



Your local Engineering & Project Management Partner

COMPANY PROFILE 2026



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Windhoek Consulting Engineers (Pty) Ltd



SCAN: WEBSITE

Your local Engineering & Project Management Partner

SINCE
1977

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SCAN: WCE COMPANY PROFILE

DIRECTORS' MESSAGE

WCE embodies more than a mere corporate identity; as the oldest and largest engineering firm in the country, we are a devoted Namibian cornerstone fostering the growth of our nation and its extensive regions.

Our dedication lies in embracing every occasion to contribute meaningfully to Namibia's advancement through our extensive array of engineering services, showcasing our innovative spirit and our role as a multidisciplinary trailblazer. With a journey spanning nearly half a century, we've consistently demonstrated our ability to deliver world-class engineering solutions, supporting local development, training, and upliftment.

As a firm that continually evolves to meet the dynamic needs of our clients and industries, WCE is excited to announce our expansion into specialised infrastructure services for the green hydrogen and oil and gas sectors, aligning with significant developments within our country. We pride ourselves on our commitment to excellence, innovation, and sustainability, leveraging our expertise to support the growth of these burgeoning fields and contribute to the development of sustainable energy solutions.

We look forward to partnering with stakeholders in these vital sectors, delivering value-driven engineering services, and playing a pivotal role in shaping the future of Namibia's infrastructure landscape, where innovation meets sustainability to create lasting impacts for generations to come.



Victor Rieger
Managing Director



Herman van der Merwe
Director



Janus van der Merwe
Director



Jannie Swiegers
Director

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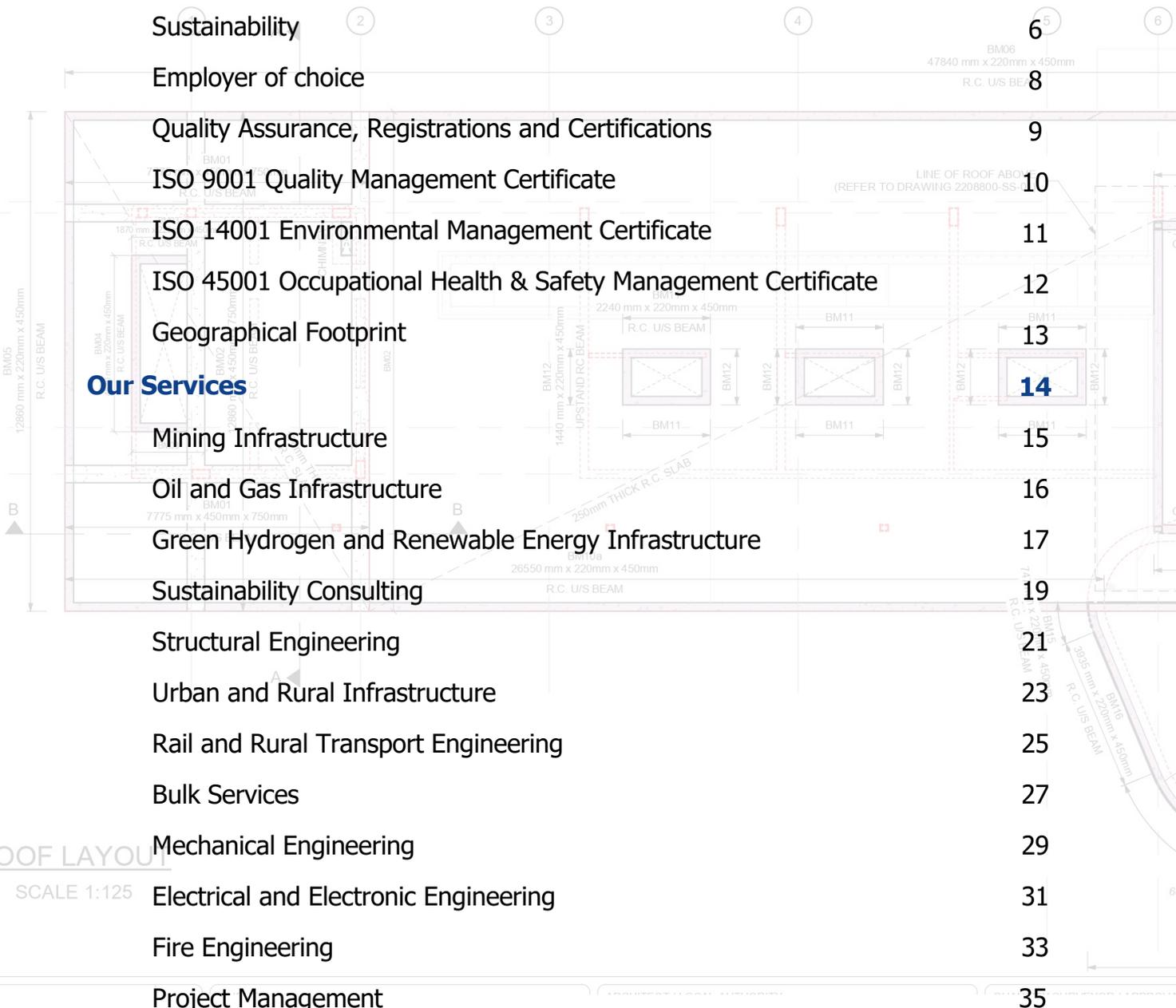
200mm x 150mm x 4mm
RECTANGULAR HOLLOW SECTION
COLUMN WELDED TO CAP PLATE
WITH 6mm FILLET WELDS ALL ROUND

ØY16 U-BARS WELDED
TO CAP PLATE WITH 6mm
FILLET WELDS ALL ROUND

320mm x 320mm x
10mm THK CAP PLATE

TYP. STEEL COLUMN TO SLAB FIXING DETAIL

SCALE 1:10



ROOF LAYOUT

SCALE 1:125



OUR VISION

To be the leading and preferred Multidisciplinary Consulting Engineering Company in Namibia and the Region.

OUR MISSION

To provide a world class Multidisciplinary Consulting Engineering Service in a timely and cost effective manner and ensuring that we exceed our Clients' expectations the first time, every time.

PREFACE

Welcome to WCE Consulting Engineers, a premier Namibian-owned engineering firm with over 45 years of industry experience. Our dedication to delivering excellence in engineering solutions is driven by our commitment to quality, innovation, and sustainability. This document provides an in-depth look at the core values and practices that define WCE, highlighting our focus on quality assurance, sustainable development, and our role as an employer of choice.

WCE Consulting Engineers has built a reputation for excellence through our unwavering commitment to client satisfaction, environmental stewardship, and community engagement. Our multidisciplinary team brings together expertise from various engineering fields to tackle complex challenges and deliver impactful projects. We pride ourselves on our ability to integrate innovative solutions with best practices, ensuring that our projects meet the highest standards of quality and sustainability.

As you explore this document, you will gain insight into our robust footprint, the sustainable practices we champion, and the measures we take to minimize our environmental impact. Additionally, you will learn about our efforts to foster a diverse and inclusive workplace and our commitment to continuous employee development and community support.

Join us in discovering how WCE Consulting Engineers is shaping the future of engineering in Namibia and beyond, creating lasting impacts through our dedication to excellence and sustainability.



INTRODUCTION

OUR CORE VALUES



COMMUNICATION

We strive to effectively communicate with our clients, colleagues and project personnel.



ENTHUSIASM

We are committed to giving that “extra effort” required and to enjoy what we do. We are enthusiastic about our work and always do more than is expected of us. Pride in our work is achieved by doing something special for the client.



POSITIVE MOTIVATION

WCE’s employees are committed to an encouraging, can-do, winning attitude. We will always be pro-active.



RESPECT

Employees treat clients, projects and project personnel as a priority.



TEAMWORK

WCE’s multidisciplinary team is committed to putting the client first, bringing together in unison the people, resources, and expertise best suited to meet our clients’ engineering and management needs.



TRUST

We are all committed to treating others fairly, with integrity and truth in our words and actions.



STRATEGIC ASPIRATIONS

WCE Consulting Engineers, a distinguished leader in the engineering industry with over 45 years of experience, sets ambitious strategic aspirations to guide its future growth and success. These aspirations reflect the firm's commitment to innovation, sustainability, and excellence in delivering engineering solutions tailored to meet the evolving needs of its clients and communities.

1. STRATEGIC LOCAL EXPANSION AND MARKET LEADERSHIP

WCE aims to be the top engineering partner for international projects in Namibia, leveraging innovative solutions and local expertise.

2. SUSTAINABILITY AND ENVIRONMENTAL RESPONSIBILITY

Environmental stewardship is a core priority for WCE. Committed to sustainable practices, WCE designs environmentally responsible solutions that minimise impact and promote long-term sustainability, benefiting communities and the planet.

3. CLIENT-CENTRIC EXCELLENCE

WCE emphasizes client satisfaction and exceeding expectations. By delivering tailored engineering solutions, fostering collaborative partnerships, and maintaining proactive communication, WCE aims to be the trusted partner of choice.

4. TALENT DEVELOPMENT AND ORGANIZATIONAL EXCELLENCE

WCE values its people as key to success. Committed to a diverse, talented workforce, WCE fosters continuous learning, professional growth, and innovation, ensuring industry-leading expertise and superior client outcomes.



SUSTAINABILITY

At WCE Consulting Engineers, sustainability is deeply embedded in our corporate ethos, spanning social, economic, and environmental dimensions.

Social Responsibility: We are committed to nurturing talent through our Graduate Training Programme and supporting education with bursaries and donations of computers and printers to schools. Our community outreach extends to engineering designs, maintenance, and donations to churches, retirement villages, children's homes, town councils, village councils, and various sports clubs. We actively support Cancer Associations by hosting Blood Donation Clinics and Spray-a-Thon events. Additionally, our contributions include vital urban land services such as the Goreangab Ext 4 project.

Economic Impact: WCE collaborates closely with SMEs, fostering local economic growth and sustainability. Through our projects, we create jobs and provide training opportunities, empowering communities to thrive economically.

Environmental Stewardship: As pioneers in sustainable building practices, we are proud to be registered with the Green Building Council Namibia. Our commitment is exemplified by delivering 5-star Green Star buildings and achieving Namibia's first 6-star Green Star new building rating. These initiatives underscore our dedication to minimizing environmental impact and promoting sustainable development practices.

In essence, sustainability at WCE goes beyond compliance; it is our promise to create lasting positive impacts across social, economic, and environmental landscapes.

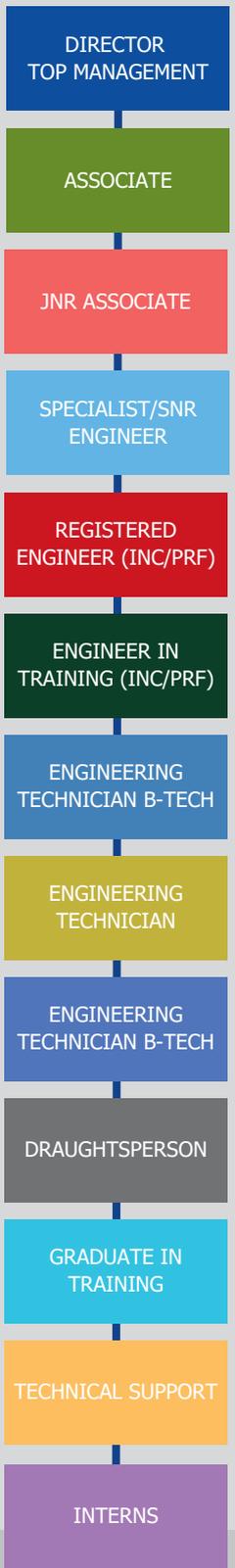


NEDBANK 6-STAR GREEN STAR NEW BUILDING



Proud to have delivered Namibia's first 6-Star Green Star New Building

COMPANY STRUCTURE



EMPLOYER OF CHOICE

WCE Consulting Engineers is proud to be an employer of choice in Namibia, committed to attracting and retaining the best talent in the industry. Our dedication to providing a supportive and rewarding work environment ensures that our employees can thrive and grow professionally. WCE Consulting Engineers is a proud 100% Namibian company that prioritises equality, diversity, and inclusion in all aspects of our operations. We believe that a diverse and inclusive workforce is essential for fostering innovation and achieving excellence.

- **EXPERIENCED MANAGEMENT AND LEADERSHIP**

At WCE, our experienced management and leadership team is at the core of our success. Our leaders bring a wealth of knowledge and expertise, guiding our team with vision and strategic direction. This strong leadership ensures that our employees are well-supported and have clear pathways to success within the company.

- **CONTINUOUS DEVELOPMENT THROUGH WCE TRAINING**

At WCE Consulting Engineers, we believe in fostering a culture of continuous development. We offer financial assistance to our employees to pursue further studies, equipping them with the latest industry knowledge and skills. By investing in professional development, we ensure our team remains at the forefront of engineering innovation and sustainability, empowering them to achieve their full potential.

- **GROWTH OPPORTUNITIES WITHIN THE COMPANY**

WCE is committed to promoting from within and providing ample growth opportunities for our employees. We believe in nurturing talent and offering career advancement paths that align with individual aspirations and company goals. Our preference for internal promotions ensures that our team members can grow and advance their careers within WCE, contributing to our long-term success and stability.

WCE CONSULTING ENGINEERS

Going beyond just engineering



QUALITY ASSURANCE AND REGISTRATIONS

QUALITY ASSURANCE

At WCE Consulting Engineers, we uphold rigorous quality standards underpinned by our ISO 9001-2015 registration. Our commitment to excellence guarantees client satisfaction and project success.

Our robust quality management system includes:

- Regular Audits and Reviews: Internal and external audits uphold compliance and drive process refinement.
- Detailed Documentation: Comprehensive project documentation ensures transparency and accountability.
- Training and Development: Ongoing professional development keeps our team proficient in cutting-edge practices.

REGISTRATIONS AND CERTIFICATIONS

WCE Consulting Engineers proudly maintains several registrations and certifications that underscore our commitment to quality and excellence in engineering services:

- **Engineering Council of Namibia (ECN):** Ensures adherence to local engineering standards and regulations.
- **Association of Consulting Engineers Namibia (ACEN):** Membership signifies our dedication to professional ethics and industry best practices.
- **Green Building Council Namibia (GBCNA):** Supports our expertise in sustainable building practices.
- **ISO 9001-2015:** Certification demonstrates our rigorous quality management systems. These credentials affirm our technical proficiency and assure clients of our unwavering commitment to delivering projects that meet global standards of excellence.





SANCERT

CERTIFICATE

This is to certify that

WCECONSULTINGENGINEERS

Address

**51 Sir Seretse Khama Street
Windhoek
Namibia**

Has been audited & certified against the following standard

ISO 9001:2015

Scope of Certification

WCE offers multidisciplinary professional engineering services in the fields of transport, urban, water, structural, mechanical, and electrical engineering as well as providing project management services.

35	202211001	01/11/2022	01/11/2025	31/10/2026
IAF Code	Certification No	First Issue Date	Reissue Date	Valid Until

QUALITY MANAGEMENT

Behrens

Issued on Behalf of Sancert



Certificate 1 of 3- This certificate is part of a 3-year agreement. It is issued without altercation, and valid subject to ongoing compliance with certificate requirements. To validate please visit www.sancert.global.

2nd Floor (S8&9), The Sanctuary Mall, Cnr De Beers Ave and Broadway Blvd, R44, Somerset West, 7581



SANCERT

CERTIFICATE

This is to certify that

WCECONSULTINGENGINEERS

Address

**51 Sir Seretse Khama Street
Windhoek
Namibia**

Has been audited & certified against the following standard

ISO 14001:2015

Scope of Certification

WCE offers multidisciplinary professional engineering services in the fields of transport, urban, water, structural, mechanical, and electrical engineering as well as providing project management services.

35	202512020	22/12/2025	31/10/2026
IAF Code	Certification No	Issue Date	Valid Until

ENVIRONMENTAL MANAGEMENT

Behrens

Issued on Behalf of Sancert



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SANCERT CERTIFICATE

This is to certify that

WCECONSULTINGENGINEERS

Address

**51 Sir Seretse Khama Street
Windhoek
Namibia**

Has been audited & certified against the following standard

ISO 45001:2018

Scope of Certification

WCE offers multidisciplinary professional engineering services in the fields of transport, urban, water, structural, mechanical, and electrical engineering as well as providing project management services.

35	202512021	22/12/2025	31/10/2026
IAF Code	Certification No	Issue Date	Valid Until

OCCUPATIONAL HEALTH & SAFETY

Behrens

Issued on Behalf of Sancert



C99c

Certificate 1 of 3- This certificate is part of a 3-year agreement. It is issued without altercation, and valid subject to ongoing compliance with certificate requirements. To validate please visit www.sancert.global.

2nd Floor (S8&9), The Sanctuary Mall, Cnr De Beers Ave and Broadway Blvd, R44, Somerset West, 7581

GEOGRAPHICAL FOOTPRINT



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WCE
ENGINEERING EXCELLENCE

WCE Offices

   **Projects Beyond Borders**

A person wearing a white long-sleeved shirt and a high-visibility safety vest with reflective green and red stripes is shown from the chest up. They are holding a large, rolled-up white document or blueprint. The background is a high-angle, panoramic view of a dense urban city skyline with numerous skyscrapers and buildings under a clear sky. The overall image conveys a sense of professional service and urban development.

OUR SERVICES

Mining Infrastructure

At WCE Consulting Engineers, we understand the vital role that robust infrastructure plays in the success of any mining operation. Our team of experienced engineers collaborates with you to design, build, and maintain the support infrastructure upon which your mining ventures can flourish.

Key services include:

Our team of support infrastructure experts offers a comprehensive range of services, including:

- **Access roads planning & design:** Designing efficient and safe road systems for easy access to mines
- **Railway planning & design:** Planning and designing railway infrastructure including tracks, stations, and signalling systems
- **Bulk earthworks for platforms:** Planning and designing large-scale earthmoving operations to prepare stable ground for industrial platforms or structures
- **Bulk water supply & storage:** Designing systems for the efficient storage and distribution of large volumes of water
- **Electrical reticulation & distribution:** Planning and distributing electrical networks to efficiently supply power to various points within a mine
- **Fire engineering:** Designing systems and strategies to mitigate fire risks and ensure safety in industrial or commercial settings
- **Ventilation designs:** HVAC systems are meticulously crafted to optimise airflow and air quality within mines
- **Acid conveyance & storage:** Handling the safe conveyance and storage of acids, ensuring compliance with safety standards
- **Lateral support & retaining walls:** Designing structures to prevent soil movement and provide lateral support for excavations or embankments
- **Lattice support structures:** Designing frameworks using lattice structures to support loads efficiently in industrial / mining projects
- **Slope stabilisation:** Encompasses techniques and interventions designed to secure and reinforce natural or man-made slopes, safeguarding against erosion and instability.



Oil and Gas Infrastructure

To support Namibia's growing presence in the energy sector, WCE Consulting Engineers launched its Oil and Gas Graduate Programme in January 2025. This marks an exciting milestone in our commitment to building local capacity and developing future-ready engineering professionals equipped for the evolving demands of the oil and gas industry.

As part of this initiative, WCE has hosted a series of introductory training sessions, aimed at familiarising our team with key concepts and processes in the sector.

These sessions included topics such as:

- Introduction to Oil and Gas Development
- Overview of Floating Production Storage and Offloading (FPSO) Units
- Introduction to Subsea Systems
- Basics of Supply Chain Management in Oil and Gas
- Introduction to Risers and Flowlines
- Foundations of Subsurface Oil and Gas Engineering

These foundational sessions are part of our broader strategy to prepare our engineers for active involvement in Namibia's energy future. We are excited about what lies ahead and remain optimistic about the opportunities to contribute meaningfully to the growth and sustainability of the oil and gas industry in the region.

Green Hydrogen and Renewable Energy Infrastructure

WCE Consulting Engineers offers comprehensive infrastructure engineering services specifically dedicated to the development and execution of green hydrogen and other renewable energy projects. Consider collaborating with our team of forward-thinking engineers to design and build the essential support infrastructure that will power a sustainable future with clean, green energy.

Key services include:

Our team of support infrastructure experts offers a comprehensive range of services, including:

- **Access roads planning & design:** Designing efficient and safe road systems for easy access to mines
- **Logistical advice:** Using knowledge of local conditions and/or regulations to provide sound, logistical advice such as route determination from harbour-to-site, and where best to position wind/solar structures
- **Bulk earthworks for platforms:** Planning and designing large-scale earthmoving operations to prepare stable ground for industrial platforms or structures
- **Bulk water supply & storage:** Designing systems for the efficient storage and distribution of large volumes of water
- **Electrical reticulation & distribution:** Planning and distributing electrical networks to efficiently supply power to various points within a mine
- **Fire engineering:** Designing systems and strategies to mitigate fire risks and ensure safety in industrial or commercial settings
- **Construction of on-site buildings:** Designing and construction supervision of any structure necessary for the smooth operation of the energy plant
- **Pipelines:** Designing and providing construction supervision for infrastructure tailored to safely and efficiently transport products of green hydrogen production

Green Hydrogen and Renewable Energy Infrastructure



DAURES GREEN HYDROGEN VILLAGE PHASE 1 (ENERSENSE ENERGY NAMIBIA)

Description

Development of services infrastructure for construction of Dâures Green Hydrogen Village Phase 1.

Appointments

WCE provided full civil, structural, electrical and mechanical engineering services (design, tenders and construction supervision) for the following components:

- Village Houses, Processing Facilities, Domestic Buildings Greenhouses, Warehouses, Domestic Buildings
- Solar Plant
- Electrolyser, Substation and Reverse Osmosis building
- Gravel Access Road and Intersection with D2303
- Gravel Internal Roads and Parking Area
- Stormwater reticulation
- Bulk water supply
- Internal Potable water reticulation
- Water borne Sewer System
- Wastewater treatment plant
- 11kVA Electrical distribution network and mini sub-stations
- LV Distribution, Streetlighting

Project Value Status

USD 3,536,338.80
2023 - 2025



DIAZ WIND FARM (DIAZ WIND POWER PTY LTD)

Description

An exciting project involving the construction of 11 wind turbines to provide energy for NamPower.

Appointments

WCE is responsible for the road infrastructure and platform construction on which the turbines will be placed. WCE also provides design, procurement and construction supervision as well as logistical advice to make implementation of the project as smooth as possible.

Project Value Status

N/A
2024 - Ongoing

Sustainability Consulting

At WCE Consulting Engineers, we are passionate about creating a sustainable future. We offer a comprehensive suite of sustainability consulting and engineering services, empowering our clients to minimise their environmental impact and operate in a more responsible way.

Key services include:

Our team of experienced sustainability engineers offers a comprehensive range of services, including:

- **Sustainability Strategy Development:** Our team works collaboratively with you to develop a customised sustainability strategy aligned with your business goals and environmental values.
- **Green Building Certification Support:** Our team offers guidance and support in achieving green building certifications (Green Star, EDGE or LEED) demonstrating your commitment to sustainable construction.
- **Climate Change Mitigation and Adaptation Strategies:** We help you develop strategies to reduce your carbon footprint and adapt to the effects of climate change, ensuring your business is future proofed.
- **ESG Strategies:** At WCE, we offer ESG Strategies as a core service to empower our clients in aligning their business practices with Environmental, Social, and Governance principles. Our tailored strategies encompass environmental stewardship, social responsibility, and robust governance frameworks, helping businesses enhance sustainability, mitigate risks, and foster long-term value.

ESG



ENVIRONMENTAL

Considers how a company performs as a steward of nature

Climate Change Strategy,
Biodiversity,
Water Efficiency,
Carbon Intensity,
Environmental Management System



SOCIAL

Examines how a company manages its relationships with employees, suppliers, customers and the community

Equal Opportunities,
Freedom of Association,
Health & Safety,
Human Rights,
Customer & Products,
Responsibility,
Child Labour



GOVERNANCE

Deals with how much a company is governed

Business Ethics,
Compliance,
Board Independence,
Executive Compensation,
Shareholder Democracy

Sustainability Consulting



6-Star Green Star Building (New-Built)

NEDBANK HEAD OFFICE (NEDBANK NAMIBIA)

Description

Sixteen-storey project (5 levels of parking below ground, and 11 levels of commercial and utility above ground) for Nedbank's new Head office. It would later become Namibia's first 6-star Green Star New Building.

Appointments

Full Structural and Civil Engineering Consultancy, as well as Sustainability Consultancy.

Project Value Status

USD 27,150,000.00
2018 - 2021



5-Star Green Star Building

FNB HEADQUARTERS (FNB NAMIBIA)

Description

New headquarters for the First National Bank Of Namibia. The building covers 4600 square meters, 6 basement levels and 5 levels above ground. It is the first Green Star rated building in Namibia that can house 1100 people.

Appointments

Duties consisted of Bulk earthworks, Structural design of the building, Stormwater drainage and Electrical. Supervision of Construction was also included.

Project Value Status

USD 50,000,000.00
2013 - 2015



Level 2 EDGE Advanced

CAPRICORN CORNER (CAPRICORN GROUP)

Description

EDGE Certification – Green Building Certification Process.

Appointments

WCE reviewed all designs and calculated the building's efficiencies against a conventional building of similar size/occupancy & submitted data to the Green Business Certification Inc for validation. After review, Capricorn Corner received a level 2 (EDGE Advanced) certification level, indicating 40% or more on-site energy savings.

Project Value Status

N/A
2020 - 2021

Structural Engineering

Structural engineering is a specialised branch of engineering that deals with the design, analysis, and construction of structures, such as buildings, bridges, dams, tunnels and towers. Our structural engineering services ensure the safety, stability, and functionality of your building projects.

Key services include:

Our team of experienced structural engineers offers a comprehensive range of services, including:

- **Structural Design:** focusing on foundation solutions, lateral support & retaining walls, water retaining structures, lattice support structures with expertise spanning across various materials including reinforced concrete, steel, and masonry.
- **Analysis and Rehabilitation:** We offer analysis of existing buildings and infrastructure, followed by recommendations for rehabilitation or retrofitting to extend their lifespan and meet current standards.
- **Construction Management and Inspection:** Our commitment extends beyond design. We can provide construction management and inspection services to ensure your project is built to the highest standards and adheres to the plans.

WCE's structural engineering expertise is applicable to a wide range of projects, including:

- Commercial and industrial facilities
- Residential buildings
- Infrastructure projects
- Institutional facilities
- Sports, leisure and stadium developments
- Airports

Structural Engineering



4@STEPS OFFICE BUILDING (DEMUSHUWA PROPERTY DEVELOPERS)

Description	Construction of two towers with four floors of office space each, with two floors of underground parking.
Appointments	Duties consisted of Structural design of the buildings, Stormwater drainage and Civil works, with supervision of construction also included.
Project Value	USD 4,167,080.00
Status	2023 - 2025



HILTON HOTEL (AFRICAN PRIDE HOSPITALITY)

Description	Construction of a new 5-star Hilton Hotel with 10 storeys and multiple basement parking.
Appointments	Duties consisted of Bulk earthworks, Structural design of the building, Stormwater drainage and Electrical. Supervision of Construction was also included.
Project Value	USD 10,084,033.00
Status	2007 - 2011



PEPKOR WAREHOUSE AND DISTRIBUTION CENTRE (SAFLAND PROPERTY GROUP)

Description	14600 square meters Distribution Center / Warehousing and staff facilities for Pepkor and FP du Toit Transport.
Appointments	Duties consist Preliminary design, cost estimates, detailed design, tender documentation, draughting and contracting administration.
Project Value	USD 5,882,000.00
Status	2022 - 2024

Urban and Rural Infrastructure

WCE Consulting Engineers is a leader in urban and rural infrastructure engineering, dedicated to developing communities with safe, efficient, and sustainable infrastructure solutions. Our team of experienced engineers combines technical expertise with a deep understanding of local needs to deliver projects that improve the quality of life for all.

Key services include:

Our team of experienced urban and rural infrastructure engineers offers a comprehensive range of services, including:

- **Transportation planning and design:** WCE offers comprehensive services for roads, bridges, railways, and other transportation infrastructure projects. We prioritize safety, accessibility, and efficient traffic flow in both urban and rural settings.
- **Water and wastewater systems:** Our engineers design and oversee the construction of water treatment plants, distribution networks, and wastewater treatment facilities, ensuring access to clean water and proper sanitation.
- **Stormwater drainage systems:** WCE provides solutions to manage stormwater runoff, preventing flooding and protecting both property and the environment.
- **Project management:** WCE offers expert advice on PPP (Public, Private, Partnerships) projects to ensure smooth running of the project from start to finish.

WCE's urban and rural infrastructure portfolio encompasses a wide range of projects:

- Urban Redevelopment Projects
- Rural Development Initiatives
- Road Network Improvements
- Water Resource Management Projects
- Renewable Energy Integration

Urban and Rural Infrastructure



AUASBLICK EXT 1 (SINCO INVESTMENT SIXTY ONE PTY LTD)

Description	Residential development in Windhoek consisting of 100 erven.
Appointments	Design, Bid documentation, Construction Supervision, Contract Administration and Quality Assurance for the construction of Municipal Infrastructure (Inc: Bitumen standard roads, Wastewater conveyance networks, Bulk water supply & reticulation, stormwater infrastructure, bulk electrical supply & reticulation and communication.
Project Value	USD 12,000,000.00
Status	2020 - 2024



ROCKY CREST EXT 4 (OTWEYA LAND DEVELOPERS)

Description	Residential development in Windhoek consisting of 274 medium cost residential erven.
Appointments	Detail design, Bid documentation, Construction Supervision, Contract Administration and Quality Assurance for the construction of Municipal Infrastructure (Inc: Bitumen standard roads, Wastewater conveyance networks, Bulk water supply, and water reticulation, stormwater infrastructure, bulk electrical supply and reticulation and communication.
Project Value	USD 6,000,000.00
Status	2018 - 2020



ACADEMIA EXT 1 (ACACIA INVESTMENTS)

Description	A new residential development in Windhoek consisting of 450 medium cost residential erven.
Appointments	Duties consist of Design of Bitumen Roads, Electric infrastructure, Stormwater infrastructure, Sewer infrastructure and Water.
Project Value	USD 7,950,000.00
Status	2013 - 2016

Rail and Rural Transport Engineering

Transport engineering is a field of engineering that specializes in the planning, design, construction, and maintenance of transportation infrastructure that efficiently move people and goods safely from one place to another. At WCE, we leverage our expertise to design and deliver efficient, sustainable rail infrastructure solutions that unlock economic growth and improve lives in rural communities.

Key services include:

Our team of experienced rail and rural transport engineers offers a comprehensive range of services, including:

- **Rail network design and engineering:** WCE provides comprehensive services for all aspects of rail infrastructure development, including trackwork, signalling systems, stations, and bridges.
- **Rural infrastructure integration:** Our engineers design rail infrastructure that seamlessly integrates with existing rural infrastructure, promoting accessibility and economic activity, which aligns with Namibia's vision of being a transport hub servicing the SADC community.
- **Construction management and support:** From groundbreaking to completion, WCE offers construction management and support services, ensuring your rail project is delivered on time and within budget. There is a large focus on local inclusion, creating capacity and development through sustainable means both in the engineering and contracting fields.
- **Infrastructure development:** Driving progress through expert planning and execution of robust infrastructure projects.
- **Sustainable transportation systems:** Designing and implementing eco-friendly solutions for efficient and sustainable transportation networks.
- **Cost estimation and financial planning:** Delivering accurate cost estimates and strategic financial planning to optimize project investments.
- **Technology and innovation:** Harnessing cutting-edge technology and innovative approaches to solve complex engineering challenges.

Focusing on these knowledge areas and integrating them into the planning and execution processes helps the transport division to address the unique challenges and opportunities presented by operating in our local developing market economy. By doing so, we strive for sustainable, efficient, and impactful transport infrastructure development tailored to the region's specific needs and conditions.

Rail and Rural Transport Engineering



KRANZBERG-TSUMEB UPGRADE (MWT)

Description	The project consists of the rehabilitation and upgrading of the railway line between Kranzberg and Tsumeb.
Appointments	Duties consisted of rehabilitation and upgrading phase 1, emergency repairs and maintenance phase 1, procurement of ballast phase 1, manufacturing of concrete sleepers, transportation of concrete sleepers from factory to various stations and halts along Kranzberg to Tsumeb Railway line.
Project Value	USD 41,300,000.00
Status	2011 - Ongoing



ONDANGWA-OSHAKATI RAILWAY LINE (MWT)

Description	The construction of a new railway line between Ondangwa and Oshakati including earthworks, a road-over-rail bridge, station buildings, halts and permanent way.
Appointments	Duties includes Design, management of the appointment of contractors for construction works, procurement of materials and site supervision.
Project Value	USD 17,647,058.00
Status	2015 - Ongoing



MR67 KHORIXAS- UIS UPGRADE (ROADS AUTHORITY)

Description	Design of Main Road 76 between Khorixas to Uis to Bitumen Standards.
Appointments	Duties consist of Detail Survey, material investigation, centreline soil survey, geometric design, pavement design, contract administration, tendering phase, evaluation of tenders and tender award and construction supervision.
Project Value	USD 55,882,352.00
Status	2016 - Ongoing

Bulk Services

At WCE Consulting Engineers, we understand the critical role robust bulk services infrastructure plays in the development and well-being of any community. We offer a comprehensive suite of engineering services dedicated to the planning, design, and construction of efficient and sustainable bulk services infrastructure. Our team of experienced engineers collaborates with you to develop solutions that meet the growing demands for clean water, sanitation, and effective waste management.

Key services include:

Our team of experienced civil engineers offers a comprehensive range of services, including:

- **Water supply systems:** Our team designs and engineers reliable water supply systems, including water treatment plants, pumping stations, storage reservoirs, and distribution networks. We ensure access to clean and safe drinking water for all.
- **Wastewater management:** WCE provides expertise in designing and overseeing the construction of wastewater collection and treatment systems, minimising environmental impact and promoting public health.
- **Bulk stormwater & flood assessment:** We conduct thorough assessments of stormwater drainage and potential flood risks. Our engineers design effective stormwater management systems to protect communities and infrastructure from flooding.
- **Bulk infrastructure masterplans:** WCE can assist in developing comprehensive bulk infrastructure masterplans that assess future growth projections and plan for the development of essential bulk services infrastructure to meet the long-term needs of your community.
- **Solid waste management (SWM):** Our team offers expertise in designing and implementing sustainable solid waste management solutions, including landfills, waste transfer stations, and recycling facilities.
- **Water treatment plants:** WCE designs and engineers water treatment plants that utilize cutting-edge technologies to remove contaminants and ensure water quality meets the highest standards for safe drinking water.

Bulk Services



SWAKOPMUND WWTP (SWAKOPMUND MUNICIPALITY)

Description	The Client requested the design of a 12,0MI/day sewerage treatment plant.
Appointments	The design included the design of a raw sewerage pump station, rising main as well as all required elements within the treatment plant. Scope of consultancy included structural designs, electrical supply and controls, mechanical designs, civil designs, construction bidding documentation, construction supervision, quality assurance, testing and commissioning of plant.
Project Value	USD 21,250,000.00
Status	2009 - 2013



OTJIMBINGWE BULK WATER SCHEME (NAMWATER AND DWSSC)

Description	Civil, Building, and Ancillary work for the Bulk Water Supply Scheme to the Otjimbingwe Area – Civil/Structural.
Appointments	All phases from inception, feasibility, design tender, project management, and construction supervision for the following: 230km Pipeline – 2x 500m ³ Concrete reservoirs – 4 Pump Stations – 40 tank sites – 70 Manifolds – 4 Operator’s Houses and 1 office Building.
Project Value	USD 10,000,000.00
Status	2011 - 2017



KATIMA MULILO MASTERPLAN AND SWM (KATIMA MULILO TOWN COUNCIL)

Description & Appointments	The execution of the Katima Mulilo Services Master Plan, for Water, Sewer, Waste Management, Roads and Stormwater Management - Water Master Plan (WMP), Sewer Master Plan (SMP), Waste Management Master Plan (WMMP), Roads Master Plan (RMP) and Stormwater Master Plan (SWWP).
Project Value	USD 380,000.00
Status	2017 - 2025

Mechanical Engineering

Our dedicated mechanical engineering team offers a comprehensive suite of services to optimise the design, functionality, and efficiency of your projects. We ensure that the mechanical elements seamlessly integrate with the overall design, delivering efficient and reliable solutions.

Key services include:

Our team of experienced mechanical engineers offers a comprehensive range of services, including:

- **Heating, Ventilation, and Air Conditioning (HVAC) system design**
- **Fire safety systems**
- **Wet services**
- **Compressed air systems**
- **Industrial refrigeration and cold storage**
- **Commercial and industrial kitchen and laundry equipment**
- **Elevators, lifts, hoists and overhead cranes**
- **Medical and specialised gases**
- **Fuel storage facilities and product dispensers**
- **Mobile racking solutions**
- **Incinerators and sterilisers**
- **Specialised materials handling / Acid conveyance and storage**

WCE Consulting Engineers is your trusted partner for all things mechanical. We are committed to:

- **Efficiency and Optimisation:** Our engineers design mechanical systems that optimise performance and minimise energy consumption.
- **Innovation and Expertise:** We stay at the forefront of mechanical engineering advancements, implementing cutting-edge technologies for your projects.
- **Integration and Collaboration:** We work seamlessly with other engineering disciplines to ensure all building systems function cohesively.
- **Sustainable Solutions:** We prioritise sustainability by designing energy-efficient mechanical systems and incorporating green technologies.

Mechanical Engineering



EOS STUDENT ACCOMMODATIONS (NIDIF)

Description	Design, Bidding Documentation, Construction Supervision, Contract Administration and Quality Assurance for student accommodation.
Appointments	WCE responsible for all engineering disciplines, namely structural, civil, transport, mechanical, electrical and electronic.
Project Value	Villa Verdi - USD 4,400,000.00 Mercury - USD 2,950,000.00
Status	2022 - 2023



MAERUA MALL ENTERTAINMENT (ORYX PROPERTIES PTY LTD)

Description	Renovation of the old Virgin Active Gym in Maerua Mall into kids play area, bowling alley and trampoline park.
Appointments	WCE provided professional engineering services including structural design, domestic water, stormwater and drainage, HVAC, fire detection and protection and fire water reticulation.
Project Value	USD 1,083,200.00
Status	2016 - 2018



SWAKOPMUND RETIREMENT VILLAGE (SRV (PTY) LTD)

Description	The service included the full design package ranging from report, preliminary designs up to completion of construction.
Appointments	WCE were responsible for a full spectrum of disciplines as follows: geotechnical, structural, civil, mechanical as well as electrical.
Project Value	USD 4,985,994.00
Status	2015 - 2016

Electrical and Electronic Engineering

WCE Consulting Engineers offers a cutting-edge range of electrical engineering services tailored for the dynamic needs of the present and beyond. Our expertise spans from traditional power distribution to innovative IoT solutions, ensuring our electrical systems are safe, reliable, smart, and future-proof.

Key services include:

Our team of experienced electrical and electronic engineers offers a comprehensive range of services, including:

- **Electrical building services:** CCTV & access control, audio/visual systems, energy-saving systems, earthing/lightning protection, power supplies, distribution boards, power systems, safety systems, automation, renewable energy, MV & LV distribution, backup generating plants, UPS
- **Industrial services:** Communication systems, facility lighting, pump stations
- **Electrical reticulation and distribution:** Overhead distribution and transmission, street lighting, rural electrification, low-cost housing
- **Urban & rural electrification and reticulation:** Overhead- and underground reticulation, load centers and substations, street lighting
- **Electronic systems:** Structural cabling, data centers, substation systems, urban telecommunication, security systems, SCADA systems
- **Special services:** Green building accreditation, energy management audits, network analysis, substation auditing

WCE Consulting Engineers is your trusted partner for all things electrical and electronics. We are committed to:

- **IoT integration:** Our IoT specialist brings cutting-edge expertise to every project, ensuring your electrical systems are smart, efficient, and future-ready.
- **Proven track record:** With successful projects ranging from 5-star hotels to advanced industrial facilities, we have the experience to handle any challenge.
- **Green building focus:** Our commitment to energy efficiency and sustainability is embedded in every solution we offer.
- **Holistic approach:** From traditional electrical engineering to advanced electronic systems, we provide end-to-end solutions under one roof.
- **Industry 4.0 ready:** Our services are designed to support the fourth industrial revolution, integrating IoT, data analytics, and automation seamlessly.

Electrical and Electronic Engineering



LAFRENZ EXT 1, 2, & 3 (TRUSTCO GROUP INTERNATIONAL)

Description	Design, tender documentation, contract administration, construction supervision and quality assurance of municipal services for Lafrenz Extensions 1, 2 & 3 in Windhoek.
Appointments	WCE responsible for all engineering disciplines, namely structural, civil, transport, mechanical, electrical and electronic.
Project Value	Ext 1 - USD 2,500,000.00 Ext 2 & 3 - USD 7,350,000.00
Status	2015 - 2019



MVA KATIMA MULILO (MVA FUND)

Description	Construction of MVA Fund office in Katima Mulilo to provide service to the Zambezi region.
Appointments	WCE provided electrical engineering services including building electrical installation, lighting, intrusion alarm system, structure cabling, UPS installation, etc. WCE was also responsible for structural, civil and mechanical works of the project.
Project Value	N/A
Status	2022 - 2024



ZAMBEZI RURAL ELECTRIFICATION (MME)

Description & Appointments	Construction of Medium Voltage (33kV) network and 0.4kV areal bundle ABC reticulation. Rural Elec Program for Design, Contract documentation and Supervision.
Project Value	USD 1,173,532.82
Status	2014 - 2023

Fire Engineering

WCE Consulting Engineers prioritises safety in every project. Our dedicated fire engineering team offers a comprehensive range of services to minimise fire hazards and ensure the safety of occupants in any building.

Key services include:

Our team of experienced fire engineering experts offers a comprehensive range of services, including:

- **Fire Protection Plans & Rational Fire Designs:** Our team creates holistic fire protection plans, considering occupant safety, building codes, and cost-effectiveness. We utilise rational fire design principles to optimise fire safety measures without unnecessary expense.
- **Fire Suppression Systems:** WCE engineers design and oversee the installation of automatic fire suppression systems, including sprinklers, gaseous suppression systems, and foam suppression systems.
- **Fire Detection Systems:** We design and implement fire detection and alarm systems that comply with relevant industry standards. These systems ensure early detection of fires, allowing for a swift response and evacuation.
- **Fire Water Systems:** Our team designs fire water reticulation systems, ensuring an adequate and reliable water supply for firefighting purposes. This includes fire hydrants, hose reels, and water storage tanks.
- **Smoke Ventilation Systems:** WCE engineers design smoke ventilation systems that effectively remove smoke and heat from a building in the event of a fire, improving visibility and facilitating safe egress.
- **Compartmentation and Evacuation Strategies:** We develop compartmentation strategies to limit the spread of fire within a building and create safe evacuation routes for occupants.

WCE's fire engineering experience covers a wide range of projects:

- High-Rise Buildings
- Hospitals and Healthcare Facilities
- Schools and Educational Institutions
- Commercial and Industrial Buildings
- Residential Buildings

Fire Engineering



MAERUA MALL ENTERTAINMENT (ORYX PROPERTIES PTY LTD)

Description	Renovation of the old Virgin Active Gym in Maerua Mall into kids play area, bowling alley and trampoline park.
Appointments	WCE was responsible for the fire rationale design of the project. WCE also provided structural design, mechanical design, domestic water, stormwater and drainage services.
Project Value	USD 1,083,200.00
Status	2016 - 2018



PEPKOR DISTRIBUTION FIRE DESIGN (SAFLAND PROPERTY GROUP NAMIBIA)

Description	Due to very specific high-risk storage requirements, the distribution centre required a specialised fire rational design.
Appointments	WCE provided internal fire barriers, safety distances, automatic sprinkler systems, fire storage and pumps, and specialised smoke control measures.
Project Value	USD 5,416,000.00
Status	2022 - 2024



3 PLANT & RED AREA COMPLEX (NAMDEB)

Description	Fire engineering systems design for NAMDEB diamond mine. Designs for Conveyors, Workshops, Crushing-Scrubbing- & Screening plants, Motor Control Centres, Electrical Rooms, etc.
Appointments	Duties included Fire Engineering Designs - Automatic Fire Sprinklers, Fire Detection, Gaseous Fire Suppression, Manual fire-fighting equipment, Fire Water Reticulation, Fire Booster Pumps & Water Storage.
Project Value	USD 2,003,920.00
Status	2023 - 2024

Project Management

Effective project management is the cornerstone of bringing your vision to life, on time, within budget, and exceeding expectations. Our team of experienced project managers are your dedicated partners, guiding your project through every stage of development, from project identification to closing.

Key services include:

Our team of experienced project managers offers a comprehensive range of services, including:

- **Project Identification**
 - Conceptualisation
 - Alternatives
- **Project Preparation and Formulation**
 - Feasibility Studies
 - Detail planning and analysis
- **Project Appraisal**
 - Critical reviews
 - Risk and sensitivity analyses
 - Financial & economic assessments
- **Project Implementation**
 - Organisation
 - Funding
 - Stakeholder participation
 - Scheduling and programming
 - Project development
- **Project Monitoring, Controlling and Close-out**
 - Monitor, control project scope, cost and schedule
 - Management of quality, resources and risk
 - Evaluation of project deliverables and client satisfaction



Project Management



MAERUA MALL OFFICE TOWER (ORYX PROPERTIES PTY LTD)

Description	Extensions to the Maerua Mall Shopping Complex Phase 3. New additions included an office block, several parking garages, new shops, a new banking section, external and internal roads.
Appointments	WCE provided professional engineering services for all structural work, external civil works, complete redesign of all roads, all electrical services and mechanical engineering services for lifts, smoke extraction and fire detection.
Project Value	USD 44,700,000.00
Status	2012 - 2014



INDIAN HIGH COMMISSION (HIGH COMMISSION OF INDIA)

Description	Construction of a new multi-purpose hall and boundary wall as well as renovations to the existing building at the High Commission of India, Windhoek.
Appointments	Services rendered include the structural design of the new hall and boundary wall and the overall Project Management and site supervision.
Project Value	USD 471,192.00
Status	2020 - 2020



LASER DOCUMENT WAREHOUSE (LASER PROPERTIES)

Description	High rise document storage warehouse.
Appointments	Duties included design and construction supervision of automatic sprinkler and fire protection installation including diesel pump stations.
Project Value	USD 487,440.00
Status	2016 - 2017