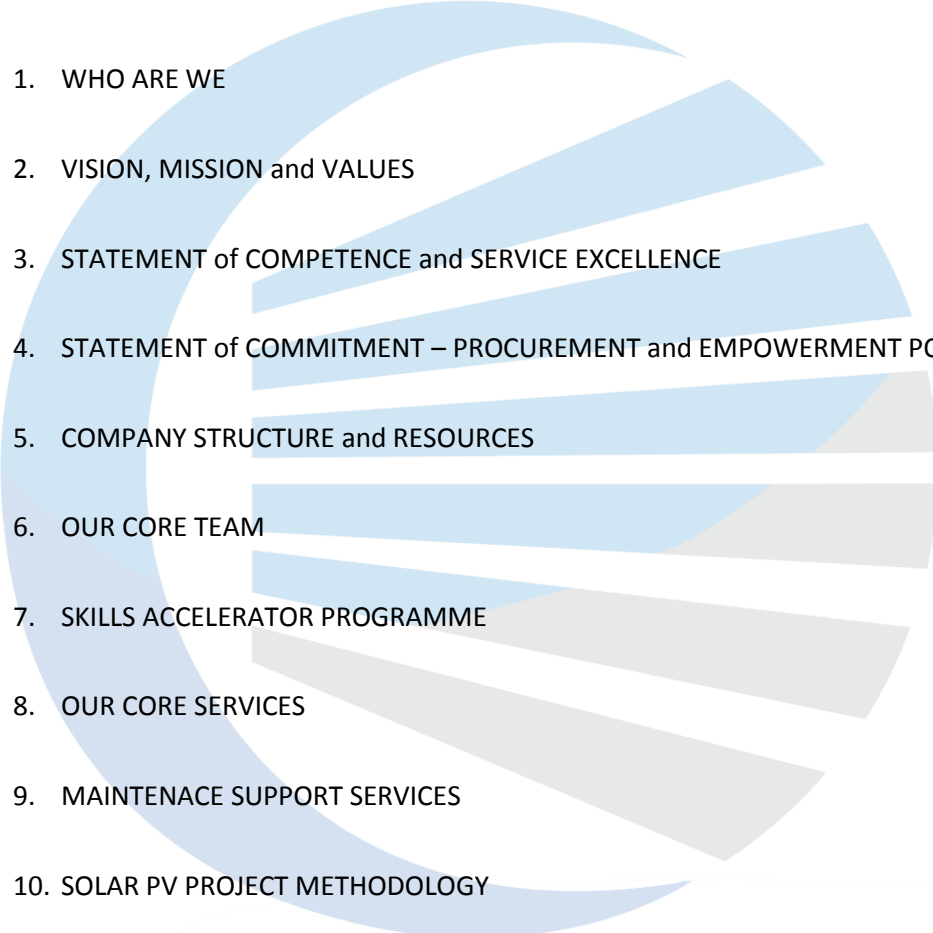




COMPANY PROFILE



- 
1. WHO ARE WE
 2. VISION, MISSION and VALUES
 3. STATEMENT of COMPETENCE and SERVICE EXCELLENCE
 4. STATEMENT of COMMITMENT – PROCUREMENT and EMPOWERMENT POLICY
 5. COMPANY STRUCTURE and RESOURCES
 6. OUR CORE TEAM
 7. SKILLS ACCELERATOR PROGRAMME
 8. OUR CORE SERVICES
 9. MAINTENANCE SUPPORT SERVICES
 10. SOLAR PV PROJECT METHODOLOGY
 11. CURRENT & COMPLETED PROJECTS
 12. SOCIAL RESPONSIBILITY PROGRAM
 13. MEMBERSHIP & AFFILIATION
 14. COMPANY CONTACT DETAILS

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SINGELA CONSULTING ENGINEERS “SINGELA” is a black-owned and managed South African engineering company which prides itself in the understanding of the South African Industries, Markets and Services. The company was established in 2017 as a consequence of a restructuring and unbundling exercise at Gcwabe Investments (PTY) Ltd.

SINGELA CONSULTING ENGINEERS is a duly incorporated Engineering Consultancy, Construction and Specialist Project Management firm. The company was formed in response to the shortage of black owned and managed specialist engineering firms in the South African built environment, engineering and consultancy landscape. SINGELA has professionals that offer multi-disciplinary engineering solutions to client specifications. Our highly professional team of Consulting Engineers and Technology Specialists has a wealth of local and International EPCM experience delivering turnkey solutions in Mining and Mineral Processing, Petrochemical, Pulp and Paper, Water and Sanitation, Renewable Energy, and Built Environment industries. SINGELA has assembled a strong multi-disciplinary engineering team which provides technical support and design services to a range of industries and government departments; these services include project preparation and custom equipment designed, installation and commissioning.

SINGELA prides itself in its ability to deliver exceptional results that exceed customer expectations and has acquired unique skills on how to optimize processes and resources, which enables us to consistently deliver on all our projects, the right Quality, on-Time and within Budget all the time.

PARTNERSHIPS:

SINGELA CONSULTING ENGINEERS has forged strong partnerships with a number proficient engineering companies, through these partnerships SINGELA is able to quickly mobilize additional resources and expertise to capacitate SINGELA with the skills that SINGELA does not have in-house and this enables our engineers to acquire new skills and competencies.

OUR COMMITMENT:

SINGELA CONSULTING ENGINEERS is committed to ethical business practices that espouses the values of a developmental state.

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2. VISION, MISSION and VALUES



OUR VISION

To be a world class Engineering Consulting, Project & Technology solutions company in Africa

OUR MISSION

To create sustainable value for our shareholders, clients and all stakeholders in our chosen field of operation driven by our shared values

OUR CORE VALUES

OUR PEOPLE:

- Are our most valuable assets
- Select, Recruit and Retain high performance individuals and teams

PASSION:

- We are passionate about our work

VALUE CREATION DISCIPLINE:

- Quantifiable Economic Value Creation (QEVC)

CONTINUOUS IMPROVEMENT (CIP):

- Continuous Improvement discipline is the way we Think, Work and Act on a daily basis

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3. STATEMENT of COMPETENCE and SERVICE EXCELLENCE



We aspire to be leaders in executing Multi-Disciplinary Engineering Projects. We offer the full EPCM suite of expertise we Design, Engineer, Construct, Commission, Monitor and Maintain applications in the Built Environment, Manufacturing, Water and Waste, Renewable Energy (Solar PV), Petrochemical, Mining and Mineral Processing, and Oil and Gas industries.

We are committed to services excellence that exceeds client expectations in executing projects, we commit to continuous development of the engineering profession and undertake to perform all our work to high standards, diligence, and quality to achieve the respect of our clients and peers.

We are committed to sound environmental practices and technology that supports improved environmental performance of industries we conduct our business in.

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4. STATEMENT of COMMITMENT – PROCUREMENT and EMPOWERMENT POLICY



Our procurement and cooperation framework in our normal execution of business guides our empowerment policy. Our empowerment and procurement policies are underpinned by the following commitments:

- ☞ Our strong commitment to redress and socio economic empowerment of historically disadvantaged communities*
- ☞ Consciously striving, as a matter of preference, to primarily partner with other BEE companies that share the same sense of values as us in the execution of projects;*
- ☞ Continuously facilitate business ventures for other emerging Black businesses in areas that are not our focus and where we are strategically well-disposed to undertake such a facilitation process;*
- ☞ In instances where the complexity, infrastructural and track record for certain projects is a dominant feature, we would engage established strategic alliances that have demonstrable initiatives towards empowerment (as indicated by their employment equity, involvement in enhancing skills development and transfer in a particular discipline not the domain of the BEE companies); and*
- ☞ Our procurement policy shall primarily favor suppliers from the previously disadvantaged communities and/or companies that are progressive in embracing the transformation agenda of the countries in which we do business*

SKILLS DEVELOPMENT

- ☞ We shall endeavor to consciously recruit suitably qualified engineering personnel irrespective of their level of experience as part of our skills development programs*
- ☞ We commit to consciously prioritize and give preference to candidates from historically disadvantaged institutions, by providing training and mentorship opportunities within our organization*

5. COMPANY STRUCTURE and ORGANOGRAM



SINGELA CONSULTING ENGINEERS is geared to offer complete turnkey engineering solutions to high standards of professional conduct, through its structures and systems that are developed to client specifications. We partner with our clients to deliver the best solutions and services that address our client's needs and requirements.

COMPANY STRUCTURE

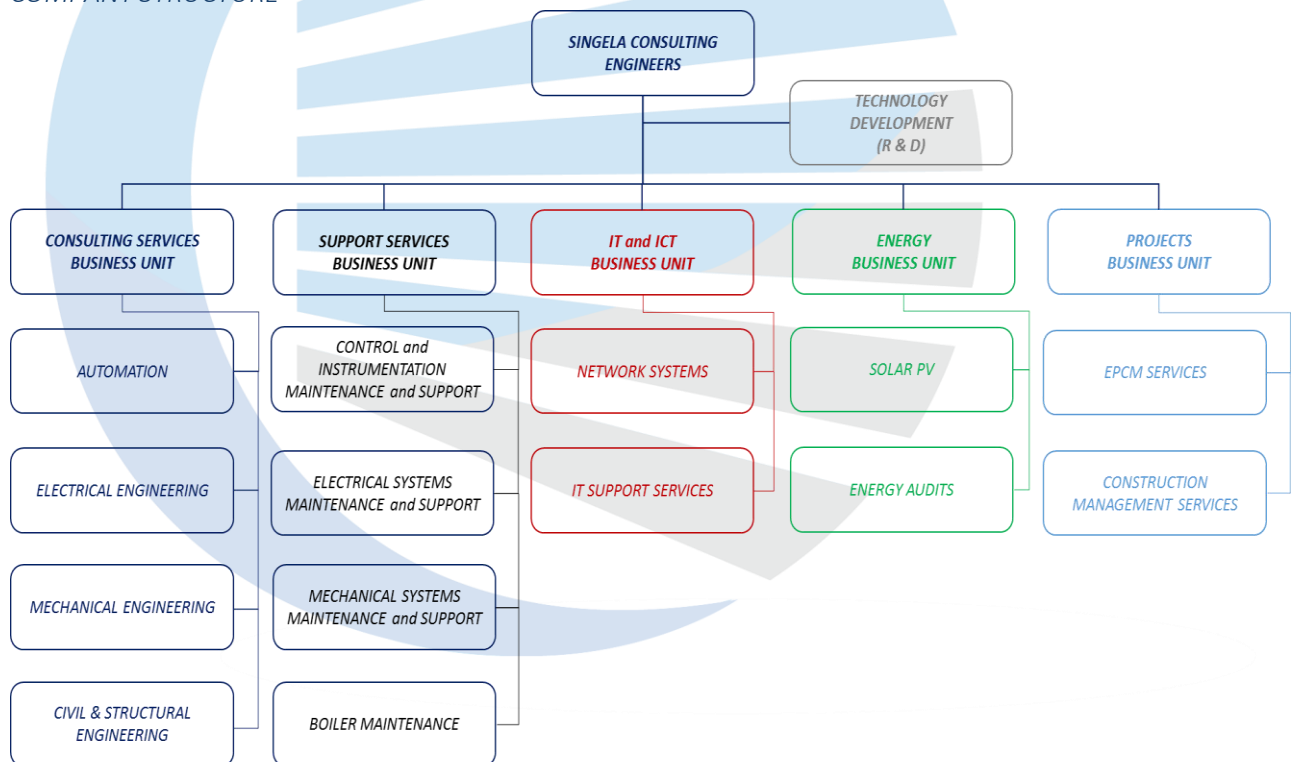


Figure 1 COMPANY STRUCTURE

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6. OUR CORE TEAM



MALUSI BHEKA MKHIZE, MSAIEE

Managing Director & Head: Renewable Energy & Projects

MSc (UP), BSc. Hons.(UP), B.Tech. (TUT), National Diploma Electrical Engineering (DUT)

Malusi is the Founding and Managing Member of SINGELA Consulting Engineers, he has over 16 years of Managerial and Engineering experience that spans across multiple industries/sectors including, Renewable Energy, Mining and Mineral Processing, Automotive, Food and Fast Consumer Moving Goods (FMCG), with Tier1 Leading Multinational companies such as Lonmin Plc, BMW (SA), VW (SA), Ford Motor Company (SA), and Beacon Sweets & Chocolates; and has held roles such as Senior Manager (GM) (Lonmin), Automation Manager (Lonmin), Project Manager: E/E (BMW SA), and various other technical roles.

Malusi has spent the past 4 years of his career consulting in the Renewable Energy (REIPP Program) with specific focus in Solar PV technology, he has been involved in the development of over 150 MW of Solar PV Project development and continues to provide critical support to various local and International Project Developers in the Renewable Energy field.

Career Highlights; Golden Key for academic excellence (UP, 2009), Silver Task Award (DUT, 2009), Established the Automation Department (Lonmin), Operational Excellence achieving 145% BSC performance (Lonmin, 2011), 1000 LTI free days (Lonmin, 2011), 60MW Solar PV Project (REIPP).



THABO QHOLOSHA

Head: Engineering Services

NHD (DUT), N. Diploma Electrical Engineering (L/C) Instr. (MUT)

Thabo is an innovative, energetic, and highly experienced engineer with well over 25 years of Managerial and Engineering experience that spans across multiple industries/sectors including, Petrochem, Power and Energy, Sugar, Pulp and Paper, Food and Water. He has held the following roles in the past, Design Engineer (BOSCH & Assoc.), Director and Co-Founder of IGODA Projects one of the biggest black owned consulting engineering firm in KZN

Career Highlights; Founding Member (IGODA), successful completion of Multi-Million Dollar oilrig projects for Chevron (American) and SANANGOL (Angolan oil Co.) respectively.



SANDILE THWALA

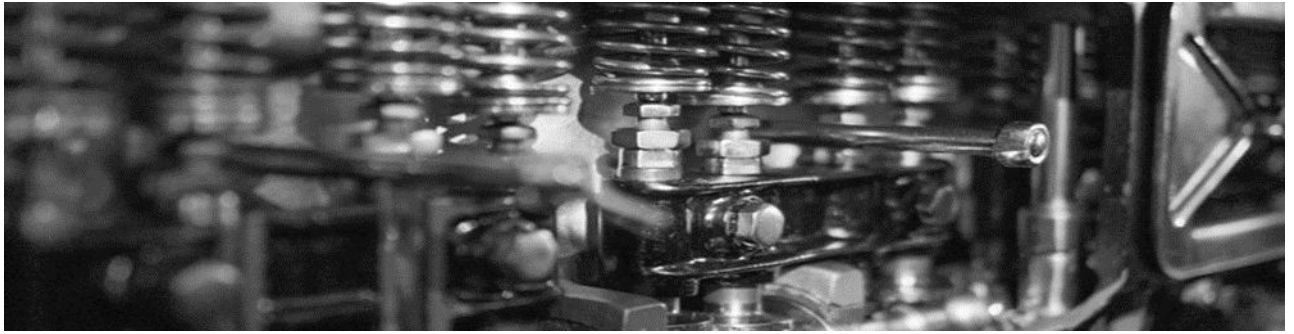
Head: ICT Services

N.Dip Elec. Eng. (VUT), B.Com Informatics (UNISA), PDBA (Wits), MBA [Candidate] (Wits), Cert in Advanced Topics in Strategy (University of La Verne - Ontario, CA).

Sandile is a highly effective professional with over 15yrs of experience that spans across multiple industries/sectors including, Industrial Automation, Banking and ICT. He has held the following roles in the past; Systems Engineer, Technical Manager, Senior Technical Services Manager and Regional Head - Technical Services (Africa and Latin America).

Career Highlights; Building and Managing High Performance Clusters (PBMR). Launching Vodacom Mozambique's National Monitoring platform (Siemens). Putting together a highly capable team (with the lowest staff turnover) to service customers in the Africa region (Redknee).

7. SKILLS ACCELERATOR PROGRAMME



The SINGELA SKILLS ACCELERATOR PROGRAMME is aimed at providing an accelerated route for new engineering graduates to acquire the requisite skills and competences necessary to succeed in the engineering sector and/ or in related industries that are supported by the engineering profession. This programme uses a stratified approach to developing the engineering skills required by the South African and/ or African industries.

As part of our commitment to continuous development of the engineering profession and to reducing the engineering skills deficit within the regions where we conduct our business.

SINGELA has signed a memorandum of understanding with the Durban University of Technology (DUT), committing itself to support the University through the provision of practical skills training opportunities to DUT graduates in the engineering profession, SINGELA intends establishing similar collaborative agreements with other Historically Disadvantaged Institutions (HDI's) in the regions where we conduct our business.

8. OUR CORE SERVICES



We provide the following turnkey services to our clients and partners, which are further complemented by a strong skills base of our partner network:

AUTOMATION and C&I SERVICES

- ☞ Project Scope Development
- ☞ Plant configuration and optimization
- ☞ Basic and Detail Design Engineering
- ☞ Plant Systems Design and Integration
- ☞ Alarm Management and Optimization
- ☞ Plant Instrumentation Installation, Maintenance and Support
- ☞ Custom /Turnkey Field Instrumentation solutions
- ☞ Advance Process Control (APC) Solutions
- ☞ Control Systems Design and Installation
- ☞ Plant Control Network Design and Installation
- ☞ DCS Coding, Testing and Commissioning
- ☞ PLC Coding, Testing and Commissioning
- ☞ SCADA Design, Configuration and Commissioning
- ☞ Condition Monitoring System Design and Implementations
- ☞ Boiler Automation and Control

TELEMETRY and COMMUNICATIONS SERVICES

- ☞ Telemetry and Remote Monitoring System Design and Installation
- ☞ Telemetry Configuration, Coding and Commissioning
- ☞ Access Control System Design and Installation
- ☞ CCTV and Security Systems Design, Installation and Maintenance
- ☞ Radio Communication Network design and Installation

BUILDING AUTOMATION SERVICES

- ☞ Building Management System Design and Installation
- ☞ Energy management System Design and Installation
- ☞ Security Management Information Systems Design and Installation
- ☞ Cooling systems design and installation (Air-conditioning systems)

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ELECTRICAL ENGINEERING SERVICES

- ☞ Substation Design and Construction Management
- ☞ LV MCC - Fabrication and Installation
- ☞ LV MCC - Starters and Interfaces
- ☞ Plant Electrical Installation
- ☞ LV Power Reticulation and Distribution
- ☞ HVAC Systems Electrical Installations
- ☞ Energy Management Solutions
- ☞ Energy Audits and Demand side Management
- ☞ Building Electrical Installations

RENEWABLE ENERGY SERVICES

- ☞ Solar PV Project Development
- ☞ Solar PV System design and Installation
- ☞ Feasibility studies (Incl. Technical BFS)
- ☞ Solar Resource assessments and Analysis
- ☞ Solar PV System Energy Yield Studies
- ❖ modelling, analysis and optimization

IT and ICT SERVICES

- ☞ Network System Design and Installation
- ☞ Network Management and Support
- ☞ Database Application Design and Configuration
- ☞ Design and Configuration of Remote Monitoring and Control Systems
- ☞ IT Support Services

MECHANICAL ENGINEERING SERVICES

- ☞ Gas transmissions & Distribution systems Design and Installation
- ☞ Boiler Installations & Steam Network Design and Installation
- ☞ Compressed air, Gas & Vacuum installations
- ☞ Refrigeration System Design
- ☞ Piping systems & Pipeline Design Installation and Commissioning
- ☞ Steel and Pipe Welding

DRAUGHTING and DESIGN SERVICES

- ☞ Plant Layouts and Location Diagrams
- ☞ Pipe and Instrument Diagram(s)
- ☞ Single Line (Electrical) Diagram Drawings
- ☞ Cabinets and MCC Panel Diagram
- ☞ Solar PV Schematic Diagram
- ☞ Cable Routing and Network Diagram

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9. MAINTENANCE SUPPORT SERVICES



SINGELA CONSULTING ENGINEERS has assembled a team of highly experienced maintenance personnel to deliver superior quality maintenance service to our Industrial clients.

SINGELA CONSULTING ENGINEERS offers comprehensive maintenance plans to our clients with a clearly defined SLA's with key deliverables. SINGELA CONSULTING ENGINEERS guarantees first class service all the time.

Our key maintenance services areas include but not limited to:

- ☞ Custom client Specific Maintenance Plan Development
- ☞ Maintenance Planning and Support
- ☞ Standby maintenance support crews
- ☞ C&I maintenance
- ☞ PLC &/ DCS software and image backup
- ☞ Control Valve overhaul

VALUE CREATION for all STAKEHOLDERS

With operations and maintenance critical to project performance and financial viability, we ensure assets are operated and maintained effectively by our well qualified technicians who manage reaction time and ensure optimal output. We provide a flexible and comprehensive portfolio of services before and after Commercial Operations Date (COD), we partner with our client's on their renewable energy projects from day one, with on-the-ground support

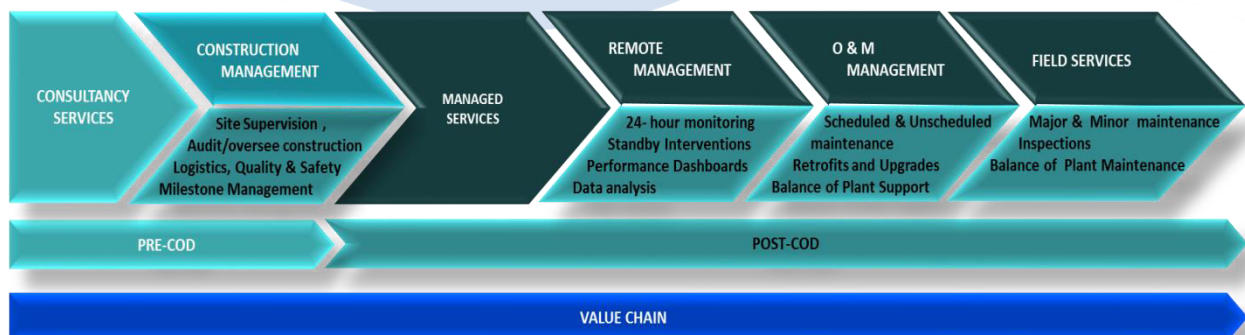


Figure 2 VALUE CREATION FRAMEWORK

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10. SOLAR PV PROJECT METHODOLOGY

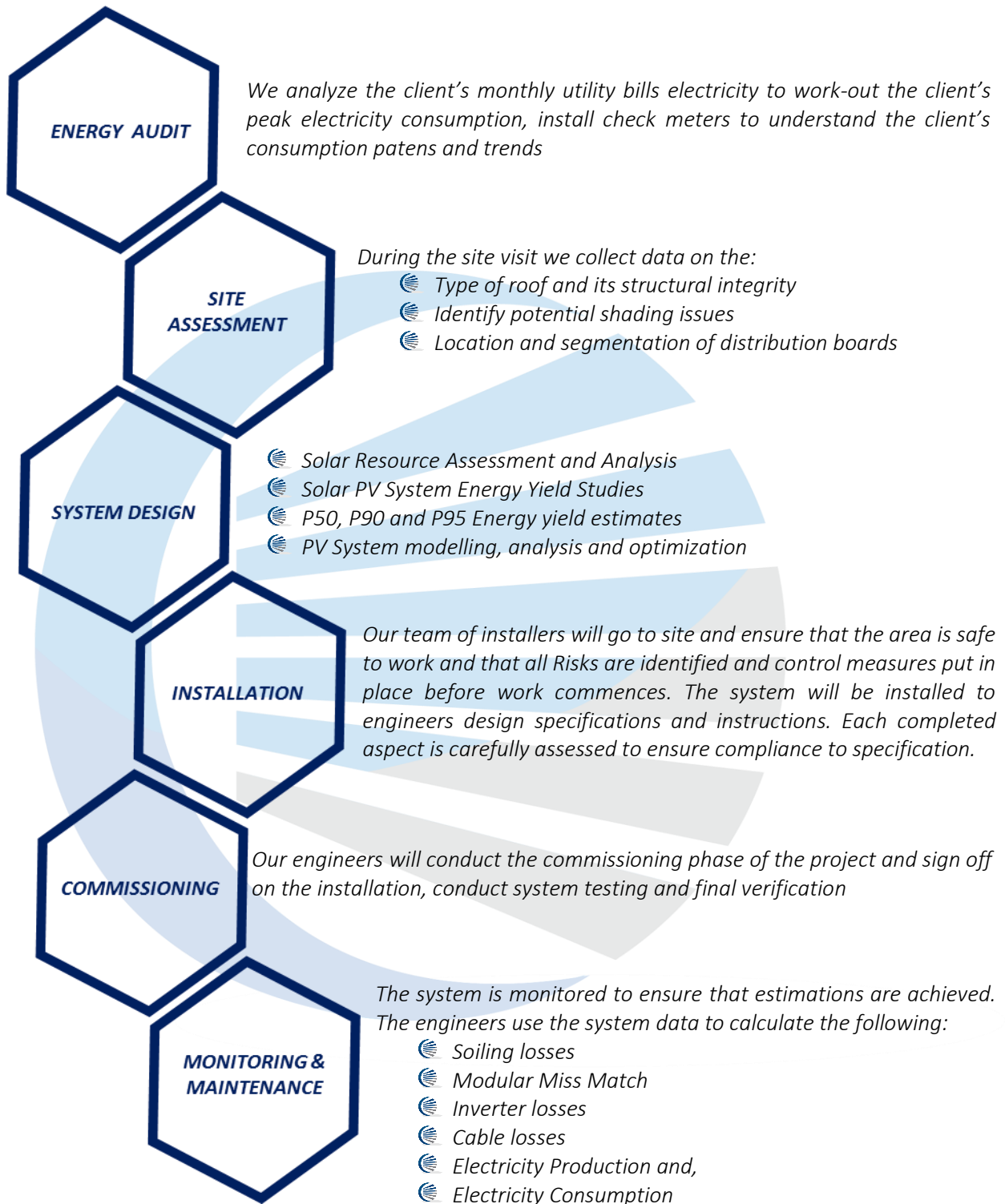


Figure 3 PROJECT METHODOLOGY

11. CURRENT & COMPLETED PROJECTS

SINGELA CONSULTING ENGINEERS has been in operation since August of 2017. Our Core team of highly qualified engineering professionals collectively boast well over 50 years cumulative engineering, project and built environment experience in the industries that we intend supporting and growing into.

CLIENT/ OWNER	PROJECT SPONSOR(S)	PROJECT NAME	SERVICES	YEAR
FIBON Group	Life Healthcare Group	Life Healthcare Hospital 1500 KWp Rooftop Solar PV Plants	Engineering Advisory Services for the Design, Installation, Commissioning, Operations and Maintenance of 3 X Distributed Rooftop Solar PV Power Plants	2017
LEGACY PROJECTS (GP.TECH)				
CLIENT / OWNER	PROJECT SPONSOR(S)	PROJECT NAME	SERVICES	YEAR
AFI Corporate Advisors Proprietary Limited and Mchimadzi Hydro Electric Power Limited	European Union (EU)PP Fund Managed by DBSA	Mulembo-Lelya Hydropower Station, (Zambia)	- Engineering Advisory Services for the appointment of Technical Consultants to perform a full Bankable Feasibility Study (BFS) - Owners Engineers and Technical advisors - Tender compilation (TOR) and - Bid adjudication	2017
AFI Corporate Advisors Proprietary Limited and Powermin Zambia	Owner	Mutinondo & Luchenene Hydropower Schemes, (Zambia)	- Engineering Advisory Services for the appointment of Technical Consultants to perform a full Bankable Feasibility Study (BFS) - Owners Engineers and Technical advisors - Tender compilation (TOR) and - Programme Management	2015

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OUR SOCIAL RESPONSIBILITY

Adopt a Child and School Program

Our social responsibility programs have been designed and developed with the understanding of South African and African socio economic needs and challenges in mind. Our programs are aimed at empowering young leaders of tomorrow, by creating a dignified living environment within which self-esteem and self-confidence can be nurtured and preserved, thus creating a safe environment for the young minds to prosper.

One Meal a Day Program

This program is aimed at addressing one of Africa's biggest challenges, which is food and nutritional shortages, especially amongst the previously disadvantaged and underprivileged communities in Africa. With the current high levels of un-employment in South Africa and Africa in particular, more and more families are finding themselves falling in this category.

UBUNTU Program

Ubuntu program was design particularly to address some of the social ills of the past and nowadays South Africa. This program is based on the notion of "Azibuyele emasisweni", it fosters a community focused solution designed to address specific community needs for the benefit of the broader community.

Environmental Commitment

Our organization commits itself to engaging in safe operations and to developing safe engineering solutions for our clients aimed at preserving the environment within which we operate and conduct our business. "Promoting a Greener Environment through the implementation of Best Engineering Practices ". We commit to adhere and to continuously adapt our processes and systems to conform to all applicable Laws and Regulations within our Industries.



13. MEMBERSHIP AND AFFILIATION



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14. CONTACT DETAILS

REGISTERED ADDRESS

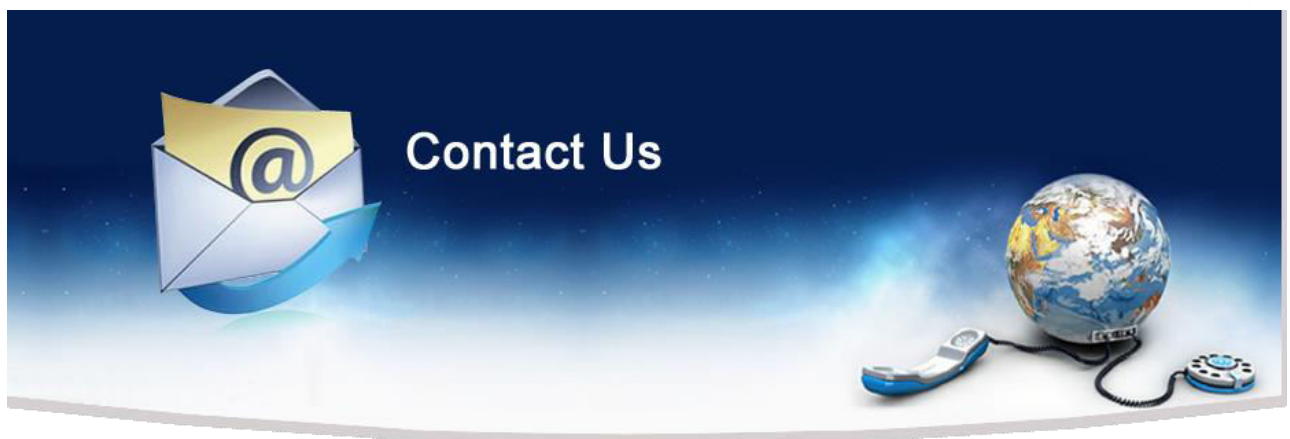
SUIT NO.: 38
COMPLEX: ZAMBALI VILLAS
STREET NO.: 640 JAN BANTJIES RD
SUBURB: MONTANA
CITY: TSHWANE / PRETORIA
PROVINCE: GAUTENG
COUNTRY: SOUTH AFRICA

POSTAL ADDRESS

SUIT NO.: 181
POST: POSTNET SUIT
PRIVATE BAG X15
SUBURB: MENLO PARK
CODE: 0102
CITY: TSHWANE / PRETORIA
PROVINCE: GAUTENG
COUNTRY: SOUTH AFRICA

FOR ENQUIRIES

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