SUSCON

IN STEP WITH TOMORROW

Engineering. Procurement. Construction.

Delivering infrastructure across Sub-Saharan Africa

EXECUTIVE OVERVIEW

Who We Are

SUSCON Construction Solutions Limited is an Engineering, Procurement and Construction (EPC) contractor delivering infrastructure across Sub-Saharan Africa. Founded in 2013 and headquartered in Lusaka, Zambia, the company provides integrated project delivery.

What We Do

SUSCON delivers projects under EPC, Design-Build and traditional construction models, managing the full project lifecycle from engineering and procurement through to construction and handover, or executing works based on client-provided designs.

Track Record

SUSCON has delivered projects across Zambia, Zimbabwe, the Democratic Republic of Congo and Uganda, with experience spanning healthcare, education, industrial, commercial and residential sectors. A key project includes the design and construction of 111 rural healthcare facilities across Zambia, demonstrating the ability to deliver large-scale, multi-site infrastructure programmes.

Delivery & Funding Capability

SUSCON delivers projects under a range of contractual and funding structures, including EPC, Design-Build and traditional models. The company has experience working within FIDIC-based contracts and export credit agency-supported programmes, as well as internationally funded infrastructure projects, ensuring alignment between technical delivery and commercial requirements.

Engineering-Led Approach

SUSCON's approach to project delivery is defined by practical engineering and a focus on buildability. Solutions are developed in response to site conditions, programme requirements and cost constraints, ensuring that design and construction are aligned from the outset.

Positioning

SUSCON is positioned to deliver infrastructure in complex and emerging environments, combining technical capability, commercial discipline and practical construction expertise to achieve reliable project outcomes.

OUR CAPABILITY

SUSCON delivers projects through an integrated Engineering, Procurement and Construction (EPC) model, supported by in-house engineering, commercial and construction capability. The company is structured to provide coordinated delivery across all stages of a project, while also executing construction works under client-led designs where required.

Engineering

In-house capability across civil, structural and electrical disciplines enables the development of practical, buildable solutions aligned to project requirements.

- Civil infrastructure design including roads, stormwater, water and sewer
- Structural design for commercial and industrial buildings
- Electrical systems design, installation and commissioning
- Value engineering and technical coordination

Commercial & Contracts

Commercial performance is managed through experienced quantity surveying and contract administration across a range of contract structures.

- Cost planning and budget control
- Contract administration and compliance
- Variation and claims management
- Financial reporting and cost tracking
- Experience across standard and bespoke contract frameworks, including FIDIC

Procurement

Procurement is managed through a structured approach combining international sourcing with local supply chains.

- Supplier and subcontractor management
- Logistics planning and delivery coordination
- Importation and material tracking

Construction

Projects are delivered by experienced project and site teams across both EPC and traditional construction environments.

- Programmatic and multi-site rollout delivery
- Fast-track project execution
- Site management, quality control and HSE implementation

Integrated Delivery

SUSCON's capability is defined by the integration of engineering, commercial, procurement and construction functions, enabling coordinated execution and clear accountability across all stages of a project.

INNOVATION & ENGINEERED SOLUTIONS

SUSCON develops practical engineering solutions in response to site conditions, programme requirements and cost constraints. This approach allows projects to be optimised for buildability, efficiency and reliable delivery.

Design-Led Solutions

Engineering solutions are developed to align with project-specific conditions and requirements.

- Application of alternative foundation systems, including concrete raft foundations
- Optimisation of structural and civil designs to improve efficiency
- Adaptation of designs to suit construction methodology and site conditions

Construction Methods

Construction methodologies are selected and refined to improve delivery speed, cost efficiency and buildability across projects.

SPIRE© System

SUSCON has developed the SPIRE© construction system, combining engineered light steel framing with insulated and reinforced composite walling.

The system is suited to scalable infrastructure programmes where speed, consistency and performance are critical.

Manufacturing Capability

SUSCON supports its construction activities with in-house manufacturing, including the production of engineered light steel frame roof structures and building components.

This capability improves quality control, reduces lead times and strengthens coordination between design and construction.



Light steel frame structure (SPIRE© system)



Raft foundation and ground preparation

PROJECT EXPERIENCE & SECTORS

SUSCON has delivered infrastructure across Sub-Saharan Africa, with experience spanning healthcare, education, industrial, commercial and residential sectors

Zambia Healthcare Programme

Client: Ministry of Health, Zambia

Scope: 111 healthcare facilities (106,000 m² total built area)

Model: EPC / Design-Build

National rollout of healthcare infrastructure across multiple provinces, involving the delivery of fully serviced medical facilities at scale across both remote and urban environments.

Each facility comprised approximately 959 m² of buildings, with up to 32 sites under construction simultaneously across the country. The programme was supported through export credit agency (ECA) funding.

Key Outcomes

- Large-scale, multi-site delivery across geographically dispersed locations
- Consistent facility design and construction across all sites
- Coordinated execution of simultaneous construction activities nationwide

Engineering Highlight

Standardised building designs were adapted to varying ground conditions through engineered raft foundations, combined with the development and implementation of the SPIRE© construction system. This enabled consistent, repeatable delivery at scale across multiple sites.



Healthcare facility construction - Zambia

Project Twazabuka

Client: Zambia Sugar Plc

Scope: Sugar packaging and storage facility (27,500 m²)

Model: EPC

Engineering-led delivery of a large-scale industrial facility, including a sugar packing hall, finished goods warehouse and bulk storage infrastructure. The project was secured through a technically and commercially competitive solution, outperforming multiple international and regional contractors and is currently under execution.

Key Outcomes:

- Engineering solution formed the basis of a successful competitive bid
- Execution of a 27,500 m² industrial facility within an operational environment

Engineering Highlight:

Bulk excavation of over 55,000 m³ of in situ material, replaced with engineered fill incorporating a dump rock layer and concrete raft foundations, providing a cost-effective solution to challenging ground conditions and optimising structural performance.



Industrial facility construction - Zambia

Cancer Diseases Hospital - Concrete Bunker Complex

Client: Infinitus Construction, Siemens, University Teaching Hospital, Zambia

Scope: Reinforced concrete bunker structures

Model: Construction

Construction of specialised reinforced concrete bunker structures for medical use, requiring significant structural mass and precision.

Key Outcomes:

- Delivery of complex heavy reinforced concrete works
- High levels of structural accuracy and control
- Capability in specialised and technical infrastructure

Engineering Highlight:

Construction of heavily reinforced concrete elements with wall thicknesses exceeding 2 metres and slabs up to 2.5 metres thick.



Reinforced concrete bunker construction - Zambia

PROJECT PORTFOLIO

Healthcare & Social Infrastructure

Clinics, healthcare facilities and national rollout programmes, including community infrastructure such as orphanages and safe houses.

Education

Schools and training facilities, including multi-storey school buildings and phased campus developments and supporting facilities.

Industrial & Manufacturing

Processing plants, manufacturing facilities and warehouses, including design, fabrication and installation of industrial buildings.

Commercial

Office buildings, business parks, mixed-use developments, retail centres and distribution facilities.

Residential

Large-scale housing developments, replacement housing, labour camps, and both affordable and high-end residential construction.

Infrastructure & Civil Works

Bulk earthworks, site development, roads, stormwater and services, including ground-mounted solar installations.

Specialised Structures & Works

Reinforced concrete facilities, bunker-type structures and structural refurbishment works, including upgrades to existing buildings.

Light Steel Frame Systems

Design, fabrication and installation of engineered light steel frame systems across a wide range of applications, including commercial roofing.

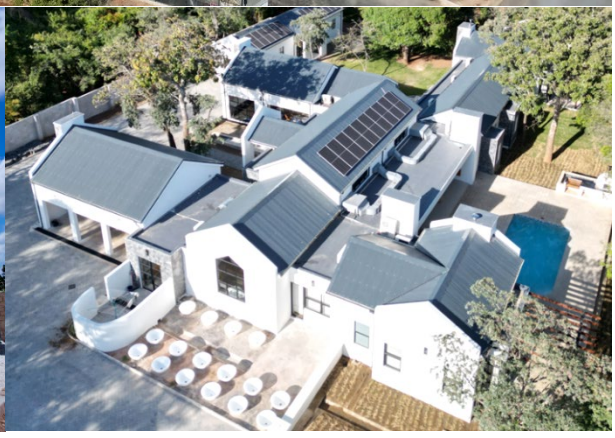












SELECTED CLIENTS

ABF SUGAR

Zambia Sugar

MINISTRY OF HEALTH

SIEMENS Healthineers

Republic of Zambia
Ministry of Defence

INFINITUS CONSTRUCTION
service. excellence

PRIMARY HEALTH CARE · A HEALTHY NATION · MINISTRY OF HEALTH AND CHILD CARE · ZIMBABWE

LDC.
Louis Dreyfus Company

GED AFRICA

NP | NAPOLI PROPERTY

inventta

ZamCables
ALWAYS ON TARGET

FAMILY LEGACY

Harvey
Roofing Products

TKP

SEA
SUSTAINABLE ENERGY AFRICA

LEADERSHIP & DELIVERY

SUSCON is led by an experienced board and supported by a structured delivery team across engineering, commercial and construction functions, enabling controlled execution from engineering through to construction and handover.

Board of Directors

Geoff Walsh

Chairman & Co-Founder

Provides strategic and financial leadership across the business. MBA (International Finance), Cranfield University. Extensive experience in emerging markets, project development and corporate strategy.

Charl Marais

Chief Executive Officer & Co-Founder

Leads the overall strategy and delivery of SUSCON's operations, including large-scale infrastructure programmes across Sub-Saharan Africa. BSc (Hons) Construction Management, University of Pretoria (Distinction).

Richard Shannon

Chief Financial Officer

Chartered Accountant (SA) with over eight years at SUSCON. Provides financial oversight and commercial discipline across the business, with experience across mining, manufacturing and logistics sectors.

Project Delivery Leadership

Eben de Wet

Senior Contracts Manager

Leads commercial and contractual management across projects. Over 35 years' experience across major infrastructure and building projects in Southern Africa, with expertise in procurement strategy, contractual risk and commercial structuring.

Agnes George

Senior Project Manager

Chartered Civil Engineer with international experience across large infrastructure programmes. Leads multidisciplinary project execution, with strong capability in planning, coordination and stakeholder management.



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