



KRONOS

SOLUTIONS GROUP

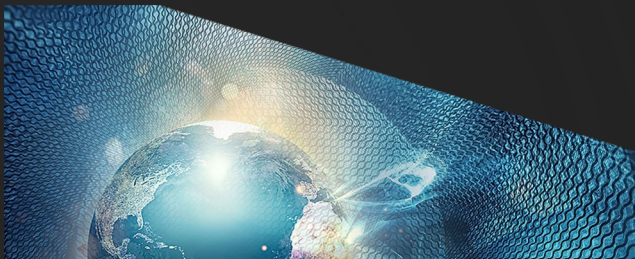
COMPANY
PROFILE

2024



TABLE OF CONTENT

<u>CONTENT</u>	<u>DESCRIPTION</u>	<u>PAGE NO.</u>
01	INTRODUCTION	03
02	OUR HISTORY	04
03	ABOUT KRONOS	05 - 07
04	LET'S WORK TOGETHER	08
05	INFORMATION TECHNOLOGY & COMMUNICATIONS	09
06	ELECTRICAL ENGINEERING A. Recognition B. Electrical and energy services C. Our vision	10 11 - 13 14 15
07	PROFESSIONAL CONSULTING SERVICES	19
08	INFRASTRUCTURE DEVELOPMENT & MAINTAINANCE A. Roads and bridges B. Tunnels C. Airports D. Pipelines & ports and harbours E. Water F. Horticultural services & Agritech	20 - 29 21 22 23 - 24 25 26 - 27 28 - 29



INTRODUCING

KRONOS SOLUTIONS GROUP

Kronos Solutions Group is a dynamic, expanding company committed to surpassing industry benchmarks and delivering unparalleled craftsmanship. With extensive expertise across various sectors in South Africa, Africa, and globally, Kronos Solutions Group and its partners possess the capability to execute projects spanning commercial, industrial, and residential domains.

Our team at Kronos Solutions Group crafts bespoke solutions across the entire multi-sector value chain, from concept to completion. We consistently surpass expectations, ensuring excellence at every phase of the project lifecycle.

RESPECT

Respect is the foundation on which our culture is built and serves as the starting point for how we engage with our clients and business partners.

We respect the time, investments, and requirements of all those with whom we interact at every stage of the project journey

AMBITION

At Kronos Solutions Group, growth and ambition are key pillars of our tradition. We thrive on passion and determination to succeed. We live and breathe entrepreneurship, and our ambition is matched only by our commitment to maintaining excellence in everything we do.


INTEGRITY

Our integrity is our capital: Kronos Solutions Group was founded on the belief that integrity is essential across all sectors of trade. With multiple stakeholders and pressures in any project, transparency, honesty, and reliability in quality, cost, and timelines are crucial. We uphold these values in everything we do. We live by this ideal



OUR HISTORY

Kronos Solutions began its journey in Gauteng, South Africa in 2014, driven by Director Mr. Nathaniel Chesane's vision and determination. Despite limited resources, Mr. Chesane tackled various projects as a subcontractor, propelled by an unyielding drive to excel and transform South Africa's economic landscape.



Seeing vast opportunities to deliver exceptional and genuine results, Kronos Solutions Group was born with a mission to set new industry standards. Our unwavering commitment to excellence has fueled our rapid growth and cemented our reputation as a formidable force in the various sectors of the economy.

Now, with a dynamic new brand aesthetic and a revitalized digital strategy, Kronos Solutions Group is ready to project its vibrant and thriving identity. Our bold mission is to become South Africa's most reliable and trusted multi-sector company.



AN INTEGRATED PARTNER

Kronos Solutions Group is unique in its ability to serve the entire multi-sector value chain from start to finish. As an integrated partner, we possess a deep understanding of the economics and nuances of various industries, enabling us to add significant value at every stage of the process.

FEASIBILITY AND COST ANALYSIS

Understanding the project's viability with clear terms and accurate metrics is crucial before starting any initiative. Kronos Solutions Group conducts thorough due diligence and evaluates project yields to determine profitability through detailed cost-benefit analysis.

INDUSTRY AFFILIATIONS

Kronos Solutions Group is committed to setting and achieving the highest standards across a diverse range of industries. By actively engaging with industry affiliations, we integrate best practices and remain at the forefront of the latest standards. Our pursuit of various memberships not only enhances our business practices but also ensures we consistently align with the highest levels of professional and commercial conduct. This commitment to excellence drives our continuous improvement and positions us as a leader in industry innovation.



DESIGN

Kronos Solutions Group engages from the pre-development phase of a project, managing necessary paperwork and applications. Our foresight in project planning allows us to anticipate challenges and opportunities, ensuring a smooth and efficient process throughout.



IMPLEMENTATION

We offer comprehensive implementation services, ensuring high-quality projects are completed within agreed timelines. Our core values emphasize reliability and trustworthiness.



EARLY CLIENT INVOLVEMENT.

We provide complete, ready-to-use solutions, ensuring projects are delivered within the agreed timelines. Delivering project goals reliably and trustworthily is central to our business values.



SAFETY FIRST

Kronos Solutions Group takes an industry-leading approach to all safety matters. We treat safety as non-negotiable, consistently operating to the highest standards and maintaining a strong internal company ethos. In various industries where operational safety concerns and incidents often dominate the headlines, we are proud of our best-in-class approaches to maintaining a zero-incident work site. Our recently instituted ZERO HARM policy sets the tempo for the Group's aspiration for incident-free operations. Our operational health and safety approach aligns with international ISO standards, and we continually strive to upgrade our policies as operations evolve and new best-in-class approaches emerge.

KRONOS SOLUTIONS GROUP IN THE COMMUNITY

Kronos Solutions Group is extremely cognizant of its responsibility towards the environment. Whether businesses are honest enough to admit it or not, their impact on the environment far outweighs that of everyday clients. Through the scale and nature of their operations, businesses in all industries have a significant environmental impact that can either contribute to or help mitigate climate change and the general health of our environment. Our Group sees itself as firmly in the latter category. Kronos Solutions Group adopts a range of practices that aim to reduce our environmental footprint, from choosing energy-efficient machinery, reducing waste

across all our operations, and limiting the use of company vehicles, to offsetting our carbon footprint by working with environmental NGOs. Most importantly, we are careful about the partners we choose to work with across the multi-sector value chain, selecting suppliers and subcontractors who share our commitment to sustainability. We are a Green Economy company.





LET'S WORK TOGETHER

Kronos Solutions Group has an ambitious strategic plan and a mandate to offer the highest quality in every segment it operates in. We are constantly seeking to develop new partnerships, expand networks, and work with new stakeholders throughout the multi-industry value chain.

We understand the importance of reliability and trustworthiness and have made it our mandate to embody these values in all aspects of our operations.

When partnering with Kronos Solutions Group, partners can expect:

- Insightful project estimates that include clear expectations, costs, and delivery timelines.
- deep understanding of the project and its sector.
- A high level of professional ethics, standards, and business practices.
- Trustworthy, reliable, and skilled employees dedicated to delivering quality work.

We have invested considerable time in implementing policies and processes that ensure a level of quality and cost-effectiveness that many competitors simply cannot match. Our team possesses an intimate understanding of various stages of the development process and can tailor business partnerships according to this deep knowledge and well-honed expertise.

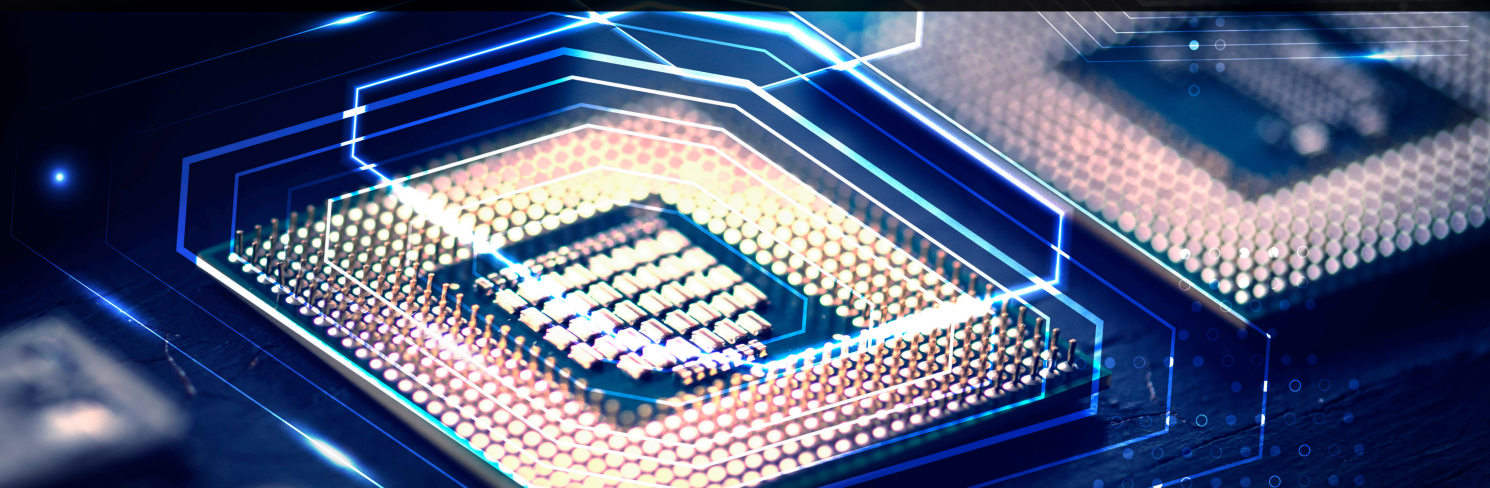
Kronos Solutions Group, recognized as one of South Africa's premier emerging company, consistently delivers top-tier solutions tailored to a diverse clientele.

INFORMATION TECHNOLOGY & COMMUNICATIONS

Kronos Solutions Group leads in delivering advanced IT and communications solutions, playing a pivotal role in connecting cities and communities. We are dedicated to bridging the digital divide by bringing cutting-edge technology to rural areas, thereby fostering development and integration.

Our comprehensive services cater to a diverse range of sectors, including:

- Education: Enhancing digital learning environments with innovative tools and infrastructure.
- Healthcare: Improving patient care and administrative efficiency through advanced IT systems.
- Public Services: Supporting government and municipal operations with reliable communication networks.
- Business Enterprises: Enabling seamless connectivity and data management for businesses of all sizes



MAIN OBJECTIVES

- ✓ We aim to bridge the digital divide by bringing cutting-edge technology to rural areas, fostering development and integration.
- ✓ We support diverse sectors by enhancing digital learning environments in education, improving patient care and administrative efficiency in healthcare, supporting government and municipal operations in public services, and enabling seamless connectivity and data management for business enterprises.
- ✓ We enhance access to information and communication services by focusing on projects that support social and economic growth.
- ✓ We ensure quality and reliability by adhering to the highest standards in all projects, providing reliable and sustainable outcomes for all stakeholders.



ELECTRICAL ENGINEERING

Kronos Solutions Group has been providing electrical maintenance and installations for over a decade. Since its inception, Kronos Solutions Group is becoming a leader in the electrical industry. Our teams of qualified engineers and electricians ensure that every job, no matter the size or complexity, is carried out in a safe and professional manner.

Kronos Solutions Group offers a comprehensive suite of maintenance and installation services to the various sectors, including:

- Installation of electrical power and lighting systems
- Smoke alarms, RCDs & switchboards
- 24/7 Emergency breakdown service
- Electrical maintenance and new installations
- Electrical asset maintenance
- Design of electrical systems
- Underground electrical supply
- Electrical compliance, testing, and certification

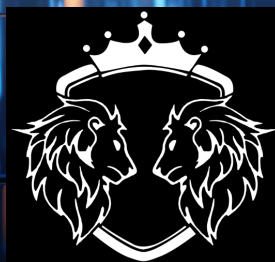


RECOGNITION

Kronos Solutions Group, recognized as one of South Africa's premier emerging companies, delivers top-quality services. We serve National, Provincial and Local governments, private clients and major companies in various sectors.

Since our inception in 2014, we have established a solid reputation for successfully delivering solutions to businesses across South Africa. Our team of qualified professionals ensures that every job, regardless of size or complexity, is completed safely and professionally.

Our skilled engineers and technicians are capable of resolving even the most complex issues. We have earned a strong reputation in various sectors of the economy, with a steadfast commitment to client satisfaction.



KRONOS SOLUTIONS GROUP



Kronos Solutions Group offers commercial clients programmed maintenance schedules, eliminating the guesswork from budgeting, scheduling, and completing routine electrical system maintenance. Our emergency response technicians are available 24/7, 365 days a year.

Our suite of maintenance and installation services includes:

- Electrical design and construction
- Switchboard and metering alterations
- Standby generators
- Uninterrupted power supply (UPS)
- Energy management systems and power audits
- Light and power installation
- 24/7 maintenance and servicing

Recognized as one of South Africa's leading emerging electrical contractors, Kronos Solutions Group delivers high-quality construction and maintenance outcomes for heavy industrial projects in the mining, transportation, and power generation sectors.

The DNA and backbone of Kronos Solutions Group was established in the heavy industrial, utility, and power generation sectors. Our technical expertise and years of experience in this complex infrastructure space enables us to provide innovative solutions for a broad range of clients. From design and construction to commissioning and maintenance support, we can provide.

Kronos Solutions Group's suite of maintenance and installation services includes:

- Electrical and instrumentation works
- Installation of switchgear and control systems
- Underground cabling
- Installation of switch rooms and MCCs
- Conveyors and materials handling systems
- Assembly of modular units and skids
- Lightning protection
- Surge/overvoltage protection

We also offer maintenance, modifications, and operational support services, including:

- Sustaining capital projects
- Asset remediation works
- Shutdown planning and execution
- Pre-commissioning, commissioning, and completions
- Telecommunications and fiber optics



Electrical And Energy Services:

- ① STRUCTURED CABLING
 - Cat 6, 6A & 7 copper
- ① FIBRE OPTIC NETWORKS
 - Outside Plant (OSP) construction, certification and commissioning
 - Fibre optic splicing
 - Single mode and multimode installation
- ① DESIGN AND CONSTRUCTION
 - Design, procurement and installation of fibre optic and structured cabling networks
 - Design, procurement and installation of routed and switched networks
 - Design, procurement and installation of server and storage hardware
- ① DATA CENTRE CONSTRUCTION
 - Data cabinet, server cabinet and secure cabinet installations
- ① COMMUNICATION SOLUTIONS
 - Mobile tower cable installations
 - Coax cable grounding
 - Transient overvoltage protection
 - Wireless LAN installation and commissioning
- ① TESTING SERVICES
 - Fibre optic connector scope test and certification
 - Polarisation mode dispersion (PSD) measurement
 - Return loss and insertion loss measurement
 - OTDR test and certification-long haul OSP



OUR VISION IN LINE FOR ELECTRICAL ENGINEERING

our vision is to enlighten communities and businesses across South Africa with smart, simple, and clean energy-saving solutions, one customer at a time.

An interesting fact that we are well acknowledged to is that sun transmits more energy to the Earth's surface in a single hour than the entire world consumes in a year. With South Africa blessed with abundant sunshine year-round, solar energy is a natural choice for sustainable power.

We understand the unique benefits of living in South Africa and the vital role the sun plays in preserving our way of life. Whether helping homeowners realize the cost savings and environmental benefits of solar power, partnering with local businesses to enhance energy efficiency, or making a positive impact in our communities, we are passionately dedicated to preserving the environment and culture in which we all live, work, and play. Kronos Solutions Group is wholly committed to delivering customized clean energy solutions to every South African.

As one of the providers of small to mid-scale solar photovoltaic (PV) systems throughout South Africa, we offer a comprehensive range of solar PV solutions.

Our expert team provides:


- | | |
|------------------------|------------------------------------|
| ▪ Engineering & Design | ▪ Operations and Maintenance |
| ▪ Procurement | ▪ Project Feasibility Analysis |
| ▪ Construction | ▪ Energy Performance Analysis |
| ▪ Commissioning | ▪ Long-Term Performance Guarantees |



SAFETY

Safety underpins everything we do at Kronos Solutions Electrical Group. Our Zero Harm philosophy is woven into the fabric of our business DNA and is embraced by the entire Kronos Solutions Electrical Group family. This commitment ensures that our workforce remains focused on delivering projects safely and incident-free every day.

Kronos Solutions Group brings over a century of project execution and management experience. Our in-house Estimating and Project Controls teams possess the expertise to deliver major projects on time and within budget. Our flexible delivery model includes early contractor involvement (ECI) during the initial design phase, progressing through to construction, testing, commissioning, and final handover.



Kronos Solutions Group's project design & construct experience encompasses:

- Large scale commercial developments
- New Build & Fit-outs
- Education facilities
- Universities & Colleges
- Service Stations
- Agriculture
- Large scale Workshops
- Civil Infrastructure
- Street Lighting

While we can plan for most situations in life, there are times when the unexpected strikes. Kronos Solutions Electrical Group stands ready with a robust 24/7 service model. Whether an unplanned electrical issue arises at home, in the office, or at a larger domestic premises, this is where we come in. We are here to swiftly resolve the situation—no matter the day, time, or complexity.

Our team of highly skilled and reliable technicians is equipped to handle a wide range of emergency situations. They will arrive on time, diagnose the problem with precision, and efficiently rectify the issue, ensuring your premises are left just as tidy as when they arrived. Our cutting-edge online management system tracks our service levels throughout the job order life cycle. Technicians receive work orders on state-of-the-art tablet devices, allowing for real-time tracking and storage of all relevant information, ensuring zero invoicing discrepancies upon job completion.

Kronos Solutions is committed to delivering excellence through our cost-effective preventative maintenance programs, designed to meet South African industry best practices and statutory requirements. Our proven maintenance capabilities not only reduce client costs and operational risks but also significantly enhance asset reliability and safety.





EXCELLENCE AND CLIENT SATISFACTION

With extensive experience operating across South Africa and in a variety of challenging environments, Kronos Solutions Group has built a solid reputation for reliable delivery. Our ability to consistently meet and exceed expectations is evidenced by our substantial portfolio of satisfied customers and clients. This track record of success underscores our commitment to excellence and our capability to handle complex projects with confidence and skill.

Kronos Solutions Group's suite of technical services consists of:

- Domestic/Commercial & Industrial campaign maintenance
- Electrical installation
- Electrical compliance testing & commissioning
- Asset remediation works

We service clients in the following sectors:

- Local Government Municipalities
- Property Developers
- Retail Shopping malls .
- Hospitals
- Sporting Venues
- Entertainment venues

A photograph of three business professionals in a meeting. A man with glasses and a beard is on the left, smiling. A man with a beard is in the center, also smiling and looking towards the right. A woman is partially visible on the right, looking towards the men. They are all dressed in business attire and appear to be engaged in a collaborative discussion.

PROFESSIONAL CONSULTING SERVICES

At Kronos Solutions Group, our professional consultation services are designed to provide expert guidance and innovative solutions. With over a decade of experience and a team of highly qualified professionals, we offer tailored consultations that address the unique requirements of each project.

Our consultants offer expert guidance for new constructions, system upgrades, and various complex challenges. We work with governments, private clients, developers, and corporations to provide strategic insights and actionable recommendations.

Our consultation services encompass a broad spectrum, including:

- Civil, Electrical and Mechanical Engineering
- Architecture Designs and Mining Engineering
- Information Technology and Communication
- Business Development, Finance and Investment

We pride ourselves on delivering:

- Clear, practical advice
- Solutions that help clients achieve their goals efficiently
- Cost-effective



INFRASTRUCTURE DEVELOPMENT & MAINTAINANCE

We are at the forefront of infrastructure development and maintenance, and are known for our innovative and practical solutions. We emphasize quality and efficiency, using advanced technologies and methodologies to deliver results that meet and exceed industry standards.

Kronos Solutions Group delivers engineering and infrastructure services encompassing design, development, construction, and operation & maintenance, with a special focus on transport-related projects.

Our Projects span from:

- Roads and bridges
- Tunnels
- Airports
- Pipelines
- Ports and Harbours
- Water
- Rail
- Power



WHAT WE OFFER

ROADS AND BRIDGES

Kronos Solutions and its affiliates have a strong track record in completing extensive road projects, establishing ourselves as a leading international contractor in Africa. We handle a diverse range of projects, from regional roads and bridges to major tollways, expressways, and urban bypasses.

Our comprehensive services include design, development, construction, and ongoing operation & maintenance, ensuring high-quality and durable infrastructure solutions.

Our Specific Areas Of Competency Are:

- TOLLWAYS
- HIGHWAYS
- LOCAL ROADS
- BRIDGES
- ACCESS AND HAUL ROADS
- TUNNELS
- RUNWAYS
- EMBANKMENTS



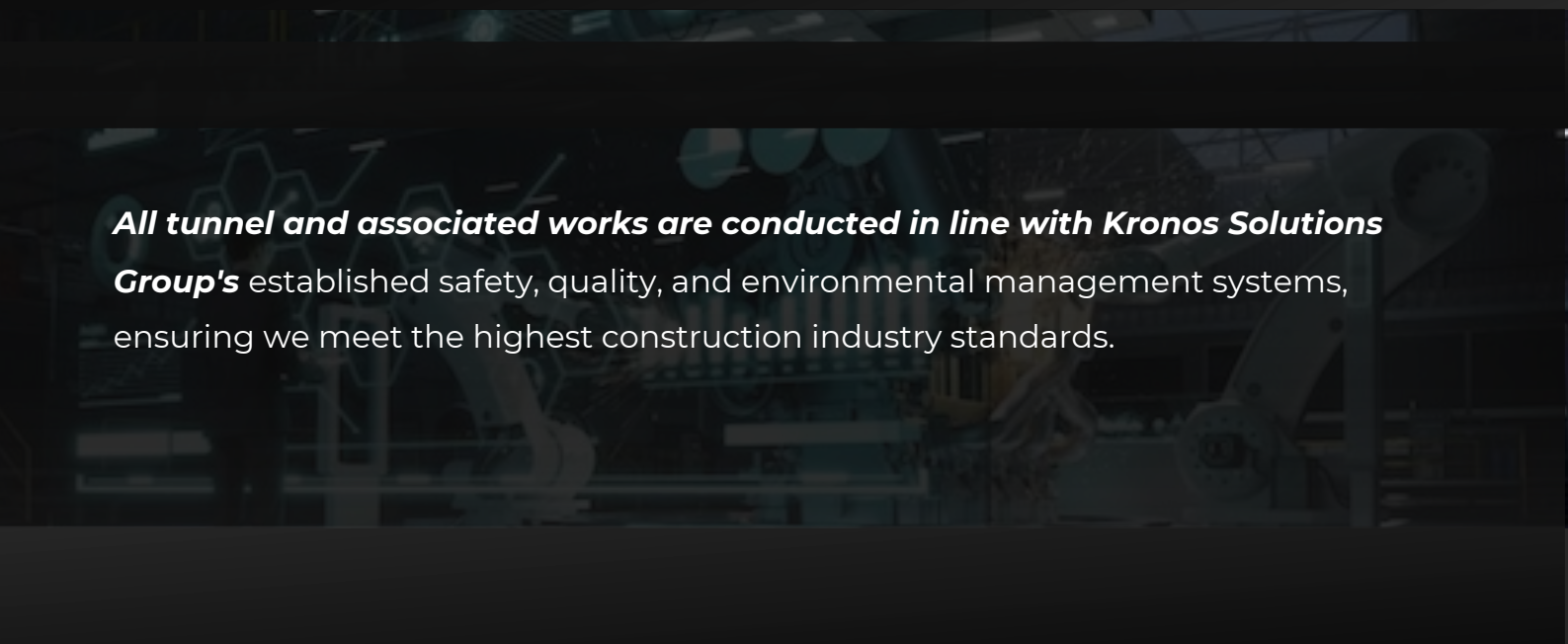
WHAT WE OFFER

TUNNELS

Kronos Solutions Group and its affiliates possess extensive tunneling experience in rail, road, and water projects across Africa.

Our tunneling expertise covers all major tunneling methods, including earth pressure balanced and slurry tunnel boring machines, road headers, and drill and blast techniques.

We also have significant experience with in-tunnel works such as pipelines and rail track installations, electrical and mechanical systems, cladding, and portal construction.



All tunnel and associated works are conducted in line with Kronos Solutions Group's established safety, quality, and environmental management systems, ensuring we meet the highest construction industry standards.



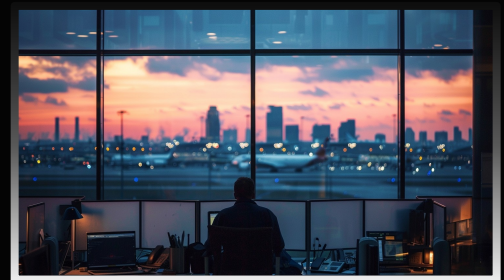
WHAT WE OFFER

AIRPORTS

Our expertise spans from the construction of major international terminals and runways to the development of regional and military airports. Recognized for our comprehensive design and construction capabilities, we are equipped to handle every aspect of airport infrastructure projects.

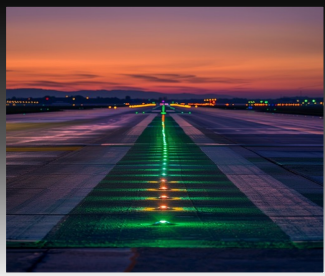
At Kronos, we focus on creating state-of-the-art facilities that not only meet current demands but are also equipped for future growth and technological advancements. Our dedication to quality and client satisfaction has solidified our position as a trusted partner in the airport construction and maintenance industry.

AIRPORTS



Our Specific Areas Of Competency Are:

- Main Passenger Terminal Buildings
- Runways, Taxiways And Aprons
- Hangars And Facilities
- Associated Infrastructure Including Transport
- Systems And Fuel Access And Haul Roads
- Storage





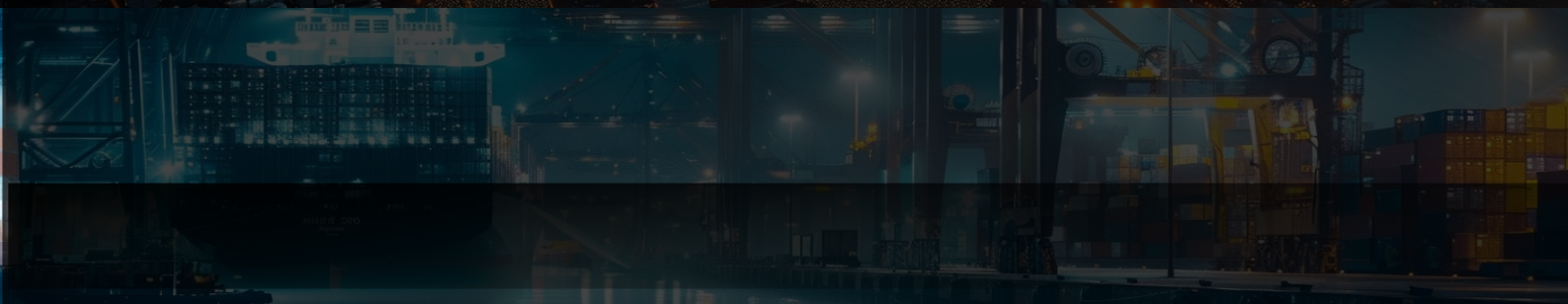
PIPELINES

With extensive expertise across Africa, we are recognized leaders in the design, construction, and installation of pipelines and related infrastructure. Kronos Solutions Group and its related companies excel in delivering comprehensive solutions for both onshore and offshore pipeline projects. Our capabilities enable the efficient distribution of a wide range of liquid materials, including water, wastewater, crude oil, LNG, LPG, and aviation fuel. We ensure the highest standards of quality and safety in every project, meeting the complex demands of the industries we serve.

PORTS & HARBOURS

We are focused on investing in advancing port and marine developments across Africa. We have successfully executed a wide range of projects, including port expansions, reclamation efforts, and harbour enhancements. Our extensive experience and proven capabilities ensure that each project meets the highest standards of quality and efficiency, supporting the critical infrastructure needed for vibrant maritime operations.

We focus on protecting marine ecosystems, identifying any potential impacts, and developing mitigation strategies prior to undertaking work.





WATER

Across Africa, there is a growing emphasis on the supply, processing, and storage of water resources.

We recognize the critical importance of efficient and reliable water infrastructure in supporting both communities and industries. Our company encompasses a wide range of projects designed to ensure the effective management, distribution, and treatment of water resources.

Our Water Infrastructure Services Include:

- **Water Supply Systems:** We design and implement networks to ensure reliable access to clean water for residential, commercial, and industrial use.
- **Sewage and Wastewater Management:** We develop advanced systems and facilities for effective sewage and wastewater treatment.
- **Storm water Management:** We create drainage systems to manage runoff and prevent flooding.
- **Water Treatment Facilities:** We install and maintain plants that purify and distribute safe drinking water.



We also Offer:

- Desalination
- Seawater Intake and Outfall Works
- Water and Wastewater Treatment
- Dams and Bulk Water Catchment
- Mega-Reservoirs and Storage
- Lift and Pumping Stations
- Water Recycling and Irrigation
- Aqueducts, Interceptor, and Trunk Sewers (Including Tunneling)
- Waste Treatment and Management
- Renewable Energy





HORTICULTURAL SERVICES & AGRITECH

At Kronos Solutions Group, we are committed to advancing the future of agriculture and horticulture through innovative services and cutting-edge technology. Our expertise spans a broad range of solutions designed to enhance plant cultivation and agricultural efficiency across various environments.



We are dedicated to combining traditional horticultural expertise with modern technological advancements to drive progress in the agricultural sector.



HORTICULTURAL SERVICES

We provide comprehensive support for the cultivation and management of plants, focusing on sustainable practices and optimizing growth conditions. Our services include advanced landscaping, greenhouse management, and integrated pest management, all tailored to meet the specific needs of each client.



AGRITECH SOLUTIONS

We integrate the latest technologies to revolutionize agricultural practices. From precision irrigation systems and smart sensors to automated farming equipment, our Agritech solutions enhance productivity and resource efficiency. By leveraging technology, we help farmers and horticulturists achieve greater yields and sustainability in their operations.

THANK YOU!

WE LOOK FORWARD TO DOING BUSINESS WITH YOU!

CONTACT US!



(+27) 76 545 9074



sibu@kronosgroup.africa | info@kronosgroup.africa



www.kronosgroup.africa



KRONOS
SOLUTIONS
GROUP