KAI
CONSULTING
ENGINEERS &
PROJECT MANAGEMENT

COMPANY PROFILE

KAI Consulting Engineers & Project Management

www.kaiconsult.co.za







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01 / INTRODUCTION

Who we are...

Kai is an electrical consulting firm specializing in a range of professional services covering areas of management, planning, design, and maintenance management of all electrical infrastructure.

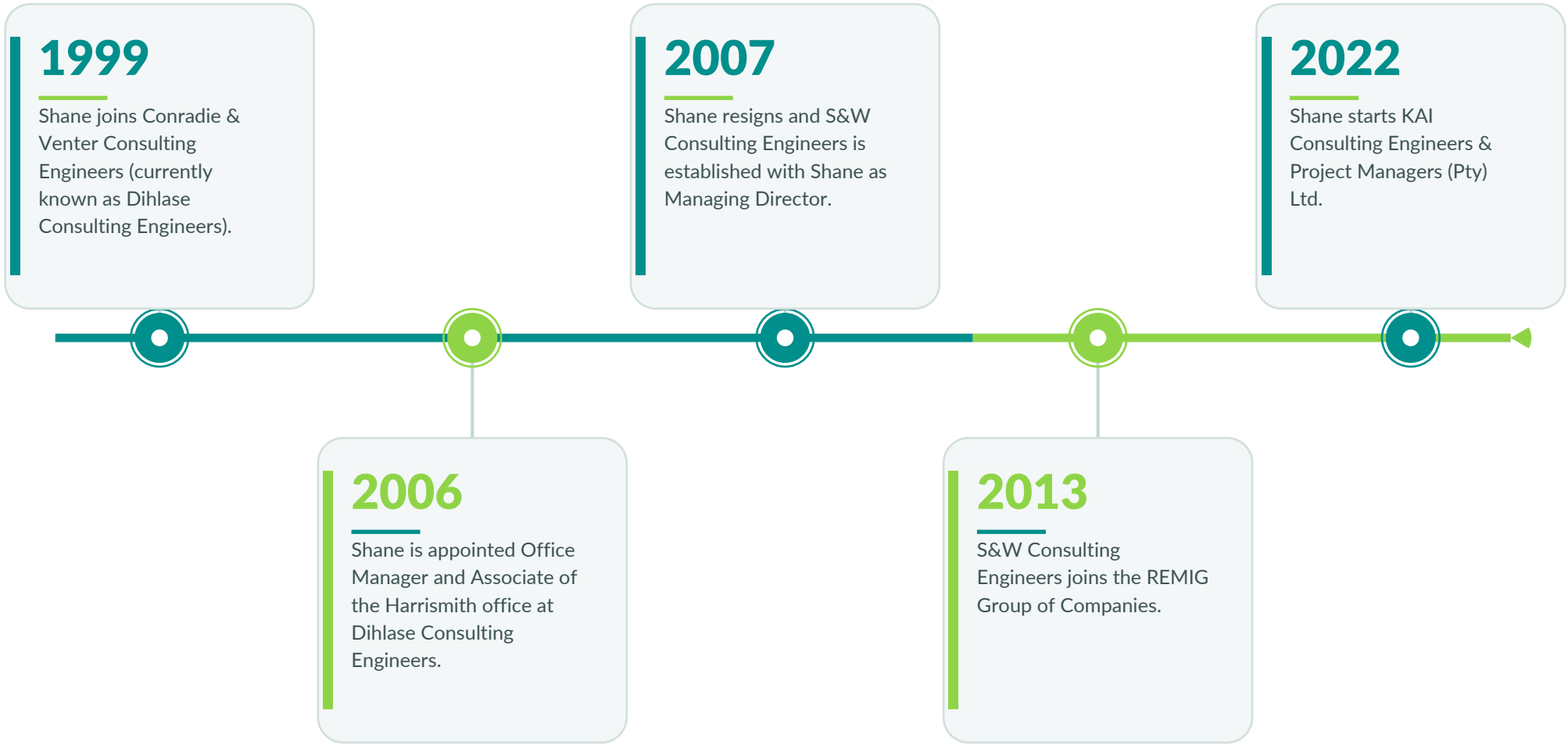
By being innovative and applying the latest technology and knowledge in the electrical industry we assure excellent service delivery and growth.

We serve our clients with professionalism and integrity.



02 / MILESTONES

Our company timeline



03 / PUBLIC SECTOR

Some of our clients:

Municipalities:

- Mangaung Metro
- Phumelela Municipality
- Ngwathe Municipality
- Masilonyana Municipality
- Mafube Municipality
- Setsoto Municipality
- Mantsopa Municipality
- Metsimaholo Municipality
- Moqhaka Municipality
- Letsemene Municipality
- Mohokare Municipality
- Tswelopele Municipality
- Nketoana Municipality
- Nala Municipality
- Maluti-A-Phofung Municipality
- Dihlabeng Municipality

National Departments:

- Department of Health
- Department of Education

Provincial Department of Public Works & Infrastructure:

- Free State
- KwaZulu Natal
- Eastern Cape
- Limpopo
- Gauteng Infrastructure Development

03 / CLIENT RELATIONSHIPS

Some of our clients:



04 / CONSULTING & ELECTRONIC SERVICES

What we offer...

Consulting:

Kai Consulting provides a range of professional services covering areas of management, planning, design, and maintenance management of electrical and electronic infrastructure. Services offered will be reviewed on an ongoing basis in order to ensure that client needs are met.

Electronic Services :

- Power electronics
- Telemetry and telecontrol
- Measurement and control systems
- Computer systems
- Instrumentation, process control and automation

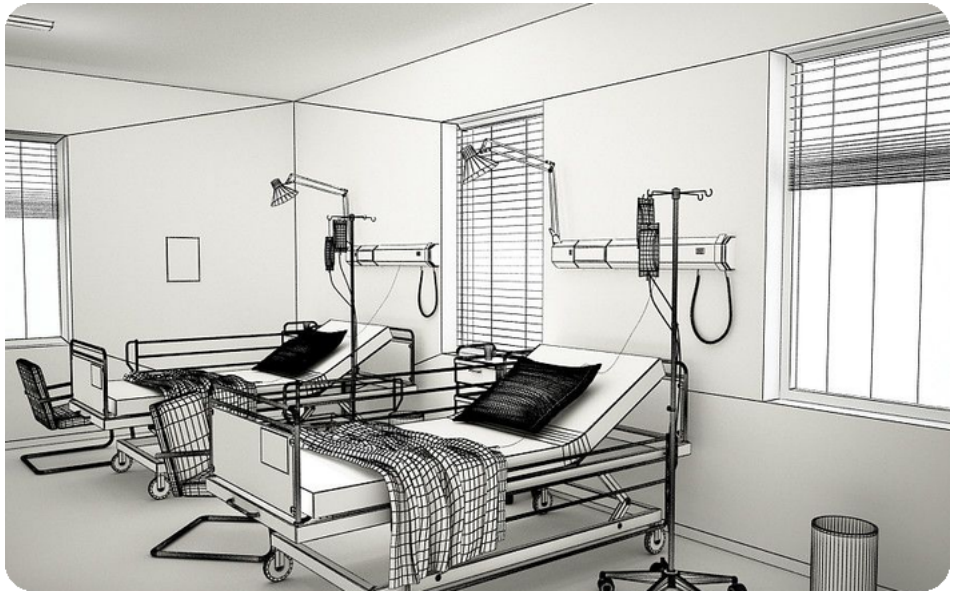


04 / HOSPITAL SERVICES

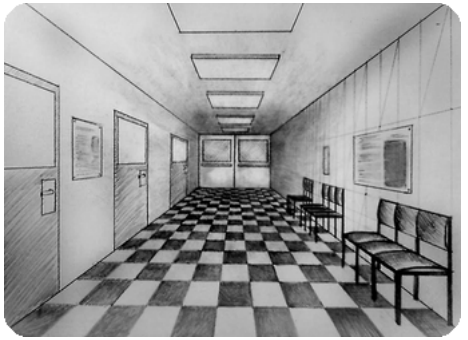
What we offer...

Hospital Services:

- General electrical designs
- Lighting layouts
- Power point layouts
- Cable infrastructure layouts (400V & 11/22/33kV)
- Load control systems
- Bed Head trunking systems
- Masterplanning
- Nurse Call systems







04 / BUILDING SERVICES & ELECTRICAL INFRA

What we offer...

General Building Services:

- Electrical reticulation and lighting systems
- Alarm and C.C.T.V. systems
- Security installations
- Lightning protection
- Building and energy control systems
- Emergency power installations
- Telephone and Intercommunication systems
- P.A. Systems

Electrical Infra:

- Motor control and switchgear design for pumping stations and water purification plants
- Factory Installations



04 / ELECTRIFICATION & RENEWABLE ENERGY

What we offer...

Electrification:

- Project Management
- High voltage and low voltage reticulation
- Street and area lighting
- House connections
- Household wiring systems

Renewable Energy:

- PV Solar Systems
- Battery Energy Storage Systems (BESS)
- Hybrid Systems



05 / POWER & INFRASTRUCTURE

Projects

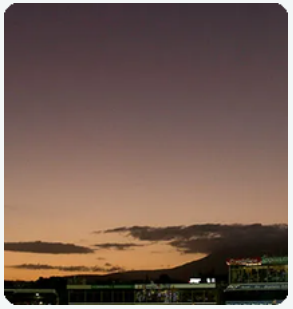
Substations

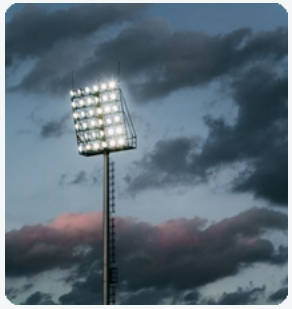




Stadium lighting







Diesel generators



05 / ELECTRICAL & SOLAR

Projects

MV Infra





PV Solar - Ground





PV Solar - Roof





05 / BUILDINGS & INSTITUTIONS

Projects

Educational





Public Works





Tertiary Institutions





05 / HEALTHCARE

Projects

Healthcare








06 / FOUNDING & MANAGING DIRECTOR

Leadership



SHANE WESSELS

Founding & Managing Director

24 years experience in the Electrical Electronic engineering fraternity

Professional registration

ECSA - Professional Technologist: Pr.Tech.Eng [200670181]

SACPCMP - Professional Construction Project Manager: Pr.CPM [D/2659/2019]

Educational qualifications

B.Tech E/E - H/C [2003]

Professional affiliations

Clinical Engineering Association of South Africa [CEASA] : Member - #CE1023
South African Federation for Hospital Engineering [SAFHE] : Member - #C0051
South African Institute for Electrical Engineers [SAIEE] : Member - #9722

07 / GET IN TOUCH

Contact us...

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