



Sage Energy Resources Limited



**CORPORATE
PROFILE**

Company Profile

Most great companies start with humble beginnings, SAGE ENERGY RESOURCES Nig. Ltd. is no exception.

Overview

SAGE ENERGY RESOURCES Nigeria Limited is a wholly Nigeria-owned Company established in 2010; with the head office located at 59A, Udeco Medical road, Chevy view Estate, Off Chevron drive, Lekki, Lagos.

The main focus of the company

The company was formally incorporated under the laws of the Federal Republic of Nigeria Companies and Allied Matters Act in 2010 (RC:870705) to carry out the business of general contracts, sales and supplies of general goods, manufacturers' representatives, sales agents, building contractors, importation of building materials, installation and maintenance of industrial facilities, R&D services, etc., and over the years, it has evolved into a company capable of handling large contracts.

Infrastructure Protection and Environmental Technologies for the food & beverage, chemical, petrochemical, pharmaceutical, power, steel, healthcare, water & wastewater, sporting, recreation, transportation, advertising, telecommunication, architectural, construction, renewable energy, agricultural, marine, and oil & gas industries with an uncompromised commitment to Quality, Health, Safety, and Environment.

Our partnership in the areas of Technical Support, Engineering & Maintenance Service Agreements with Original Equipment Manufacturers (OEM) allows for speedy implementation of service contracts. We also have agreements with foreign and local Joint Venture (JV) and Mutual Beneficial Partners in the supply and delivery of products and services in which we are exclusive agents with interest in large EPIC contracts.

Vision & Mission

Our vision is to be Africa's leading service provider, always striving to deliver superior innovative, Infrastructure Protection and Environmental Technologies with excellence. Our track record has proven that regardless of all challenges, we deliver the work to the highest quality standards on time and on budget.

Our mission is to aim at being a successful global service contractor and technology partner, consistently and reliably providing competitive and sustainable solutions for

our client's needs. This will be accomplished by leveraging our extensive understanding of highly engineered polymer composites, infrastructure protection systems, and environmental technologies

Values and Philosophy



We have a long history of doing whatever it takes to get a job done right, often accomplishing what other contractors said was impossible. This often starts with an in-depth understanding of our client's goal, then the innovative performance that builds trust.

These are the values that form part of the SAGE ENERGY RESOURCES common foundation of our corporate culture. The values permeate our organization, our services, and our way of delivery.

Strength & Capabilities

Some of our strengths and capabilities are listed below:

- Healthy business relationships with our customers, suppliers, and partners
- Committed to maintaining quality and strict adherence to project schedules
- Expertise in all relevant fields of polymer composites, infrastructure protection systems and environmental technologies.
- Dedicated to continual improvement through research and development and continuous training
- Partnership in the areas of Technical Support, Engineering & Maintenance Service Agreement with Original Equipment Manufacturers (OEM) allows for speedy implementation of service contracts
- Joint Venture (JV) and Mutual Beneficial Partners in the supply and delivery of composite products and services in which we are exclusive agents.

Quality, Health, Safety and Environment (QHSE)

Our commitment to Quality, Health, Safety and Environment (QHSE) governs everything that we do, at all times, from our top management level transferred to down the line for implementation.

At SAGE ENERGY RESOURCES Nig Ltd, we do not want to harm people or the environment. Our principles, vision and commitment to quality, health, safety and environment is set down in our QHSE policy. This policy guides our day-to-day operations and actions and serves as an important benchmark for evaluating and ever-improving our performance.

Integrated Management System (IMS)

The Integrated Management System (IMS) is our core tool for managing and continuously improving our performance. It helps us achieve our QHSE objectives and targets. Our excellence in QHSE is proven time and again in the work we do and certified according to different international standards and a range of other requirements.

We constantly perform risk management techniques to identify the dangers employees can encounter in the workplace. Preventing these problems is highly beneficial and results have shown that a safe and hygienic environment has led to higher productivity.

Corporate Social Responsibility

Corporate social responsibility is an integral and very important part of the SAGE ENERGY RESOURCE approach to business. It is ingrained within the very fabric of the company's business ethics and seeks to provide support to both the people and communities in which we serve. We will continuously seek to build trust and credibility and provide opportunities for communal learning and innovation.



General Contracting

SAGE ENERGY RESOURCES as General Contractor has made great strides with numerous building and industrial projects within the Nigeria market.

SAGE ENERGY RESOURCE was initially set up to carry out the business of general contracts, sales and supplies of general goods, manufacturers' representatives, sales agents, building contractors, importation of building materials, installation and maintenance of telecom equipment, etc., and over the years, it has evolved into a company capable of handling the larger contracts.

Today, SAGE ENERGY RESOURCE is a leading general contracting company with many years of experience in diverse areas of construction having Special Grades for all kinds of water engineering projects, building projects, road projects, oil and gas projects, telecom projects contracting



Food & Beverage

SAGE ENERGY RESOURCE has been involved in the Food & Beverage industry over the years helping to provide innovative corrosion protective treatment systems that have been installed in some of Nigeria's biggest food and beverage companies. Our partnership with these companies has been built with trust, mutual cooperation, and continuous improvement. Over the years these customer partners have come to depend on SAGE ENERGY RESOURCE to provide industry-leading solutions to protect their investments and for the safe handling of our foods and beverages.

We continue to innovate and service this industry with our range of composite solutions, infrastructure protective systems, and environmental treatment systems and services.

Our service and systems offering within the Food & Beverage industry sector include the following:

Composite Solutions

Tanks & Vessels (Panel-Type SMC Water Tanks. Pressure Tanks & Vessels, Acid Storage Tanks, Chemical Storage Tanks, Silos; Custom Tanks & Vessels in Thermoplastics, Dual-laminates);

Pipes & Fittings (Acid/chemical Resistant Dual-laminate Piping Systems; -Insulated Pipes, Pipe Ducting Systems, Pipe Fittings, Manholes, Joints, Elbows, Flanges, Tees)

Chemical Process & Environmental Control Equipment (Chemical Vessels, Chemical Reactors; Scrubbing Towers; Fume Ducts & Chambers; Blowers & Extractors; Exhaust Collection Systems; Ducting Systems; Cooling Towers)

Gratings & Pultruded Products (Moulded Grating, Pultruded Gratings, Pultruded Profiles; Flat Chequered Plates; Ladder & Cage Systems; Handrails; Walkways & Platforms; Cable Trays)

Protection Covers & Enclosures (Manhole Covers & Chambers; Motor Housing & Covers; Roofing Sheets & Panels; Wall Cladding/Floor Panels; Prefabricated Buildings)



Infrastructure Protection

- **Corrosion Protection** (FRP Lining Systems; Epoxy-Based Anti-Corrosions; Polyurethane Anti-Corrosion Systems; Polyurea Spray Anti-Corrosion Systems, Chemical Polymer Concretes; Corrosion Protective Paintings; Corrosion Prevention & Repair; Primary Containment Systems; Secondary Containments Systems; Effluents Collection & Sewer Systems).

- **Flooring Solutions** (Epoxy Flooring, Polyurethane Flooring; MMA Flooring; Vinyl Ester Protective Flooring; Heavy Duty Industrial Flooring; Anti-Microbial Flooring, Secondary Containment Flooring, Slip Resistant Flooring, Fast Turn Around Flooring, Surface Repair Flooring, Waterproofing Floors; Chemical Resistant Floors; Moisture Mitigating Floors, Countertops);
- **Waterproofing Solutions** (FRP Waterproofing Lining; Polyurethane Waterproofing, Spray Polyurea Waterproofing; Polyaspartic Waterproofing Coating; Elastomeric Acrylic Waterproofing; Polymer Modified Cement Waterproofing; Cementitious Crystalline Waterproofing, Modified Bitumen Waterproofing Membranes, Thermoplastic Waterproofing Membranes, Base Treatment Waterproofing Materials; Self-Adhesive Waterproofing Membrane, Basement Waterproofing/Damp Proofing; Swimming Pool Waterproofing; Flat Roof Waterproofing; Concrete Waterproofing Admixtures)
- **Specialised Protective Coatings** (Fire Prevention & Intumescent Coatings, Thermal Insulation Coatings; High Temperature Resistant Coatings; Heat Reflective Coatings; Electrical Insulation Coatings; Structural Safety Coatings; Colour Coding & Signs Coatings, Non-Slip Coatings, Healthier Environment & Food Grade Coatings; Anti-Fungal Waterproofing Coating);
- **Cladding/Roofing Solutions** (Synthetic Resin Roof Tiles, PVC/UPVC/AUPVC Corrugated Sheets; FRP/GRP Roofing Sheets & Panels; FRP/GRP Purlins; FRP/GRP Domes & Skylights, Curved Roofing Sheets; Clay/Cool Roof Solutions; Industrial Roof & Cladding Solutions; Insulated Panels, Pre-Engineered Buildings);
- **Infrastructure Repair & Rehabilitation** (Concrete Repair; Epoxy Repair Mortar; Cementitious Repair Mortar; Moisture Barrier Systems, Protective Coatings, Epoxy Grout Injections Systems, Buildings Rehabilitation)

Environmental Technologies

- **Air Pollution Control Systems** (Particulate Venturi & Spray Tower Systems; Odour Control Systems, VOC Control Systems, Acid Exhaust Scrubber Systems; Sulphuric Acid Gas Recovery & Treatment; Caustic Exhaust Treatment; Hydrogen Sulphide, Ammonia, Chlorine & other Gas Treatment Systems; Oil Mist Control Systems; Opacity Control Systems).
- **Thermal Waste Treatment** (Direct Fired Oxidizers, Recuperative Thermal Oxidizers, Mixed Waste Incineration Systems);
- **Water & Wastewater Solutions** (Package & Permanent Potable Water & Sewage Treatment Plants; Membrane Treatment & Water Reclamation

Systems; Industrial Wastewater Treatment, Water Distribution & Metering Systems; O&M Services);

- **Waste & Recycling Systems** (Waste Sorting Systems; Waste Processing Systems, Waste Mobile Picking Stations; Waste Recycling Systems, Waste Separator, Conveyors & Shredders, Waste-to-Energy Systems);
- **Renewable Energy Solutions** (Biomass, Solar Thermal, Solar Photovoltaic; Renewable Energy Storage; Installation & Management);
- **Geosynthetic Solutions** (Geotextiles; Geogrids, Geomembrane Liners; etc);



Chemical & Petrochemical

SAGE ENERGY RESOURCE has extensive know-how in the Chemical & Petrochemical Based Processing Industries, leveraging off the wide depth of experience in project delivery from related industrial sectors over many years.

We have our technology and products applied in many different processes in these industries – detergent & soap processing, bleach processing, fertilizer processing, steel processing, mining, pulp & paper, textiles industries, petrochemicals, refineries, etc. Our FRP products (tanks, vessels, pipes, gratings, decking, cable trays, manhole covers, lining, etc) are highly demanded by specifications in these chemical-based processing plants because of its non-corrosive characteristics and durability, and long-life cycles. Similarly, our corrosion-resistant pipes and tanks are ideal for handling and transporting chemicals such as hydrochloric acid.

Our service and systems offering for this sector include the following:

Composite Solutions

Tanks & Vessels (Underground Storage Tanks; Above-ground Storage Tanks; Acid Storage Tanks, Dosing Tanks, Chemical Storage Tanks, Petroleum Product Storage Tanks, Transport Tanks, Large Diameter Farm Tanks; Custom Tanks & Vessels in Thermoplastics, Dual-laminates, & Chemical Storage & Handling Systems);

Pipes & Fittings (Medium & High-Pressure Pipes, Acid/chemical Resistant Dual-laminate Piping systems; Large Diameter Pipes, Pre-Insulated Pipes, Pipe Ducting Systems, Pipe Fittings, Manholes, Joints, Elbows, Flanges, Tees)

FRP/GRP Chemical Process & Environmental Control Equipment (Chemical Vessels & Reactors; Scrubbing Towers; Industrial Filters; Pickling Tanks; Fume Ducts/Chambers; Blowers & Extractors; Exhaust Collectors; Ducts; Cooling Towers)

Gratings & Pultruded Products (Moulded Grating, Pultruded Gratings, Pultruded Profiles; Flat Chequered Plates; Ladder & Cage Systems; Handrails & Fencing; Walkways & Platforms; Light & Utility Poles; Cable Trays & Cross Arms)

Protection Covers & Enclosures (Manhole Covers & Chambers; Motor Housing & Covers; Boxes & Containers; Wind Proofs/Dust Sheds; Roofing Sheets & Panels; Wall Cladding/Floor Panels; Prefabricated Buildings)





Environmental Technologies

- **Air Pollution Control Systems** (Particulate Venturi & Spray Tower Systems; Odour Control Systems, VOC Control Systems, Acid Exhaust Scrubber Systems; Sulphuric Acid Gas Recovery & Treatment; Caustic Exhaust Treatment; Hydrogen Sulphide, Ammonia, Chlorine & other Gas Treatment Systems; Oil Mist Control Systems; Opacity Control Systems).
- **Thermal Waste Treatment** (Direct Fired Oxidizers, Mixed Waste Gas and/or Waste Liquid Incineration Systems; VOC Thermal Oxidizer Systems; Elevated Flare, Ground Flare, Low Flare Systems; Heat & Energy Recovery Systems);
- **Water & Wastewater Solutions** (Oil-water Separation Systems; Membrane Treatment & Water Reclamation Systems; Industrial Wastewater Treatment, Water Distribution & Metering Systems; Operation & Maintenance Services);
- **Waste & Recycling Systems** (Waste Sorting Systems; Waste Processing Systems, Waste Mobile Picking Stations; Waste Recycling Systems, Waste Separator, Conveyors & Shredders, Waste-to-Energy Systems);
- **Renewable Energy Solutions** (Solar Thermal, Solar Photovoltaic; Renewable Energy Storage; Installation & Management);
- **Geosynthetic Solutions** (Geotextiles; Geogrids, Geomembrane Liners; Coastal Protection, Dewatering, etc);

Oil & Gas, Marine

SAGE ENERGY has now entered the Nigerian Oil & Gas Sector, leveraging the wide depth of experience in project delivery from related marine and offshore sectors over many years. Within the oil and gas industry, corrosion resistance, safety, and maintenance requirements are critical considerations. And, for nearly five years, SAGE ENERGY RESOURCE has met the challenges of the harsh environmental conditions found in the oil and gas and marine industry with its wide selection of products and protective coating services.

We have a full spectrum of Fiber Reinforced Polymer (FRP) products and services that are suitable for oil and gas and marine including tanks, pipes, structural gratings & platforms, and more. Features such as corrosion resistance, flame retardance, nonconductive, high strength-to-weight ratio, and low maintenance make our products ideal for all types of oil and gas and marine facilities.

Our service and systems offering for this sector include the following:



Composite Solutions

Tanks & Vessels (Underground Double Wall Oil Water Separator, Underground Storage Tanks; Above-ground Storage Tanks; Horizontal Tanks, Fire Fighting Sectional Water Tanks, Chemical Storage Tanks, Petroleum Product Storage Tanks, Transport Tanks, Large Diameter Farm Tanks; Custom Tanks & Vessels in Thermoplastics, Dual-laminates and FRP);

Pipes & Fittings (Medium Pressure Pipes, High-Pressure Pipes, Acid/chemical Resistant Dual-laminate Piping systems; Large Diameter Pipes, Pre-Insulated Pipes, Pipe Ducting Systems, Pipe Fittings, Manholes, Joints, Elbows, Flanges, Tees)

FRP/GRP Chemical Process & Environmental Control Equipment (Chemical Vessels, Chemical Reactors; Scrubbing Towers; Industrial Filters; Dosing Tanks; Above Ground/Underground Oil Water Separator Class 1 Full Retention; Fume Ducts & Chambers; Blowers/Extractors; Exhaust Collection System; Ducting Systems; Degasser, Open Mixer Tank, Cooling Towers)



Power & Steel

SAGE ENERGY RESOURCE has been very active in the Nigerian Power Generation, HVAC, Electric Utility, and Steel sector, leveraging off the wide depth of experience in project delivery from related industrial sectors over many years.

Our experience with composite FRP cooling tower engineering and design offers the best value option for the power industry, whether it is one of our pre-engineered cooling towers or a custom-designed solution. We offer solutions for counterflow towers, crossflow towers, natural-draft towers, and ethanol towers. Similarly, we offer a wide range of custom components including, fan stacks, louvers, fan decking,

water distribution systems, and fill and drift eliminators. Leverage our strengths such as single source design-build capabilities of new cooling tower construction or reconstruction, thermal upgrade, emergency repair, custom components, and replacement parts

Our service and systems offering for this sector include the following:

Composite Solutions

Pipes & Fittings (Medium & High-Pressure Pipes; Pre-Insulated Pipes, Pipe Ducting Systems, Pipe Fittings, Manholes, Joints, Elbows, Flanges, Tees);

Chemical Process & Environmental Control Equipment

Infrastructure Protection

- **Corrosion Protection** (FRP Lining Systems; Epoxy-Based Anti-Corrosions; Polyurethane Anti-Corrosion Systems; Polyurea Spray Anti-Corrosion Systems, Chemical Polymer Concretes; Corrosion Protective Paintings; Corrosion Prevention & Repair; Corrosion Resistant Waterproofing; Primary Containment; Secondary Containments; Effluents Collection & Sewer Systems);
 - **Flooring Solutions** (Epoxy Flooring, Polyurethane Flooring; Vinyl Ester Protective Flooring; Heavy Duty Industrial Flooring; Secondary Containment Flooring, Slip Resistant Flooring, Surface Repair Flooring, Chemical Resistant Flooring; Countertops);
 - **Waterproofing Solutions** (FRP Waterproofing Lining; Polyurethane Waterproofing, Spray Polyurea Waterproofing; Polyaspartic Waterproofing Coating; Flat Roof Waterproofing; Concrete Waterproofing Admixtures)
 - **Specialised Protective Coatings** (Fire Prevention & Intumescent Coatings, Thermal Insulation Coatings; High Temperature Resistant Coatings; Heat Reflective Coatings; Sound Proof Acoustic Coatings; Electrical Insulation Coatings; Blast & Impact Mitigation; Environmental Protective Coating; Structural Safety Coatings; Colour Coding & Signs Coatings, Non-Slip Coatings);
 - **Cladding/Roofing Solutions** (Synthetic Resin Roof Tiles, PVC/UPVC/AUPVC Corrugated Sheets; FRP/GRP Roofing Sheets & Panels; FRP/GRP Purlins; Curved Roofing Sheets; Industrial Roof & Cladding; Insulated Panels, Pre-Engineered Buildings);
- Infrastructure Repair & Rehabilitation** (Concrete Repair; Epoxy Repair Mortar; Cementitious Repair Mortar; Moisture Barrier Systems, Protective Coatings; Epoxy Grout Injections Systems, Buildings Rehabilitations)



- **Air Pollution Control Systems** (Particulate Venturi & Spray Tower Systems; Odour Control Systems, VOC Control Systems, Acid Exhaust Scrubber Systems; Sulphuric Acid Gas Recovery & Treatment; Caustic Exhaust Treatment; Hydrogen Sulphide, Ammonia, Chlorine & other Gas Treatment Systems; Oil Mist Control Systems; Opacity Control Systems).
- **Gas & Exhaust Technologies** (Process Gas Characterization; Process gas heat recovery, including waste heat boilers, heat exchangers, thermal fluids, and power generation; Process gas conditioning, including combustion chambers, water-cooled ducts, and evaporative coolers);
- **Process Plant Fugitive Emission Control** (Protecting employees and equipment from heat stress and dust exposure; Field measurements and emissions quantification; Secondary emissions control; Molten metal transfer emissions control; Process vessels secondary hooding);
- **Energy Optimization and Greenhouse Gas (GHG) Emissions** (Audit and assessment of existing process operations with respect to productivity, efficiency, and environmental considerations; Benchmarking of energy consumption in process operations; Determination of GHG emissions associated with process operations, and development of process strategies).

- **Thermal Waste Treatment** (Direct Fired Oxidizers, Mixed Waste Gas and/or Waste Liquid Incineration Systems; VOC Thermal Oxidizer Systems; Elevated Flare, Ground Flare, Low Flare Systems; Heat & Energy Recovery Systems);
- **Water & Wastewater Solutions** (Package & Permanent Potable Water & Sewage Treatment Plants; Membrane Treatment & Water Reclamation Systems; Industrial Wastewater Treatment, Water Distribution & Metering Systems; O&M Services)

Others

- Acid & chemical storage & handling systems;
- Acid & chemical recovery / acid treatment systems;
 - Bulk and speciality gases storage and piping (orbital welding) systems;



Healthcare & Pharmaceutical

SAGE ENERGY RESOURCE is very active in the Nigerian Healthcare & Pharmaceutical Industry. We service both API and downstream Pharmaceutical Manufacturing facilities with state-of-the-art environmental treatment systems. We also provide complete MEP (mechanical, electrical and process) services including turnkey plant delivery to customers in this sector.

Our extensive experience and in-depth knowledge of the stringent hygienic requirement of certain healthcare and pharmaceutical sub-sector coupled with our in-house ability to provide seamless epoxy flooring systems, polyurethane concrete floor coating formulas and corrosion-free FRP composite tanks and vessels that are made specifically for environments like hospitals, medical centres, therapy facilities, clinics, laboratories and production floors and all places where sanitation is a high priority, has enabled us to be the preferred partner to many of the leading pharmaceutical companies and healthcare centres.

Our service and systems offering within the Healthcare & Pharmaceutical sector include the following:

Composite Solutions

Chemical Process & Environmental Control Equipment (Scrubbers; Discharge Nozzles/Diffusers; Fume Ducts & Chambers; Blowers & Extractors; Exhaust Collection Systems; Ducting Systems; Ventilation & Fan Systems)

Gratings & Pultruded Products (Moulded Grating, Pultruded Gratings, Pultruded Profiles; Flat Chequered Plates; Handrails & Fencing; Walkways & Platforms; Decking, Accessways, Catwalks, Bridges, Ladders & Cage Systems);

Protection Covers & Enclosures (Inspection Manhole Covers; Trench Covers & Underground Access Enclosures; Boxes; Partial FRP Prefabs; Enclosures for Equipment; Wall Claddings/Floor Panels; Roofing Sheets & Panels; Domes & Skylights; Canopies & Sheds; Wind Proofs/Dust Sheds; Prefabricated Buildings).





Water & Wastewater

Water is the world's most precious asset. In short, it is essential for human life, economic growth, prosperity, and development.

At SAGE ENERGY RESOURCE we understand the necessity for clean water technology. Innovation in water infrastructure development and protection is important to us and we can provide solutions for small-scale projects or complex municipal structures.

All water infrastructure requires corrosion protection and waterproofing services. The construction of water reservoirs, pipelines, and treatment plants also requires large quantities of FRP/GRP process, storage, and piping systems.

Our service and systems offering for this sector include the following:

Composite Solutions

Tanks & Vessels (Panel-Type SMC Water Storage Tanks, Pressurised vessels and membrane Housing; Above-ground & Underground Water Storage Tanks; Chemical Storage Tanks, Large Diameter Storage Tanks; Holding Tank, Tank & Vessel

Components: Valves, Ports, Fixtures, Maintenance Ports, View Ports, Troughs, Manholes);

Pipes & Fittings (Medium & High-Pressure Pipes for Water & Wastewater Transportation; Pre-Stressed Concrete Pipes; Pre-Insulated Pipes, Pipe Ducting Systems, Pipe Fittings, Manholes, Joints, Elbows, Flanges, Tees);

Others

- Acid & chemical storage & handling systems;
- Acid & chemical recovery / acid treatment systems;
- Bulk and specialty gases storage and piping (orbital welding) systems;



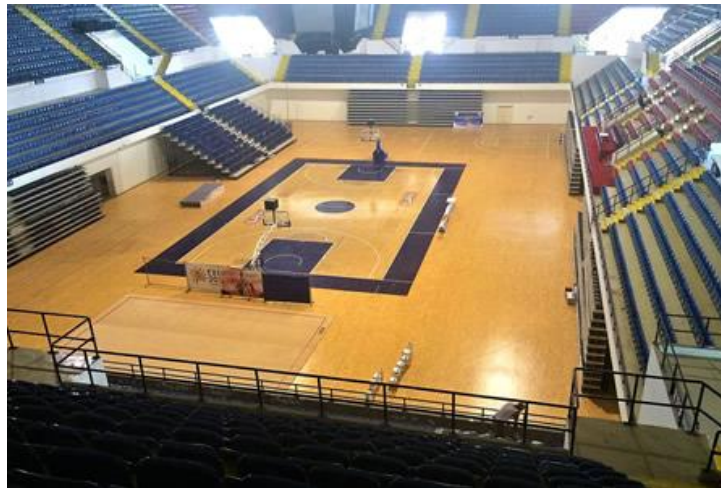
Sports & Recreation

SAGE ENERGY RESOURCE is a leading contractor with an extensive track record developing, planning, engineering, constructing, and commissioning sports and recreational facilities in the local Nigerian market.

Our service and systems offering for this sector include the following:

Composite Solutions

- Enclosures for Sport & Recreation Equipment; Wall Claddings/Floor Panels; Roofing Sheets & Panels; Domes & Skylights; Canopies & Sheds; GRC Cladding, GRC Dome, Cornice, Wall Cladding, Column Cladding, Roof Tiling Stone Finish, Screen Wall Wood Finish; Prefabricated Buildings)



Infrastructure Protection

- **Flooring Solutions** (Epoxy Flooring, Polyurethane Flooring, Polyurea Flooring; Acrylic Flooring, Basketball Court Floors, Volleyball Court Floors, Badminton Court Floors, Lawn Tennis Court Floors, Squash Court Floors, Gymnasium Floors, Home Gym Floors, Commercial Gym Floors, Fitness Centre Floors, Synthetic Football Tuff, Handball Tuff, Pitches, Athletic Track, Multi-Purpose Sport *Floor*)



Transportation, Advertising & Telecommunication

SAGE ENERGY RESOURCE is Nigeria leading provider of composites used for a wide range of applications within the automotive, marine, and railway sectors. Our services cover interiors, exteriors, drivers' cabs, drivers' desks, front ends, sanitary modules, and floors for buses, trucks, and marine boats. We also provide composite solutions for transportation infrastructure such as bridges, buildings, decking, platforms, walkways, fencing, manhole covers, gutters, pipelines, etc.

In the competitive world of advertisement, the most important thing for a business is to stand out. SAGE ENERGY RESOURCE has the expertise and experience to design, build and install outstanding models and striking advertising figures.

In telecommunication applications composites provide perfect solutions through features like **weather resistance** (low CME and CTE), **stiffness**, **weight savings** (30-80% lighter than AL), and **good dielectric properties** (low loss tangent). Our experience and expertise in the area of the FRP Composite market have helped us to provide custom turnkey composite solutions to the telecommunication sector.

Some of the areas for which SAGE has provided custom transportation, advertising, and telecommunications solutions include:

Composite Solution

Gratings & Pultruded Products (Pultruded Telecom Towers; Moulded Grating, Pultruded Gratings, Pultruded Profiles; Flat Chequered Plates; Handrails & Fencing; Walkways & Platforms; Decking, Accessways, Catwalks, Bridges, Ladders & Cage Systems, Crash Rails, Non-Conductive Fencing Handrail, Service Platform, Gratings for Pipe Trenches Baggage Chute, Cable Trays & Ladders, Channel, Square Tube, Rectangle Tube, Bars, Beams, Plates, Rods, Staircases);

Protection Covers & Enclosures (Prefabricated Radomes for Base Stations & Antennas Housing; Camouflages for Mobile Towers.

Architectural, Buildings & Construction

SAGE ENERGY RESOURCE's extensive track record in the architectural, building, and construction sector is a testament to years of experience and know-how in providing long-lasting composite solutions and protective performance coatings to nation's buildings, bridges, tunnels, wharves, jetties, roads, dams, transport stations, airports, hospitals, factories, stadia, sports facilities, theme parks, golf courses, etc.

Our specialized resins and fibers are perfect for a wide variety of architectural, buildings, and construction applications such as domes, cupolas, or other roof structures, cornices and other types of molding or trim, wall coverings, and wall

panels to name a few. In addition, we offer pultruded structural components such as decking, walkways, and handrails, as well as pultruded shapes such as beams, rods, channels, square tube, rectangular tube and angle.

Our service and systems offering for this sector include the following:

Tanks & Vessels (Panel-Type SMC Portable Water Storage Tanks. Septic/Sewage Holding Tanks, Underground & Above-Ground Storage Tanks, Diesel/Fuel Storage Tank, Fire Fighting Sectional Tanks, Swimming Pools);



Infrastructure Protection

- **Flooring Solutions** (Epoxy Flooring, Polyurethane Flooring; Moisture Mitigating Flooring, Tiles, Marbles, Countertops)
- **Specialised Protective Coatings** (Fire Prevention & Intumescent Coatings, Blast & Impact Mitigation; Environmental Protective Coating; Insect/Mosquito Repellent Coatings; Anti-Fungal Waterproofing Coating);
- **Cladding/Roofing Solutions** (Synthetic Resin Roof Tiles, PVC/UPVC/AUPVC Corrugated Sheets; FRP/GRP Roofing Sheets & Panels; FRP/GRP Purlins; FRP/GRP Domes & Skylights, Clay/Cool Roof Solutions; Industrial Roof & Cladding Solutions; Polycarbonate Roofing Panels; Wood Plastic Composite Panels, Insulated Panels, Pre-Engineered Buildings);
- **Infrastructure Repair & Rehabilitation** (Concrete Repair; Epoxy Repair Mortar; Cementitious Repair Mortar; Moisture Barrier Systems, Protective Coatings, Steel Reinforcement Coating; Cathodic Protection; Re-Alkalization; Epoxy Grout Injections Systems, Buildings Rehabilitations, Bridge Rehabilitation; Road Rehabilitation, Warf & Jetty Repairs; Dams Repairs & Rehabilitations)

Renewable Energy & Technologies

SAGE ENERGY RESOURCES recognizes that the search to provide new forms of supplying environmentally friendly and cost-effective solutions for energy is increasing rapidly both on a local and global scale and to that extent we are already leading the way in the local Nigeria market.

SAGE ENERGY RESOURCES specializes in designing and installing residential, commercial, and utility-scale solar photovoltaic systems. Any project, any size, anywhere in Nigeria, be it a roof, ground mount, or custom design installation.

Our services in this sector consist of the following sustainable services:

Composite Solutions

Gratings & Pultruded Products (Pultruded FRP Wind Turbine Blade, Pultruded FRP Cable Management Systems; Pultruded FRP Protective Handrails & Fencing; Ladder & Safety Cage; Pultruded FRP Service Walkways & Platforms, Insulation Components for Generators & Batteries)

Protection Covers & Enclosures (Inspection Manhole Covers, Trench Covers & Underground Access Enclosures: Prefabricated Buildings for Remote Power Stations)



Infrastructure Protection

- **Corrosion Protection** (FRP and Polymer Based Lining Systems for Utility Scale Solar PV Systems);
- **Flooring Solutions** (Epoxy Flooring, Polyurethane Flooring, Polyurea Floors for Control Rooms);
- **Waterproofing Solutions** (FRP, PU & Polyurea Waterproofing for Roof Deck Installed PV Systems)

- **Specialised Protective Coatings** (Fire Prevention & Intumescent Coatings; Protective Coatings)
- **Cladding/Roofing Solutions** (Pre-Engineered Buildings);

Environmental Technologies

- **Waste & Recycling Systems** (Waste-to-Energy Systems);
- **Renewable Energy Solutions** (Biomass; Solar Thermal, Solar Photovoltaic; Hydroelectricity; Renewable Energy Storage; Installations)

Agriculture

Infrastructure and Equipment in the agricultural market are subject to harsh environmental conditions and must withstand significant abuse. Using composite for agriculture has several long-term benefits for customers, including longevity of storage and process facilities, equipment, and faster payback on investment due to increased performance and uptime.

SAGE ENERGY RESOURCES provides solutions to different market segments in the agricultural industry, including agricultural storage facilities, greenhouse facilities, equipment, and vehicles. We are involved in the engineering, construction, supply, and installations of custom *FRP* tanks and moldings specifically designed and built for the *agriculture* industry such Silos, Fertilizer Storage tanks, Commercial Fish Farming tanks, large capacity storage tanks, and perforated FRP pipelines for irrigations, etc.

Our service and systems offering for the agricultural sector include the following:

Composite Solutions

Tanks & Vessels (Panel-Type SMC Water Tanks. Silos; Fertilizer Storage Tanks; Large Diameter Storage Tanks for Irrigation; Commercial Fish Farming Tanks; Artemia/Rotifier Tanks for Fish Hatchery, Circular Tank for Fish Breeding, Rectangular Fish Tank for Fish Breeding, Live Fish Insulated Transport Tank, Extra Large Circular Tanks for Fish Breeding, Cradle Sorting Machine, Fire Fighting Sectional Water Tank, Square Basin for Fish Breeding, Skimmer Vessel);

Pipes & Fittings (Perforated FRP Pipes for Irrigation, Pipes & Pipe Fittings)

Chemical Process & Environmental Control Equipment (Degasser Vessel, Oxygen Cone, Chemical Vessels for Fertilizer Storage, Biogas Digesters)



Infrastructure Protection

- **Corrosion Protection** (Polymer Based Lining Systems for Water Reservoir);
- **Flooring Solutions** (Epoxy Flooring, Polyurethane Flooring, Polyurea Floors for Livestock Farming);
- **Specialized Protective Coatings** (Water Repellent Coatings; Anti-Fungal Waterproofing Coating);
- **Cladding/Roofing Solutions** (Pre-Engineered Buildings);
- **Infrastructure Repair & Rehabilitation**





Environmental Technologies

- **Air Pollution Control Systems** (Particulate Control Systems; Odour Control Systems, VOC Control Systems).
- **Thermal Waste Treatment** (Direct Fired Oxidizers, Mixed Waste Gas and/or Waste Liquid Incineration Systems);
- **Water & Wastewater Solutions** (Package & Permanent Potable Water & Sewage Treatment Plants; Water Distribution);
- **Waste & Recycling Systems** (Waste Sorting Systems; Waste Processing Systems, Waste Recycling Systems);
- **Renewable Energy Solutions** (Solar Thermal, Solar Photovoltaic; Renewable Energy Storage; Installation & Management)

OUR PEOPLE

Sage Energy Resources Limited is committed to fortifying our client base by ensuring excellence and proactivity in service delivery. With our lean and dynamic group of highly competent individuals with relevant experience in Infrastructure Protection and Environmental Technologies for the food & beverage, chemical, petrochemical, pharmaceutical, power, steel, healthcare, water & wastewater, sporting, recreation, transportation, advertising, telecommunication, architectural, construction, renewable energy, agricultural, marine, and oil & gas industries with an uncompromised commitment to Quality, Health, Safety, and Environment.

Our expertise enables us to successfully support our customers and partners in the most demanding areas, and our people are at the center of our collective project.

Name: Engr. Yomi B. Ajisola (M.Sc., FNSE)

Position: Managing Director

Qualification: B.Eng., Petroleum Engineering, University of Ibadan
M.Sc., Industrial Engineering (Engineering Economics)
Fellow, Nigerian Society of Engineers.

Specialization: Reservoir and Well Engineering
Economic Analysis and Modelling
Engagement Lead and Project Management

Mining Operations

Working Experience: Texaco Overseas (Nigeria) Petroleum Company
Operations Engineer, 1990 – 1993

Petroleum Engineer at the Gulf of Mexico, New Orleans, Louisiana. USA,
Lagos, 1993

Petroleum Engineer 1993 – 1995

Reservoir Engineer: Houston, Texas, USA. 1995 – 1998

Budget and Planning Supervisor, 1998-2002

Chevron Nigeria Limited:

Petroleum Engineer, 2003-2006

Petroleum Engineer (Joint Venture Exploration), 2006-2010

Staff Technical Liaison (NNPC/DPR JV Relations), 2010 – 2011

Manager- PSC/Deepwater Relations (NNPC/DPR), 2012- 2016

Manager- Crude & Products Supply, 2016-2017

Sandcrete Engineering Limited- Conglomerate

Sage Energy Resources Limited

Managing Director, 2018- *till Date*

Name: **Ajisola Margaret Bolanle** is the Director of Administration and Finance of Sandcrete Engineering (Nigeria) Limited. She is a highly respected business tycoon with long years of experience in personnel management. She holds a M.Sc. Degree in Botany from the University of Lagos and holds various certificates on Gemology.

Name: Sophia Inyokpo Harry

Position: Regional Manager

Qualification: B- Tech Computer Engineering, RSUST, Rivers State.

Specialization: Safety- Assessment, Audits, and Evaluations, Occupational Health, Hazard Recognition & Control

Working Experience: Atlantic Fluid & integrated Services Nig. Ltd
Supervisor on Health, Safety, Environment & Clients Services,
2013-2019

O.C. Ogbewe & Co., Barristers & Solicitors
Secretary, 2009

Sage Energy Resources Limited:
Operations Lead, *2019- Till Date*

Name: Inyokpo Onye Doyar Harry

Qualification: B.Sc. Management, University of Port Harcourt
B.Sc. Life Management, Christ Institute of Theological Arts and Sciences (citas)

Specialization: Comprehensive Product Knowledge

Project Planning, Execution, and Management: Oil and Gas Operations

Working Experience: Taland Place Limited
Credit/ Cash Officer, *1993-1996*

Esteem Enterprise (Nig.) Company
Sales Associate, *1996-1998*

Blue Chips consortium
Executive Assistant to the CEO, 1998-2002

Hands of Love
Producer/Director, *2004-2010*

Oiltech Engineering Services Limited
Protocol Officer, *2011-2014*

D.I.B Integrated services company limited
Operations Manager, 2015 – 2019

Degema L.G.A Rivers State
Vice Chairman Caretaker Committee, 2019

Sage Energy Resources Limited
Operations Lead, 2019- Till Date

Name: **Adedolapo Raji**

Position: Finance and Investments

Qualification: **B.Eng. Chemical Engineering, Covenant University**
M.Sc., Energy Engineering with Industrial Management,
University of Sheffield

Specialization: Energy Related Operations and Financing Partnership
Management Investments

Working Experience: Sage Energy Resources Limited
Finance Advisory, 2020- Till Date

Greenwich Trust Limited
Financial Advisory & Investment Banking Analyst, 2017-2020

REL Field Marketing (Dell Inc. Account), UK
Regional Sales Associate 2015-2016

Greenwich Trust Limited
Investment Research & Management, 2015

Transport Services Limited (TSL)
Business Intelligence Analyst, 2014

Addax Petroleum Development Nigeria Limited
Wellsite Drilling Engineer Trainee, 2012

Name: **Wokekoro Ndubuisi**

Position: Community Realations

Qualification: B.Sc. Computer Engineering, RSUST, Rivers State

Specialization: Technical Projects Management Marine, Oil and Gas Operations

Working Experience: Sage Energy Resources Limited*Project Management, 2018- Till Date***Proverbs Limited -Contract for SPDC***Site Engineer, 2013-2018***Quantum Craft Servicing-Contract for SPDC (Construction)***Project Supervisor, 2012***Johnbest Services – Contract for SPDC***Site Engineer, 2010***Weltek Nigeria Limited***Engineer, 2006****Sage Energy Resources Limited*****Contact Us: www.sageenergyres.com****Regional Office**

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