

DEVELOPING SUSTAINABLE INFRASTRUCTURE

EXECUTED
OVER **300** PROJECTS

THE COMPANY Overview

OUR STORY

1974

Eng. Abdu Kagga founded Kagga & Partners with core services in Water & Sanitation Infrastructure

1987

Won the Kampala Annual UN Habitat Day Exhibition for Invention of the Hand Fibre-Cement Tile Making Machine.

1989

Added Energy Infrastructure to its services through execution of Owen Falls Extension Hydro Power Project, Uganda

1990

Added Buildings to its services through Rehabilitation of Hospitals in Uganda.

1994

Ventured into Southern Africa through delivery of Maguga Dam in Kingdom of Eswatini

2003

Added Transportation infrastructure through delivery of Kikorongo-Katunguru Road, Uganda

2005

Built and moved into KAGGA House

2010

Added Oil & Gas Exploration Infrastructure to its services through delivery of civil engineering infrastructure to Tullow Oil

2013

Life Time Achievement Awards from Uganda Institute of Professional Engineers (UIPE) to Eng. Abdu Kagga (Founder) and Eng. Peter Magambo (Managing Director)

2015

Obtained ISO 9001: Quality Management System Certification.

2017

Ventured into contract management of Output based Performance Road Contracts (OPRC)

2022

Added Production Oil & Gas Infrastructure to services offered through Quality Supervision of Production Well Pads for KINGFISHER field and Enabling Infrastructure engineering services for TILenga Field

VISION

Highly Successful Professional Engineers setting a standard in quality and innovation.

MISSION

Leveraging our current strength and pursuing emerging opportunities in a professional manner.

SLOGAN

Developing Sustainable Infrastructure.



Countries we operate in:

Republic of Uganda

Republic of Rwanda

United Republic of Tanzania

Republic of Malawi

Kingdom of Eswatini

Republic of South Africa

Republic of Mozambique

Republic of South Sudan

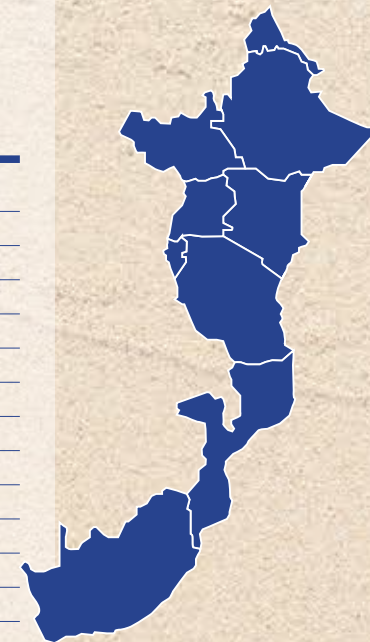
Republic of Ethiopia

Republic of Djibouti

Republic of Eritrea

Republic of Kenya

Somaliland



OUR
Footprint



Project Funders

KAGGA has worked with different funders to deliver infrastructure projects across Africa.

International Bank of Reconstruction and Development (World Bank/IDA)

African Development Bank (AfDB)

European Development Fund (EDF)

Islamic Development Bank (IDB)

Foreign, Commonwealth and Development Office (FCDO)

KfW Development Bank (KfW)

United Nations Children's Fund (UNICEF)

Danish International Development Agency (DANIDA)

Canadian International Development Agency (CIDA)

United States Agency for International Development (USAID)

Tullow Oil

China National Offshore Oil Cooperation (CNOOC)

Total Energies

Government of Uganda (GOU)

China Petroleum & Chemical Corporation (SINOPEC)

Trademark Africa

20 PROJECTS
FUNDED BY WB

30 PROJECTS
FUNDED BY AfDB

REPUBLIC OF UGANDA

- Kampala Capital City Authority (KCCA)
- National Water and Sewerage Corporation (NWSC)
- Uganda National Roads Authority (UNRA)
- Ministry of Energy and Mineral Development (MEMD)
- Ministry of Works and Transport (MOWE)
- Ministry of Water and Environment (MOWE)
- United Nations Children's Fund
- China Petroleum & Chemical Corporation (SINOPEC)
- CNOC
- Total Energies
- Hatch Consulting (HATCH)
- Pearl Engineering Company Limited (PEC)
- Ministry of Agriculture, Animal Industry and Fisheries (MAAIF)

EASTERN AFRICA

- Intergovernmental Authority on Development (IGAD)
- East African Community (EAC)
- TradeMark Africa (TMA)

SOUTHERN AFRICA

- Passenger Rail Agency Of South Africa (PRASA)
- Komati Basin Water Authority (Kobwa)
- Dr. J.S Moroka Local Municipality
- Republic De Mocambique Ministerio De Educao
- Rustenburg Local Municipality
- Madibeng
- Ngaka Modiri Molema District Municipality

Clients

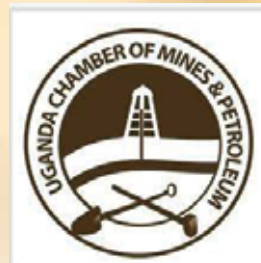


Key Partnerships Over the Years



1. Uganda Association of Consulting Engineers(UACE)
2. International Federation of Engineers (FIDIC under the GAMChapter)
3. Federation of Consultants from Islamic Countries (FCIC)
4. Uganda Chamber of Mines and Petroleum (UCMP)
5. Registered on National Supplier Database for Petroleum Authority of Uganda (PAU)
6. ISO Certification
7. Public Procurement and Disposal of Public Assets Authority

Professional Affiliations



**Our team comprises specialists
in various disciplines including:**

- Water Engineers
- Sanitation Engineers
- Highways Engineers
- Project Managers
- Dispute Resolution Experts
- Transport Economists
- Electrical Engineers
- Mechanical Engineers
- Materials Engineers
- Engineering Surveyors
- ESIA Experts
- Resettlement Action Plan (RAP) Experts
- Architects

OUR Staff

KAGGA has competent workforce that has consistently delivered sustainable engineering solutions to its Clients over the years. Where projects require significant human resources, KAGGA leverages its working relationships with experts in infrastructure space to mobilize formidable teams that execute assignments.

OVER **60+**
STRONG AND
MOTIVATED
STAFF

OUR Key Staff



**Eng. Abdu Kagga, CEng, REng, PrEng,
Chairman**

Eng. Abdu Kagga, the founder of the firm, obtained a BSc (Eng) from the University of London in 1967. He has worked in the UK, Kenya, Malawi, Swaziland, South Africa, South Sudan, Mozambique and Uganda. He specializes in Water & Sanitation and Programme & Project Management. He is responsible for Strategy.



**Eng. Peter J. Magambo, REng,
FUIPE, Managing Director**

Eng. Peter Magambo graduated from Makerere University in 1985 with a BSc in Civil Engineering. He joined the firm straight from university and has worked on different types and sizes of projects. He heads Water, Sanitation, Drainage and Project & Contract Management. He is highly experienced in contract management and administration, claims review and determination of quantum, dispute resolution, project costs control and administration. He has been involved in multimillion dollar projects of up to US\$ 450 million and dispute resolution of claims of up to US\$ 30 million. He has international experience working in Uganda, Tanzania, Burundi, Rwanda, South Africa, South Sudan, Eritrea, Djibouti and Ethiopia.



**Eng. Frederick Lwanga, REng,
Executive Director-Technical**

Eng. Lwanga is a Registered Professional Civil Engineer with 32 years of professional working experience. He holds a Master's degree in Project Management (Construction and Infrastructure) from the University of Liverpool and a Bachelor's Degree in Civil Engineering from Makerere University. He's highly experienced in design and supervision, geotechnical investigations, pavement evaluation, material testing, engineering materials laboratory management, transport planning, marine studies, HDMIV. He has international experience working in South Africa, Mozambique, Djibouti, Somaliland and South Sudan.



**Tutu Kagga,
Company Secretary, Executive Director-Operations/
Acting Head of Oil and Gas**

Tutu Ismael Kagga holds a Masters (MEng) in Civil Engineering from the University of Nottingham, UK and a Diploma in Industrial Experience at Scott Wilson Pavement Engineering, UK. He is a member of the Society of Petroleum Engineers (SPE), Uganda - Membership No. 4363781, a PRINCE 2: Project Management Practitioner (2013). He has worked at WSP Leeds UK, Tullow Oil in Uganda, prior to joining Kagga & Partners where he has worked on projects in Uganda, Djibouti, Ethiopia, South Africa, Kenya, Somaliland, Tanzania and Burundi.



**Eng. Allan Muhumuza,
Compliance Manager**

Allan is a Registered Engineer holding a B.Sc in Civil Engineering with 16 years' experience as a Civil Works supervision and Design Engineer with particular emphasis on construction of roads, building works and associated infrastructure. He has considerable experience in using the latest design software project management as well as experience in FIDIC form of Contract. He has more than 5 years' experience in measurement of works, preparation of claims, quantification of works, project financial reporting and control and project cost management. Allan is well versed with international design and construction standards including the Eurocodes, The American Association of State Highway and Transportation Officials (AASHTO), Chinese Construction Standards having supervised Design and Build Projects by Chinese contractors and the South African Standards.



**Eng. Joweria Nalubulwa,
Project Resource Manager**

Joweria is a Registered Engineer holding a B.Sc. in Civil Engineering with over 20 years' experience in design, project management, tender documentation and construction supervision of infrastructure projects including structures, roads, oil & gas, water supply and sanitation facilities and associated infrastructure works. She has been involved in the development and implementation of training plans and training of project and counterpart staff in construction methods, contract management and designs.



**Daniel Serwawudde,
Principal Engineer – Transport & Structures**

Daniel graduated in 1992 with a Master of Applied Science in Construction Management and Engineering from the University of Toronto Canada and B.Sc. In Civil Engineering (Hons) from Makerere University. He specializes in Structural Designs and has over 25 years' experience in project management, design (new construction and/ or rehabilitation), tender documentation, BoQs, construction and supervision of buildings, water supply and sanitation, roads and other engineering works.



**Eng. Godfrey Wakyabya,
Principle Engineer - Water & Sanitation**

Eng. Godfrey graduated from Makerere University with a BSc in Civil Engineering in 2001. He has over 20 years' experience and his specialty is design of water supply and sewerage systems as well as geometric and pavement design of roads. He also has good knowledge of design software like Land Development, AUTOCAD, Civil CAD etc. He has international experience working in South Africa, Mozambique, Djibouti and Hargeisa.



**Fatuma Nambogo,
Accounts Officer**

Fatuma has over 15 years experience in Accounting and Finance. She is in charge of implementing financial controls and guidelines of the company as well as ensuring compliance to the International Accounting Standards and tax codes.



**Kenneth Segane,
Administration & Human Resource Manager**

Kenneth holds a Masters of Business Administration from the Eastern and Southern Management Institute (ESAMI) in Arusha Tanzania and a Bachelor's Degree in Information Technology. He is a member of the Institute of Corporate Governance of Uganda. With over 10 years experience 5 of which spent managing the company's ICT Portfolio and currently in charge of Administration, Human Resource and Personnel Development. Kenneth is responsible for Innovations as well as implementation of the Company's HR Policies and it's Strategic Human Resource Development Program.



The Premier Building Society trophy for the best exhibitor at the Kampala Annual UN Habitat day 1987. Award for the Invention of the Hand Fibre-cement tile making machine.

Our involvement in the feasibility studies, designs and construction supervision of the biggest construction ever in Uganda, 200MW of the Owen Falls Extension Hydro-Power Project 1989-2007.

Our involvement in the design review and construction supervision of one of the largest road projects in Uganda so far, the Kabale - Bunagana - Kisoro Road Project 2007-2010.

Team Member for the Southern Africa's highest Clay-core rock fill dam, the 115m high Maguga Dam which won the Fulton Award by Coverete Society of South Africa in the use of concrete.

Recognised for special expertise and competence and awarded projects on sole -sourcing basis by the World Bank, DFID and CIDA.

Our construction and donation of Administrative offices for the Mulago Kiwovu Local Council 1.

Our chairman being one of the founding members of the Uganda Association of Consulting Engineers (UACE). Together with two other directors served as past Presidents of UACE.

Uganda Institute of Professional Engineers (UIPE) Lifetime Achievement Awards to MD and Chairman.



ENGINEERING &
CONSTRUCTION

Services

Water Supply



Transportation



Oil & Gas



Energy



Urban- Rural Development



Sanitation



OUR Expertise

- Master Plans
- Pre-feasibility Studies
- Social Economic Studies
- Cross Boarder Studies
- Engineering Surveys & Investigations
- Preliminary Engineering Designs
- Detailed Engineering Design
- Value Engineering
- Tender Assistance
- Construction Supervision
- Contract Management
- Testing & Commission
- Environmental Impact Assessments (ESIA)
- Resettlement Action Plan (RAP)

Water Supply

WATER IS LIFE

50 PROJECTS
DELIVERED

50,000m³ OF FRESH WATER
TO COMMUNITIES

1000Km OF WATER TRANSMISSION
PIPE NETWORK

400Km OF WATER DISTRIBUTION
PIPE NETWORK

50,000m³ OF WATER
RESERVOIRS

Dokolo Water supply
256m³ Water Tank

Over 40 years of experience in delivery of water supply infrastructure in varying climate conditions is a value proposition that we offer to our clients. Our services include infrastructure design, asset management, flood mitigation, sustainable water management and water strategies.

At KAGGA, water is seen as a source of life. It's delivery from its natural environment to urban and rural communities in a sustainable manner is something of utmost importance to us. The consistency of our delivery is owed to the professionalism of our Water Engineers, Hydrologists and Project Managers who work tirelessly in tandem with our clients to deliver durable end products whilst prioritising environment consideration.

Due to the exponential population expansion and climate hazards, the design and implementation of water delivery projects is getting increasingly complex overtime. With this insight, KAGGA is in a position to assist clients secure future water supply to target communities and advise water supply agencies on adaption to changes in the need and provision of water and as such bringing about versatility in water supply infrastructure asset management.

Over the years, we have come to appreciate the water needs of all stakeholders taking into consideration the diverse cultural settings we operate in. This appreciation has resulted in delivery of balanced engineering solutions while providing value to the ultimate end users of the water infrastructure.

- Water Intake Works
- Pumping Stations
- Transmission pipe network
- Water Treatment Plants
- Storage Reservoirs
- Distribution pipe network

Project	Client	Country
Gravity Flow Schemes and Production Well in Kisoro District	Ministry of Water and Environment	Uganda
Mukono-Seeta Water Supply System	National Water & Sewerage Corporation (NWSC)	Uganda
Bor Town Water Supply System	UNICEF	South Sudan
Bistya Water Supply System	Ministry of Water and Environment	Uganda
Matsyone and Sheema Water Supply System	Ministry of Water and Environment	Uganda
Bukedea Gravity Flow Scheme	Ministry of Water and Environment	Uganda
Ibuje RGC and Dekolo Town Water Supply System	Ministry of Water and Environment	Uganda
Ogili Gravity Flow Scheme	Ministry of Water and Environment	Uganda
Gravity Flow Schemes in Mbale, Sironko and Kapchorwa Districts	Ministry of Water and Environment	Uganda
Water Treatment Plant and Intake Works in Kapeeka Town	National Water & Sewerage Corporation (NWSC)	Uganda

Sanitation

- Ventilated Improved Pit (VIP) Latrines
- Faecal Sludge Management
- Solid Waste Management
- Wastewater Management
- Landfills

Masindi Waste Stabilization Ponds

03 LANDFILL FACILITIES
02 FAECAL SLUDGE MANAGEMENT FACILITIES
10+ SEWERAGE SYSTEMS
50+ VENTILATE IMPROVED PIT (VIP) LATRINES

Project	Client	Country
Landfill Sites at Ubungoni and Mammethake	Dr. JS. Moroka Local Municipality	South Africa
Faecal Sludge Management Facilities in Nakaseongola and Kiboga District	Ministry of Water and Environment	Uganda
Integrated Sanitation systems in the Towns of Dokolo, Pakha and Kitgum	Ministry of Water and Environment	Uganda
Provision of Alternative Approaches and Tools for Improved Water & Sanitation Facilities in Northern Uganda	National Water & Sewerage Corporation	Uganda
Ventilated improved Pit Latrine (VIP) at Matshiding, Mpumalanga and Nkhaneng	Dr. JS. Moroka Local Municipality	South Africa
Kampala Solid Waste Disposal Facility	Kampala City Council	Uganda
Low Cost Borehole Sewer Technology/Biogas Production Option in Kyotera and Bugembe Towns	Ministry of Water and Environment	Uganda
Sewerage System for China-Uganda Liashen Industrial Park	Ministry of Water and Environment	Uganda

KAGGA views itself as a one-stop centre for sanitation infrastructure engineering solutions for communities in developing countries and thrives to provide long-term resilient sanitation solutions whilst meeting industry environmental regulations. We partner with our clients to deliver engineering solutions that foster sustainable communities.

VENTILATED IMPROVED PIT (VIP) LATRINES

At a household level in emergent countries, the ventilated improved pit (VIP) latrine is the most important, affordable and appropriate on-site sanitation technology for use in urban and rural settings. KAGGA has extensive experience in the design and implementation supervision of VIP latrines for urban and rural communities in sub-Saharan Africa. KAGGA explores emptiable, alternating, lined or raised VIP latrine design options to meet clients requirements and those of the communities for which the VIPs serve.

FAECAL SLUDGE MANAGEMENT

KAGGA adopts an integrated and participatory approach to providing faecal sludge management solutions to its clients, ensuring that it assesses and understands the sanitation practices of the communities requiring faecal sludge management. Sanitation practices vary from one community to another and as such KAGGA undertakes thorough assessments and stakeholder engagements to ensure that solutions are tailored to meet actual needs. The technology adopted by KAGGA to meet client needs ensure that the actual faecal sludge quantities and characteristics are treated and that effluents and end products such as dry sludge, humified sludge, biomass, biogas, compost and building materials achieve acceptable levels of treatment that minimize risks to public and environmental health prior to re-use or safe disposal.

SOLID WASTE MANAGEMENT

Through a detailed analysis of horizontal and vertical flow of solid waste materials and application of national and international best practices, The KAGGA team delivers innovative and cost-effective solutions to meet clients solid waste management needs. The company's vast experience informs its capability to accurately estimate capital and operation & maintenance costs to provide clients with the ability to make informed decisions and to balance trade-offs regarding design and operational alternatives.

WASTEWATER MANAGEMENT

KAGGA adopts a tier approach in integrated wastewater management follows through prevention principles, resource recovery and end-of pipe pollution control. The end-of-pipe wastewater treatment option is designed based on the result of a comprehensive water footprint audit, assessment and categorization of wastes and wastewater generated by our clients facilities. These facilities include but not limited to institutional buildings, industrial parks and mixed developments. KAGGA envisages that facilities adopt eco-innovative integrated water management strategies to enhance Resource Efficiency and Pollution Prevention (RECP) at source, reuse and recycling within facilities. Wastewater can be used as an alternative secondary water source for development and a resource for recreation, production and wealth creation and not a waste.

Converting waste water or sludge to energy is explored by the KAGGA team as a mechanism to adaptation and resilience to climate change. This helps to maximize resource efficiency (especially material, water and energy), productivity, improve profitability and reduce the pollution load in waste water and the volume of wastewater generated/discharged by facilities with multiple recurring benefits to both the regulator and private sector.



Prolonged droughts and heavy floods due to climate change have led to the need for storage of volumes of water for production. Water for production is the development and utilization of water resources for productive use in crop irrigation, livestock and aquaculture for improvement of people's livelihoods in rural communities. The development manifests itself in terms of irrigation schemes, earth dams, valley tanks and bulk water transfer schemes to which KAGGA has vast experience in provision of innovative, sustainable and cost-effective engineering solutions for rural communities in the developing Africa.

25 VALLEY TANKS

24 IRRIGATION SCHEMES

150+ RAIN WATER HARVESTING PONDS

01 IRRIGATION DAM



Water For Production

- Irrigation
- Valley Tanks

Project	Client	Country
Valley Tanks at Parish Level in Luwero, Nakasongola and Masindi Districts	Ministry of Water and Environment	Uganda
Mangua Irrigation Dam	Komati Basin Water Authority	Eswatini
Small Irrigation Schemes in Nakasongola, Luwero, Masindi and Kiryandongo	Ministry of Water and Environment	Uganda
Bulk water supply for multi-purpose uses in Kikakasi-Sanga-Kanyaryeru in Kihikara District	Ministry of Water and Environment	Uganda
Agoro Irrigation Scheme in Lamwo District	Ministry of Water and Environment	Uganda
Rainwater Harvesting Ponds for Climate Resilient Community Access Roads in Project Districts in Northern Uganda - Batch B and Batch C	Ministry of Local Government	Uganda

Energy - Hydro-Power

Hydropower is a clean energy that drives economic growth of nations. Leveraging our experience as one of the only indigenous engineering firms to have undertaken design and implementation supervision of the 150MW Owen Falls Dam Extension in Jinja Uganda, KAGGA has gone on to provide hydropower engineering solutions to clients. The expertise at KAGGA includes fields of engineering such as civil, hydrology, hydraulic, mechanical and resettlement action plans. Whether you need independent technical advice or a project partner, our comprehensive in-house expertise can be of great value to addressing your clean energy needs.

- Hydropower Generation
- Switch Yards
- Sub-Stations
- HV and MV Transmission Lines

Nalubaale Dam
Extension, Uganda.

In Association with Acres of Canada, we carried out Pre-Feasibility & Feasibility study, preliminary & detailed designs, tender documentation and construction supervision.

The works involved excavation and lining of 1400m canal, construction of power house and intake, construction of spillway, wingwalls, highway bridge, installation of steelwork, cranes and gate guides, diversion of highway, pipes for water and sewerage and telephone cables, relocation of Police Station, primary school, construction of permanent staff housing and construction of 12km of approach & estate roads.

Client: Uganda Electricity Board.
Funded by: IDA
Completion Date: 2002

150MW HYDRO POWER
600+ KM OF LV AND MV TRANSMISSION LINES
400 Project Affected Persons compensated and resettled

PROJECT	CLIENT	COUNTRY
150MW Extension of Owen Falls Dam	Uganda Electricity Board	Uganda
45MW Muzi Hydropower Project	Uganda Electricity Generation Company	Uganda
193 MW Isimba Hydropower Plant and Associated Transmission Lines and Substations	Ministry of Energy and Mineral Development	Uganda
6.5MW Maziba Hydropower Project	Ministry of Energy and Mineral Development	Uganda

Nalubaale Dam

Transportation

3,000 KM OF
PAVED ROADS
13,000 KM OF
GRAVEL

3,000 KM OF
PAVED ROADS
13,000 KM OF
UNPAVED ROADS

Roads are the primary transportation conduit for the movement of goods, services and people within the communities we live and work. With over 15 years of experience, KAGGA applies national and international best practices in sustainable development to deliver road infrastructure that meets clients' needs through the provision of road infrastructure engineering solutions ranging from planning, design and implementation in varying regulatory environments and alternative project delivery methods.

- Community Access Roads
- Urban Roads
- Highways
- Expressways

KABALE KISORO ROAD, UGANDA

Project	Client	Country
Kampala - Entebbe Expressway	Uganda National Roads Authority (UNRA)	Uganda
Hargeisa By-Pass Road (Route 200)	Trademark East Africa	Somalia
Buhimba-Kakumire Road	Uganda National Roads Authority (UNRA)	Uganda
Tororo-Mbale-Soroti-Lira-Kamuli Corner Road	Uganda National Roads Authority (UNRA)	Uganda
Gulu-Kamuli Road	Uganda National Roads Authority (UNRA)	Uganda
Nyerere Road (A14) -Mbaraki Road (C1142) Road	Trademark East Africa	Kenya
Kampala Northern Bypass Capacity Improvement	Uganda National Roads Authority (UNRA)	Uganda
Kabale-Kisoro-Bunagana/Iyanika Road	Ministry of Works and Transport	Uganda
Ntungamo - Kakitumba Road	Uganda National Roads Authority (UNRA)	Uganda



Kabale-Kisoro Road Through Mountainous Terrain



Kampala-Entebbe Express Way - 1450m Nambigirwa Bridge, Uganda



Urban Roads, Ntinda Uganda



Kampala Expressway - Kajjansi Interchange, Uganda

Transportation

Utilising its 15 years of experience in rail, bridges, airstrips and landing jetties, At KAGGA we work with our clients to find the right engineering solution to their challenges through planning, engineering design and implementation in varying regulatory environments and alternative project delivery methods.

1,600 OF LONG SPAN BRIDGES

130M OF MEDIUM SPAN BRIDGES

400M OF SHORT SPAN BRIDGES

- Bridges
- Rail
- Airstrips
- Landing Jetties



Masika Airstrip Upgrade



KEE

Project	Client	Country
BRIDGES		
Nambirigwa Bridge on Kampala - Entebbe Expressway	Uganda National Roads Authority (UNRA)	Uganda
Strategic Bridges (Bukwali Bridge, Buradasa-Bugbuni Bridge, Kanyeyite Bridge, Kibira Bridge, Kyabahanga Bridge)	Ministry of Works & Transport	Uganda
HBP Bridge on Hargeisa By-Pass Road (Route 200)	Trademark East Africa	Somalia
Manyovu Bridge at Manyovu-Mugina One Stop Border Post (OSBP)	East African Community (EAC)	Tanzania
Road Bridge at Road One Stop Border Post (OSBP)	Inter-government Agency on Development (IGAD)	Ethiopia - South Sudan Border
RAIL		
Culvert Repairs on Jinja-Busembatia railway line	Rift Valley Railways (RVR)	Uganda
Replacement of ARMC0 along Jinja-Malaba railway line	Rift Valley Railways (RVR)	Uganda
Stormwater drainage system between Machel Street and Sautoville Railway Stations	Passenger Rail Agency of South Africa (PRASA)	South Africa
Railway line sput to Mukono Inland Container Depot	Uganda Railway Corporation (URC)	Uganda
AIRSTRIPS AND LANDING JETTIES		
Masika Airstrip Upgrade	CNOC Uganda Limited	Uganda
Bugoma Jetty Upgrade	CNOC Uganda Limited	Uganda



Mixed Developments

MANYOVU - MAGINA OSBP

KAGGA delivers integrated architectural, civil, mechanical, electrical, plumbing, and structural engineering design for maintainable, sustainable, and energy-efficient mixed development facilities such as institutional buildings, One Stop Border Posts (OSBPs), commercial & industrial buildings and Inland Container Depots (ICDs).

KAGGA ensures that the facilities delivered are of value to clients and their stakeholders through thorough engagements during the life cycle of the project at hand. In the recent past, we have come to appreciate the impact of epidemics such as Covid-19 on functionality of mixed developments and as such incorporated mitigation measures for resilient engineering solutions in the delivery of mixed developments



DHRH Jinja Nursing school

- Institutional Buildings
- Commercial & Industrial Buildings
- One Stop Border Posts (OSBPs)
- Inland Container Depots (ICDs)

OVER
100,000m² OF BUILT ENVIRONMENT

04 ONE STOP BORDER POSTS

01 INLAND CONTAINER DEPOT

Project	Client	Country
Mukono Inland Container Depot (ICD)	Ministry of Works & Transport	Uganda
Headquarters for Ministry of Gender, Child and Social Welfare	Ministry of Gender, Child and Social Welfare	South Sudan
Headquarters for South Sudan Audit Chamber (SSAC)	Ministry of Gender, Child and Social Welfare	South Sudan
Headquarters for Southern Sudan Anti-Corruption Commission (SSACC)	Ministry of Gender, Child and Social Welfare	South Sudan
Extension and expansion of the Coca-Cola Beverage Plant	Century Bottling Company Limited	Uganda
5 Lower Secondary Schools in Mocim, Metuge, Alto Molocue, Milange and Chilugue	Ministry of Education	Mozambique
Manyovu One Stop Border Post (OSBP)	East African Community (EAC)	Tanzania
Mugina One Stop Border Post (OSBP)	East African Community (EAC)	Burundi
Galafi Ethiopia One Stop Border Post (OSBP)	Inter-government Agency on Development (IGAD)	Ethiopia
Galafi Djibouti One Stop Border Post (OSBP)	Inter-government Agency on Development (IGAD)	Djibouti

Urban-Rural Development

SIIRA MARKET



Project	Client	Country
MARKETS		
Kabale Central Market	Ministry of Local Government	Uganda
Mpondwe-Uhuhiriro Border Market	Ministry of Local Government	Uganda
Kasese Central Market	Ministry of Local Government	Uganda
Mpanga Market In Fort Portal	Ministry of Local Government	Uganda
Improvement of 3 Kampala Urban Markets	Kampala City Council	Uganda
Improvement of 6 Urban Markets in Kampala	Ministry of Local Government	Uganda
AGRO-PROCESSING FACILITIES		
Soroti Agricultural Implements and Machinery Manufacturing Company (SAMMCO) Factory	Ministry of Agriculture	Uganda
Agro-processing facilities, Produce Stores and Cold Rooms in 26 Districts of Uganda	Ministry of Local Government	Uganda
All-weather Climate Resilient Community Access Roads for transportation of Agricultural produce and agro-farm inputs in Project Districts in Northern Uganda	Ministry of Local Government	Uganda
Seeds and Food Crop Rehabilitation	Ministry of Agriculture	Uganda
HEALTH FACILITIES		
Busega and Kisugu Level II Health Centres in Kampala City	Kampala City Council	Uganda
Health Centres in Kamuli and Kisoro Districts	Ministry of Health	Uganda
Rehabilitation of Government Hospitals and Health Centres	Ministry of Health	Uganda
Rehabilitation of health units in Northern Uganda	United States Agency for International Aid (USAID)	Uganda
Nutrition and Early Child Resource Centres in 24 Districts of Uganda	Ministry of Health	Uganda
Upgrading of Infrastructure and Equipment at Priority Government and NGO Health Training Schools	Ministry of Education and Sports	Uganda

- Markets
- Agro-processing facilities
- Healthcare facilities

KAGGA delivers integrated architectural, civil, mechanical, electrical, plumbing, and structural engineering design for maintainable, sustainable, and energy-efficient urban-rural developments such as markets, agro-processing facilities and health facilities.

13 MARKETS

10+ AGRO-PROCESSING FACILITIES

26 HEALTH FACILITIES

50 NUTRITION AND EARLY CHILD RESOURCE CENTRES



Urban Roads, Ntinda Uganda

Asset Management



Extension of the Coca-Cola Bottling Plant, Namanve

• Fixed Asset Registers

Project	Client	Country
Unbundling of Infrastructure Assets and updating of Fixed Asset Register (FAR)	Medibeng Local Municipality	South Africa
Data Collection on Unpaved National Road Network	Uganda National Roads Authority (UNRA)	Uganda
Condition Assessment of District Roads	Uganda National Roads Authority (UNRA)	Uganda
Socio-Economic Impact Evaluation for National Roads completed since 2002	Uganda National Roads Authority (UNRA)	Uganda
Road Master Plan for Matikong, Tshepo, Ditsobotla, Ratlou and Ramotshere Local Municipalities	Ngaka Modiri Molema District Municipality	South Africa

At KAGGA, infrastructure asset management is centered around extracting the best value from assets. This is achieved through condition assessments of assets, proposing and undertaking the most appropriate intervention at the right time and cost to deliver an acceptable level of service. The KAGGA team has years of experience and technical ability to deliver improved infrastructure asset performance through inventory condition assessments, GIS modelling, asset risk and vulnerability assessment and rehabilitation design.





Camp Facilities Under Construction



Bugoma Jetty in Kingfisher Area



Speed Boat Landing at Kingfisher Area



Masika Airstrip in Kingfisher Area

Oil & Gas Exploration

KAGGA delivers onshore enabling infrastructure for oil & gas exploration and appraisal campaigns in remote locations, working closely with our clients to find the right engineering solution to their challenges through thorough planning, optimization of engineering design and implementation in stringent regulatory environments.

- ▶ Well Pads
- ▶ Access Roads
- ▶ Drilling Camps
- ▶ Waste Management Facilities
- ▶ Materials Laydown Facilities
- ▶ Airstrips
- ▶ Landing Jetties

08 EXPLORATION WELL PADS

03 WASTE MANAGEMENT AREAS

01 DRILLING CAMP

05 CSR PROJECTS



Detour Over Wambabya River



Perimeter Drain Lining

Project	Client	Country
Production Well Pads and Access Roads for KINGFISHER Project	CNOOC Uganda Ltd	Uganda
Enabling Infrastructure Access Roads for TILENGA Project	Pearl Engineering Company	Uganda
Enabling Infrastructure Access Roads for TILENGA Project	Sinopec International Petroleum Service Co. (Uganda) Limited	Uganda
30 Replacement Houses in Bulisa District for TILENGA Project	Total Energies Uganda	Uganda

Oil & Gas Production

KAGGA supports the Oil & Gas exploration companies in the design and supervision of construction for the civil works in the Albertine region in western Uganda.

The design process includes field investigations and surveys, pavement designs subject to RIG specifications, Cellar designs and modifications to suit the purpose. Other considerations in the design and construction supervision include Environmental, Health and Safety policies.

03 ONSHORE PRODUCTION
WELL PADS

10 ACCESS ROADS

02 CONSTRUCTION
SUPPORT BASE (CSB)

02 HORIZONTAL DIRECTIONAL
DRILLING (HDD) PLATFORMS

30 REPLACEMENT
HOUSES

- Well Pads
- Access Roads
- Construction Support Bases (CSBs)
- Horizontal Directional Drilling (HDD) support infrastructure

As part of the strategy, KAGGA staff have undergone and had several training sessions in EHS to support the oil and gas production.

The related designs carried out to date include:-

- Well pad designs
- Oil field camp facilities
- Jetty to support the movement of equipment on Lake Albert.
- Airstrip
- Environmental Social Impact Assessment (ESIA) and settlement Action Plan (RAP)

Other related works include;

Route assessment, evaluation of the road pavement and evaluation of the structural integrity of bridges to carry the heavy load.

Oil exploration requires a well networked road for easy movement of equipment and staff.

Project	Client	Country
Ngege-H Well Pad and Access Road	Tullow Uganda Operations (Pty) Ltd	Uganda
Ngege-C Well Pad and Access Road	Tullow Uganda Operations (Pty) Ltd	Uganda
Nsoya H & I Well Pad and Access Road	Tullow Uganda Operations (Pty) Ltd	Uganda
Ngege-F Well Pad and Access Road	Tullow Uganda Operations (Pty) Ltd	Uganda
Waraga-G Well Pad and Access Road	Tullow Uganda Operations (Pty) Ltd	Uganda
Bullisa Camp Upgrade	Tullow Uganda Operations (Pty) Ltd	Uganda
Jobi-2 Well Pad	Total E&P Uganda BV	Uganda
Ngiri-2 Well Pad	Total E&P Uganda BV	Uganda
Maslika airstrip and Jetty for Barge and Floating Jetty for Speed Boat	CNOOC Uganda Ltd	Uganda

Project Management

-
- Construction Management
 - Contract management

The experienced staff at KAGGA take time to assess and understand client's priorities whilst appraising technical, environmental and health & safety issues surround projects we execute. Leveraging more than 40 years' experience in the infrastructure space to plan and implement projects efficiently taking into consideration quality, time, cost, environment and health & safety, KAGGA is conversant with project delivery using the following forms of contracts: the International Federation of Consulting Engineers (FIDIC), Uganda's Public Procurement and Disposal of Public Assets Authority (PPDA), New Engineering Contract (NEC), General Conditions of contract for Construction Works (GCC) and The Joint Building Contracts Committee (JBCC).

50+ DESIGN AND SUPERVISION
CONSULTANT ROLES

07+ OWNER'S ENGINEER ROLES

02+ MAIN EPC SUB-CONTRACTOR
FOR ENGINEERING SERVICES



Alternative Dispute Resolution

-
- ▶ Claims Review
 - ▶ Mediation
 - ▶ Adjudication
 - ▶ Arbitration

KAGGA provides alternative dispute resolution services ranging from claims reviews, mediation, adjudication and arbitration, ensuring consistent collaboration with clients to determine the best resolution process that allows for privacy, flexibility and speed. Experts at KAGGA have extensive experience in the delivery of infrastructure projects and as such are responsive, efficient and detail oriented to arrive at equitable resolutions for all parties.

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