SUSCON

IN STEP WITH TOMORROW

Zambia Healthcare Programme

111 Facilities Delivered Nationwide

32	3.5 Years	106,500 m²	500km / 311mi	SPIRE©
Concurrent Sites	Build Duration	1.15M ft² Built Area	Average Haul	Engineered Building System

Delivering infrastructure across Sub-Saharan Africa



CLIENT

MINISTRY OF HEALTH

FUNDING

UK Export Finance

DELIVERY

EXECUTIVE OVERVIEW

SUSCON delivered one of Zambia's largest distributed healthcare infrastructure programmes, completing **111 fully serviced healthcare facilities** across geographically dispersed locations under an integrated **Engineering, Procurement and Construction (EPC)** delivery model.

The programme combined engineering, manufacturing, logistics and construction management within a coordinated delivery framework, enabling simultaneous rollout across urban and remote locations nationwide.

111
Healthcare Facilities Delivered

32
Concurrent Sites

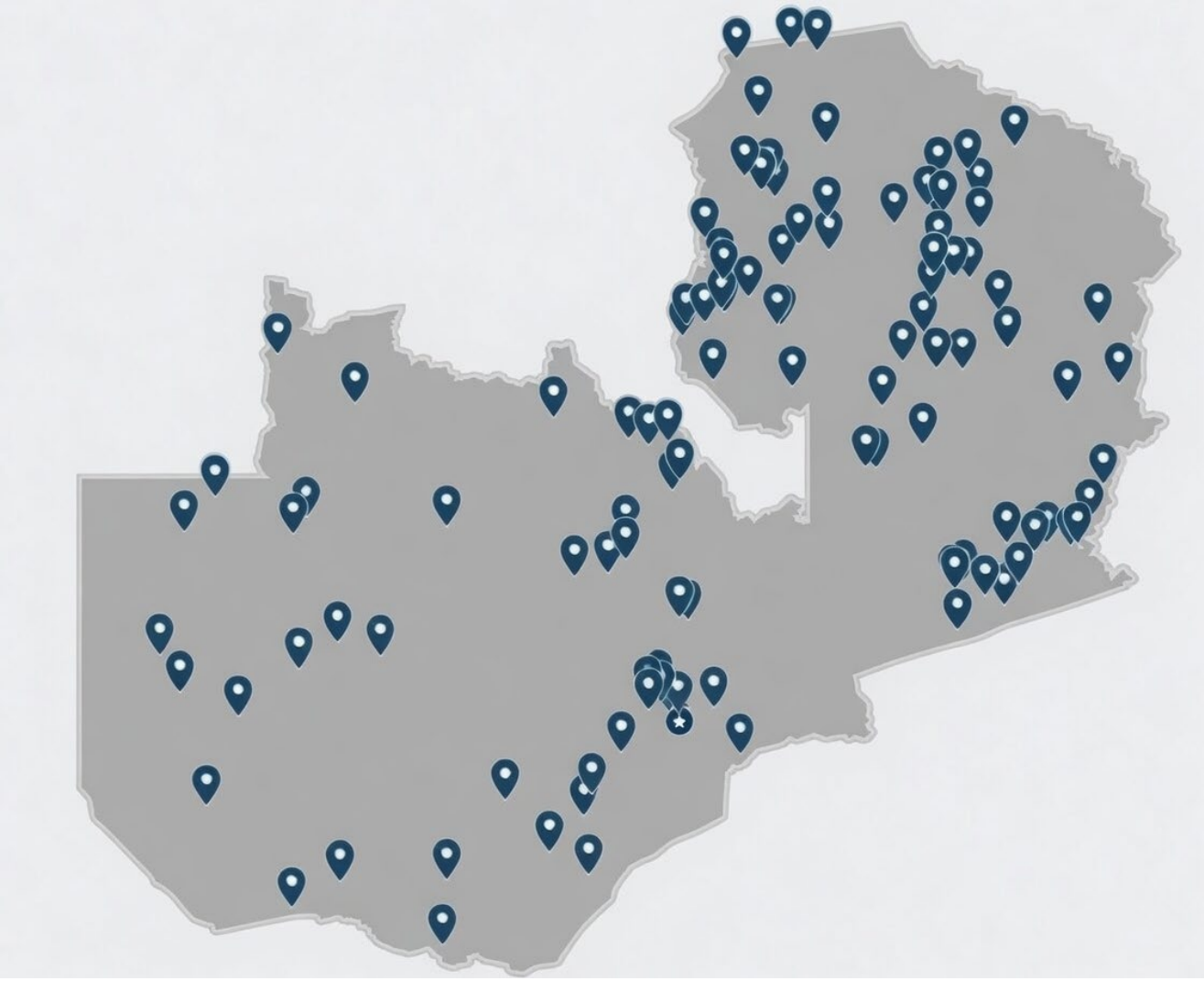
2331
New Hospital Beds

3.5 Years
Programme Duration

Delivering healthcare infrastructure at national scale

PROGRAMME DELIVERY

National Rollout at scale



National healthcare facility rollout across Zambia

DELIVERY APPROACH

The Zambia Healthcare Programme required simultaneous delivery across geographically dispersed locations, ranging from urban centres to remote rural communities. SUSCON implemented an integrated delivery framework combining engineering, procurement, manufacturing, logistics and construction management within a single programme structure.

Standardised facility designs were combined with site-specific engineering solutions, enabling rapid deployment while maintaining quality and programme control across multiple active locations.

PROGRAMME EXECUTION

Central programme management systems coordinated procurement, manufacturing, material distribution and site operations across the country, enabling multiple construction teams to operate concurrently while maintaining quality standards and delivery objectives.

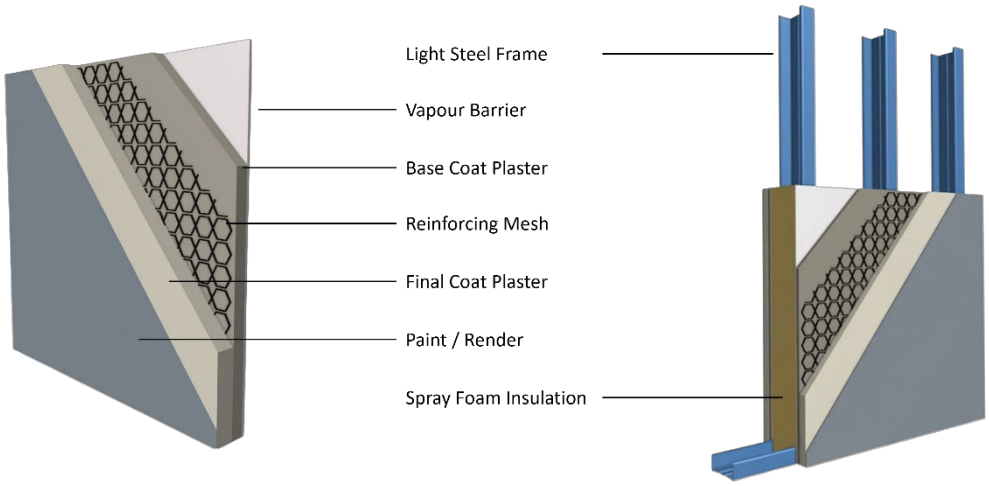
Integrated planning enabled design, manufacturing and construction activities to progress in parallel, improving programme efficiency across the nationwide rollout.

SPIRE® ENGINEERED BUILDING SYSTEM

Proprietary engineered building system







SUSCON developed SPIRE® (Steel Frame, Plastered, Insulated, Reinforced, Engineered) as an integrated construction system combining engineered light steel framing, insulation and reinforced composite wall assemblies. The system was developed to improve construction speed, material efficiency, thermal performance and long-term sustainability outcomes.

SPIRE® was intentionally designed to retain the appearance and permanence of conventional masonry construction, creating buildings that feel familiar to occupants while delivering the speed, efficiency and performance benefits of modern engineered construction.

Conventional appearance. Engineered performance.

DELIVERING HEALTHCARE AT SCALE

Healthcare infrastructure delivered across Zambia







Birthing / Maternity Suite



Inpatient Wards



Clinical Spaces

111
Healthcare Facilities Delivered

10 of 10
Provinces Served

2331
New Hospital Beds

Rural & Remote
Communities Served

From construction delivery to operational healthcare environments.

OUTCOMES & IMPACT

Creating long-term healthcare and community value



ECONOMIC IMPACT

1200+
Construction Jobs Created

50+
Formal Tertiary Qualifications Supported

Multiple
Local Subcontractors Developed

The programme created employment opportunities across multiple regions while supporting skills transfer, on-the-job training and the development of sustainable local construction capacity.

COMMUNITY IMPACT

- ✓ Improved access to healthcare services
- ✓ Expanded maternal and primary healthcare capability
- ✓ Skills transfer through on-site training
- ✓ Long-term local enterprise participation
- ✓ Permanent social infrastructure supporting future generations

Beyond physical infrastructure delivery, the programme contributed to lasting community development and strengthened local participation.

Building infrastructure while strengthening communities.

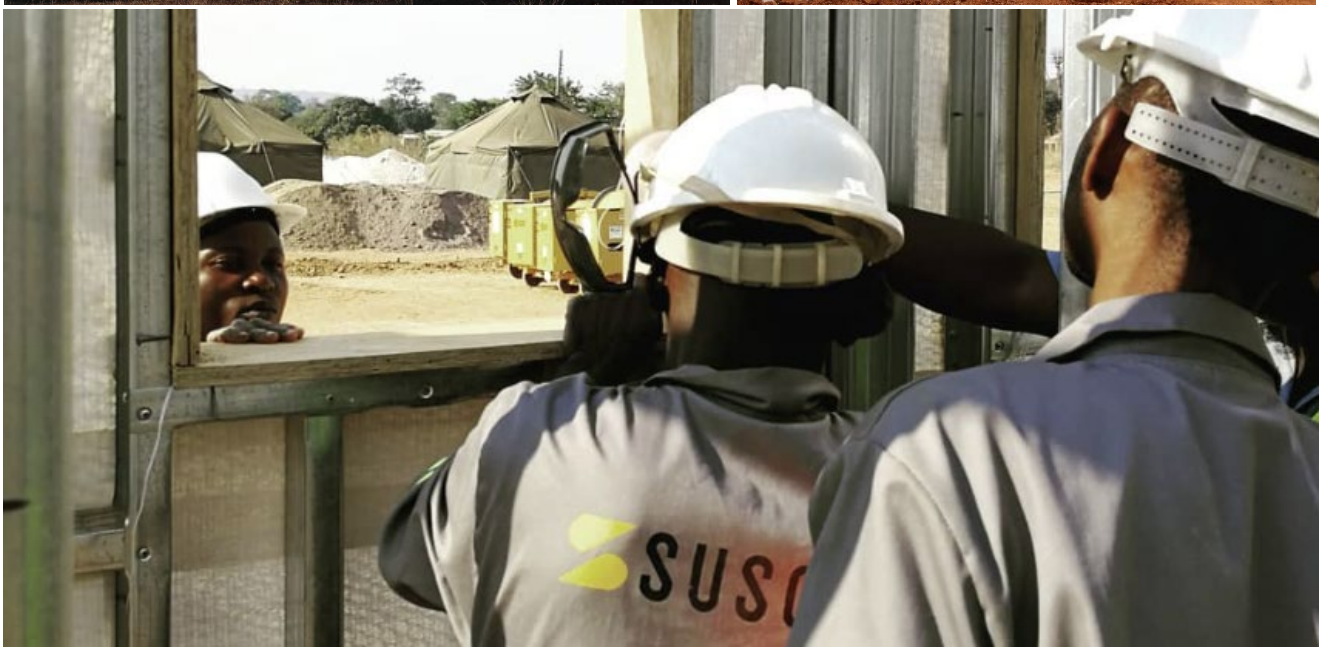
DELIVERY CAPABILITY

Integrated engineering and construction capability









INTEGRATED DELIVERY

Engineering, procurement, manufacturing, logistics and construction managed within a coordinated delivery framework.

PARALLEL EXECUTION

Design, manufacturing and construction activities progressed simultaneously to improve delivery efficiency.

STANDARDISED DESIGNS

Repeatable facility designs adapted to varying site conditions while maintaining quality and consistency.

REMOTE DEPLOYMENT

Purpose-built for efficient delivery across remote and geographically dispersed locations.

Integrated capability supporting infrastructure delivery at national scale.



SUSCON Construction Solutions Limited
Engineering. Procurement. Construction.

Unit 1 Bronco Business Park, Lusaka, Zambia
Delivering across Sub-Saharan Africa

T: +260 96 292 2820
E: info@susconsolutions.com

W: www.susconsolutions.com