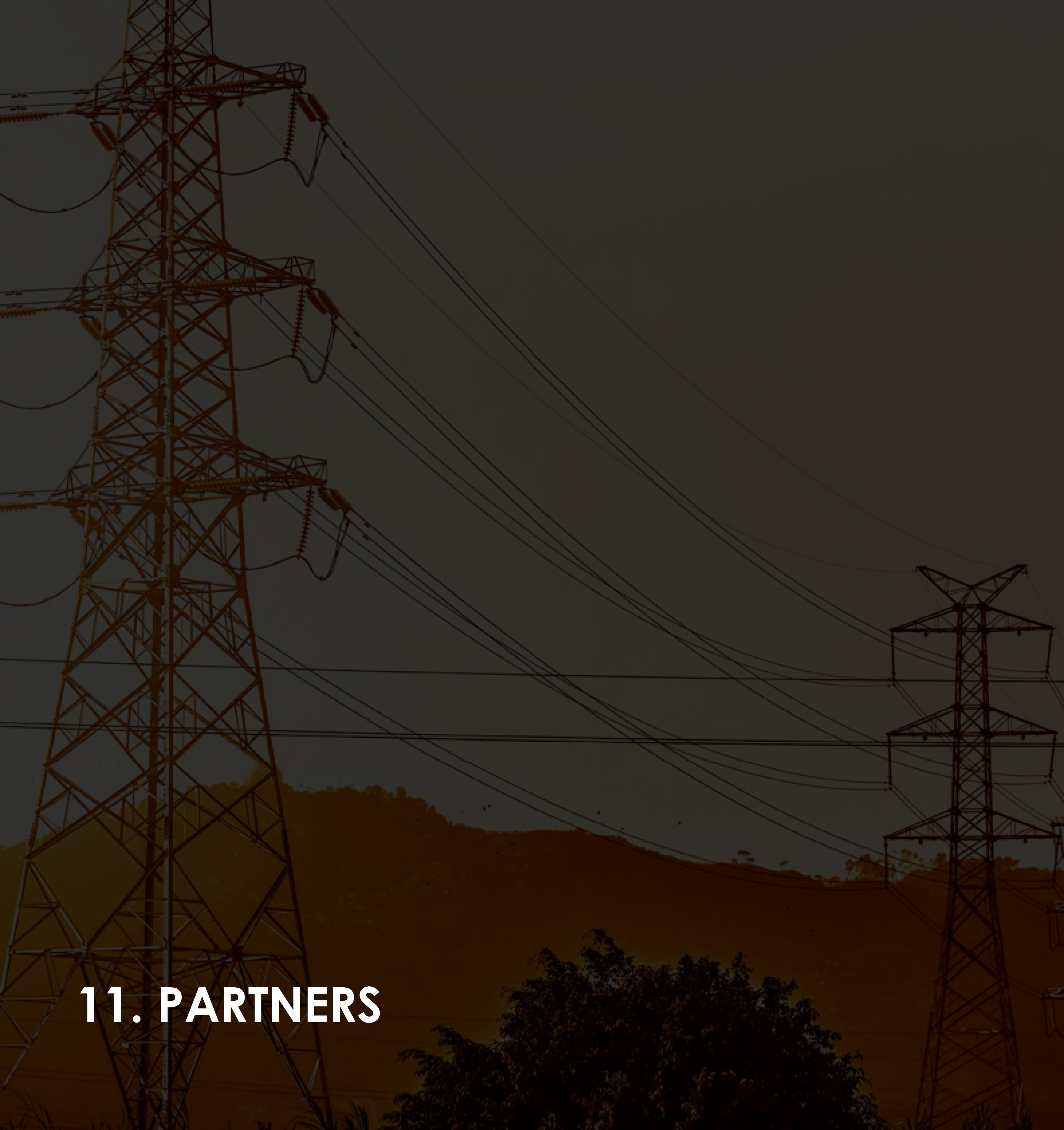
ROUEN WILLIAMS

PROJECT MANAGER

Dip (T3 - Elec) Project Management & ISO 9001 Custodian

Rouen Williams is the Project Manager at Cyntech. He holds a Diploma in Electrical Engineering (T3 Elec) and specialises in project management. Additionally, Rouen is the ISO 9001 Custodian, ensuring that the company adheres to quality management standards and maintains excellence in all its projects.

Rouen is a versatile professional with a rich background in project management, technology integration, and client consultation. With a strong track record of success, he has managed a diverse portfolio of projects, leveraging teams of installers and subcontractors to deliver high-quality solutions on time and within budget.



11. PARTNERS

Cyntech has partnered with the following firms in order to offer a wider set of professional services:

- MAJ Projects
- BH Consulting Engineers
- HHO Africa
- Seal Consulting Engineers
- Water and Wastewater Engineering
- Carbon Zero

12. PROJECTS

Project Name	Description of Project	Value
Astron Gaborone Electrical Upgrade Project	1. Repair/replacement of existing electrical installation 2. Removal of redundant electrical circuits and equipment 3. Supply and installation of isolators, new lighting, new control stations	R2,931,454.67
Astron Francistown Electrical Upgrade Project	1. Repair/replacement of existing electrical installation 2. Removal of redundant electrical circuits and equipment 3. Supply and installation of isolators, new lighting, new control stations	R2,646,635.55
Astron JBS Cape Town Harbour Tank HHLA & Lighting Project	1. Supply and installation of a new high and high-high level alarm control panel 2. Supply and installation of new lighting up the tank stairways 3. Supply and installation of new power and instrument cabling from control panel to the instruments on top of the tanks.	R 2,682,920.50
BP Cape Town Gantry Upgrade & Additive MCC Project	1. Supply and installation of new additive MCC 2. The Upgrading the SCADA server license 3. PLC programming and SCADA configuration 4. Supply and installation of power, instrument, control, and earth cabling within each of the bays in the gantry. 5. Supply and installation of Accuload III automation stands and junction boxes. 6. The supply and installation of intrinsically safe pressure transmitters on each loading arm and the integration thereof into a new dedicated GE RX3i CPU with high resolution analogue inputs. 7. The supply and installation of a new IS control circuit in the existing MCC 8. SCADA development to represent P&ID of gantry	R9,427,079.20 R2,715,576.38
Astron Alrode Automated Overfill Protection System (AOPS) Project	1. Supply and installation of a new compressed air system 2. The supply and installation of new annunciator alarm panel in office and connection to ESD control circuit. Existing field alarm signals traced, identified, disconnected and re-terminated into new AOPS control panel. 3. Supply and installation of a new emergency shut-down (ESD) control panel in the existing MCC.	R2,251,004.05
Astron Alrode Automated Overfill Protection System(AOPS) Project	1. Supply and installation of a new compressed air system 2. The supply and installation of new annunciator alarm panel in office and connection to ESD control circuit. Existing field alarm signals traced, identified, disconnected and re-terminated into new AOPS control panel. 3. Supply and installation of a new emergency shut-down (ESD) control panel in the existing MCC.	R4,183,818.02
Astron Alrode MCC & PLC Upgrade Project	1. Construct a new CUBIC MCC extension for the new PLC and CUBIC SUB-MCC's for motor circuits 2. Supply and install new S7-1500F PLC 3. Supply and install new SIMOCODE PRO and BASIC intelligent motor controllers 4. Supply and install new Eaton 10kVA 3-phase dual redundant hot standby UPS 5. Supply and install new RS485 communication module on existing S7-1200 firefighting PLC	R5,123,282.40
Astron Island View Terminal (IVT) Substation Upgrade	1. Supply and installation of; 500kVA 11/0.42kV Distribution transformer, 315kVA 11/0.525kV Distribution transformer and ABB SafeRing 12kV CCVV RMU	R3,698,066.77
Astron Waltloo Hydrocarbon Detection Project	1. Delivery and install of Larco Hydrocarbon liquid level detectors 2. Delivery and install of Det-tronics Hydrocarbon gas detectors 3. Install new Hydrocarbon detection control panel	R2,005,209.34
Astron Klerksdorp CCTV Project	1. Liaison and co-ordination with the CCTV installation contractor 2. Supply and install fibre optic cabling, power cabling, earthing , cable racking, power supply, network switch, and CCTV enclosures.	R3,840,209.60
Astron Alrode Firefighting System Upgrade Project	1. Supply and install new firefighting control panel, power cabling, instrument cabling, earthing , and SIMOCODE PRO motor controllers 2. Supply and install S7-1500F PLC	R2,636,462.95

Project Name	Description of Project	Value
Inverdoorn – Aquila – Bobos Solar installation	1. Design and installation of off-grid solar power supply to multiple sites 2. BESS system design and feeing to downstream sites via overhead lines 3. Design to include remote access and control of Main Distribution Board feeds	R73,227,200,83
Aquila Private Game Reserve Solar installation	1. Design and installation of new solar panel layout 2. Integration of new grid-tied solar system	R14,751,020.21
Engen DMT ATG Upgrade	1. Supply and installation of new ATG equipment for identified 50 tanks 2. Replacement of existing Honeywell Tank Servo gauges with new Gauges, equipped with temperature probes & water bottom sensors. 3. Integration with existing DCS system and CIU's.	R24,139,224.33
Engen Walvis Bay Automated Overfill Protection System (AOPS)	1. Installation of new ATG equipment from Emerson Rosemount on non-floating roof tanks 2. Installation of tankside display units (2230), temperature/water sensor transmitters (2240) 3. Installation of System hub connectivity to FUELFACS 4. Upgrade of TankMaster 5. Installation of SIL2 level transmitters and integration with safety system 6. Intrinsically Safe Repeater installation	R 7,614,257.96
Engen Mokopane SIS Automatic Tank Gauging and Automated Overfill Protection System (AOPS) installation	1. Procurement and installation of 5900C, 5408 Radar level transmitters, tank hubs, temperature transmitters, local display units 2. Design and integration of system network allowing cross-communication and remote access 3. HMI installation and integration of new system 4. System hub integration with tank hubs including communications	R 4,724,731.22
Engen Tharisa Hardpark Solar Design	1. PV panel installations (33kWp) on custom manufactured solar support mounts 2. Installation of hybrid inverters (45kVA DC Coupled), complete with battery backup system (100kWh rated) 3. Integration of solar container with existing fuel farm main DB 4. Remote monitoring of system to report on performance	R 7,759,028.28

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HOLISTIC ENGINEERING SOLUTIONS

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