


Company Profile

Tomorrow's Fuel, Delivered Today.

LU
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OR
Gas

A white semi-trailer truck carrying several large, horizontal, cylindrical gas cylinders. The truck is parked outdoors under a clear blue sky. The side of the trailer has two circular gauges labeled with the numbers 8 and 9. The truck has a red and white striped bumper.

LuxorGas will go beyond by building on our pipeline expertise, technology and people to be the company of choice for distribution of hydrocarbon energy and associated services.

Our goal is to be a superior investment through the production, transmission & distribution of natural gas and natural gas liquids to customers in the West African region.

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“*To me the point of a fuel company is to take away the stress of keeping my generators running and the LuxxorGas team do this perfectly. These were the same guys that fitted us a remote sensor which allows us to keep track of fuel levels, reducing non-technical losses and ensuring I always order fuel in good time.*

Would I recommend them? Without a shadow of doubt!”

CEO (Cityscape International PLC - Real Estate Development)

Who We Are

LuxxorGas Ltd (LXG) is a privately owned company specialising in the distribution and commercialisation of Natural Gas in West Africa. It is a wholly owned subsidiary of The Luxxor Group, with distribution operations within Nigeria.

LXG is an autonomous company with a highly innovative product with huge market prospects. The company is divided into two divisions; Industrial and Automotive. The Industrial division specialises in the Distribution of Compressed Natural Gas (Methane/Pipeline Gas) to stranded assets which are off pipeline networks, thus enabling wider access to cleaner, cheaper more sustainable natural gas, while the automotive is part of a long term development plan to strategically place CNG in the automotive market place as a verifiable alternative to conventional fuel sources including Petrol and Diesel.

What We Do

We serve the market a **cheaper, cleaner, more sustainable** alternative fuel.

Our Services are aligned to the Nigerian Federal Government's efforts to increase domestic Natural Gas utilization as an alternative energy source to the more costly, overwhelmingly imported fuel oils, which negatively impact the local economy.

What We Offer

We offer several strategic solutions for our customers. One of which is to service those whom are located in the areas isolated from existing gas distribution pipelines. This is performed through our proprietary gas delivery network, which includes multiple transport modes; utilising trucks via roads, and barges via waterways. This concept also guarantees reliable and stable gas pressure at customer sites, regardless of whether they are within, or out of Pipeline Coverage.

Another means by which we comprehensively cover our customers' needs is by Designing, Building and Operating Natural Gas refueling stations across Nigeria on and off Pipeline routes. A significant operation which provides our contracted customers ready convenient access to natural Gas fuel, with little or no investment, allowing them to completely focus their time and valuable capital on operating their fleets.

Compressed Natural Gas (CNG) is simply Natural Gas (predominately methane) that has undergone a significant compression process, reducing the gas to less than 1% of the volume it occupies at standard atmospheric pressure. Although its combustion does produce relatively small quantities of greenhouse gases, it is a more environmentally friendly alternative to all other Hydrocarbon fuels.

The main advantages of CNG are listed below:

Narrow Flammability Range to help ensure predictable, safe use, Natural Gas will only ignite when there is an air-to-gas mixture ratio of between 5% -15%. Any proportions outside of this range will simply not combust.

Cleaner. It is the cleanest-burning fossil fuel available. Natural Gas engines emit up to 40% less greenhouse gas than gasoline or diesel engines. When natural gas burns, virtually no harmful pollutants are produced. Reactive hydrocarbons are reduced by up to 80%, Nitrogen oxides are reduced by up to 50%, with Carbon monoxide reduced by up to 50%. Black smoke is virtually eliminated or non-existent. In addition, there is a reduction in the emission of particulates in the atmosphere and there is a lower chance of oil/diesel spills.

Natural Gas is **Lighter Than Air** so when released into the atmosphere, it rapidly dissipates, as opposed to the heavy nature of Propane or Gasoline, whose dense fumes accumulate at ground level and thus carry a higher flammability risk. Natural Gas also has a higher ignition temperature (628.3 degrees Celsius) than Gasoline (246 degrees Celsius) or Diesel fuel (210 degrees Celsius), which further significantly reduces the chances of an accidental ignition.

Non-toxic Natural gas contains no toxic ingredients. It is relatively harmless, even when inhaled.

Odourless When taken from the ground, natural gas is odourless. A harmless but pungent odour is added as a safety precaution, so as to be able to detect even the smallest quantity of gas in the event of a leak.

Colourless When mixed with a specific amount of air and ignited, invisible natural gas burns with a pure blue flame. It is one of the cleanest burning fuels, producing primarily heat, carbon dioxide and water vapour.

ConnectNG represents the physical Compressed Natural Gas product and the logistical delivery service for Industry, from LuxxorGas.

Bridging the gap for manufacturers, retail and office premises, hospitality, banking (and many more) away from the pipeline, ConnectNG represents the beginning of Nigeria's most recognisable and trusted answer to the question of Compressed Natural Gas supply.

ConnectNG, serving Compressed Natural Gas to Industry off pipeline.



ConnectNGTM

Compressed Natural Gas. Proudly Nigerian



LuxxorGas Distribution Process

LuxxorGas' proprietary CNG distribution system is engineered from the 'ground up' to make natural gas available to customers who are 'stranded' off pipeline networks.

This solution enables wider domestic utilisation of Nigerian gas, overcoming the current lack of adequate infrastructure, which has drastically limited both the economic and environmental gains from natural gas utility in both industrial and automobile applications.

ICT Systems

LuxxorGas' advantage in the industry is partly driven by the strength of the ICT infrastructure that is at the heart of our operations.

Cloud Based Enterprise Resource Planning (ERP) Application Netsuite™ is LuxxorGas' choice of ERP. The platform has been implemented across all departments, including sales, marketing, service, finance, inventory, order fulfillment, purchasing, and employee management.

LuxxorGas' data is stored securely in the 'cloud' and accessible from any location. This allows for improved service, flexibility and redundancy.

All our customers have an online portal where they can manage their interaction with LuxxorGas. This CRM portal gives customers access to gas consumption and billing data, online payment systems, and relevant logistics data regarding their services.

LuxxorGas thrives on team work and collaboration to achieve maximum effectiveness. Our office communications system is powered by the search engine giant Google. We use a suite of Google Apps for Business™ to create a seamless workflow between employees and projects.

A proprietary Supervisory Control and Data Acquisition (SCADA) system monitors and controls LuxxorGas CNG facility operations. LuxxorGas employ a fleet management system which combines Global Positioning Systems (GPS) and extensive fleet management to monitor all mobile assets, drivers and truck handlers.

Inventory Management System

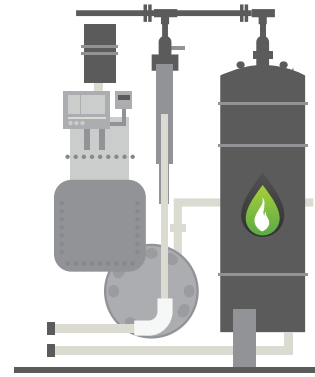
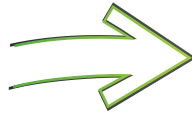
Our inventory management system is integral to the sustainability of our operations. Operational efficiency gains are realised by the elimination of manual data entry, paper files, manual stock entry through the automation of records and other important documents.

The following illustration outlines the process by which LuxxorGas effectively and reliably deliver Compressed Natural Gas to our clients.



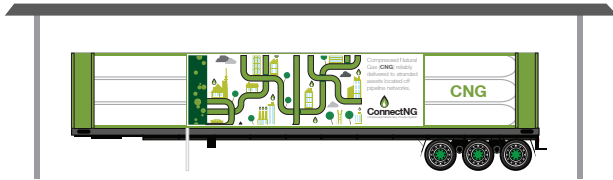
LuxxorGas receives pipeline Gas from Shell Nigeria Gas (SNG)

NATURAL GAS PIPELINE



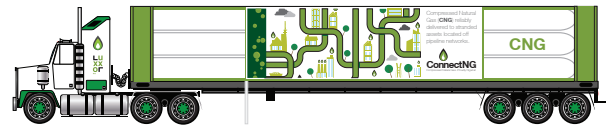
Gas is from pipeline is dried, scrubbed and compressed at our Mother Station facility

COMPRESSION MOTHER STATION



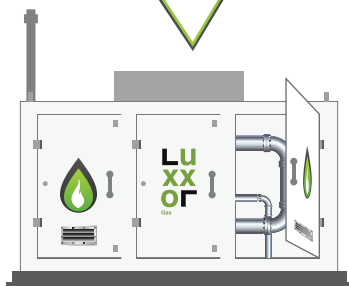
Storage space will be provided at the customer's location for the CNG trailer to discharge gas.

CUSTOMER LOCATION



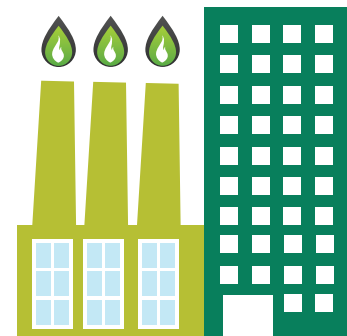
Compressed Gas is transported by CNG Trailers to customer locations

CNG TRAILERS TO CUSTOMER SITES



The Gas pressure can be reduced to the requirement of the equipment or plant at customer location.

PRESSURE REDUCTION SYSTEM (PRMS)



CNG can be utilised by both high & Low pressure equipment.

EQUIPMENT/ PLANT



No Upfront Investment – LuxxorGas is committed to creating “Natural Gas Corridors” across West Africa both for convenient fleet refuelling services and industrial applications. For qualifying clients who are contracted with LuxxorGas, we can provide highly customised fuelling solutions catering to particular requirements in return for long term fuelling contracts.



Cost Savings – Ready convenient access to stable and cheap Compressed Natural Gas across major haulage routes and distribution zones. Providing both haulage and industrial users a robust platform from which to accrue massive cost savings on fuel, while simultaneously considerably reducing harmful emissions.



We take the risk – Our long term fuel contracts eliminate unpredictable fuelling costs. You’ll pay agreed low contractual rates at all times.



Hone your Strength – By providing cost effective end to end refuelling solutions, our customers can concentrate on the profitability of core business areas.

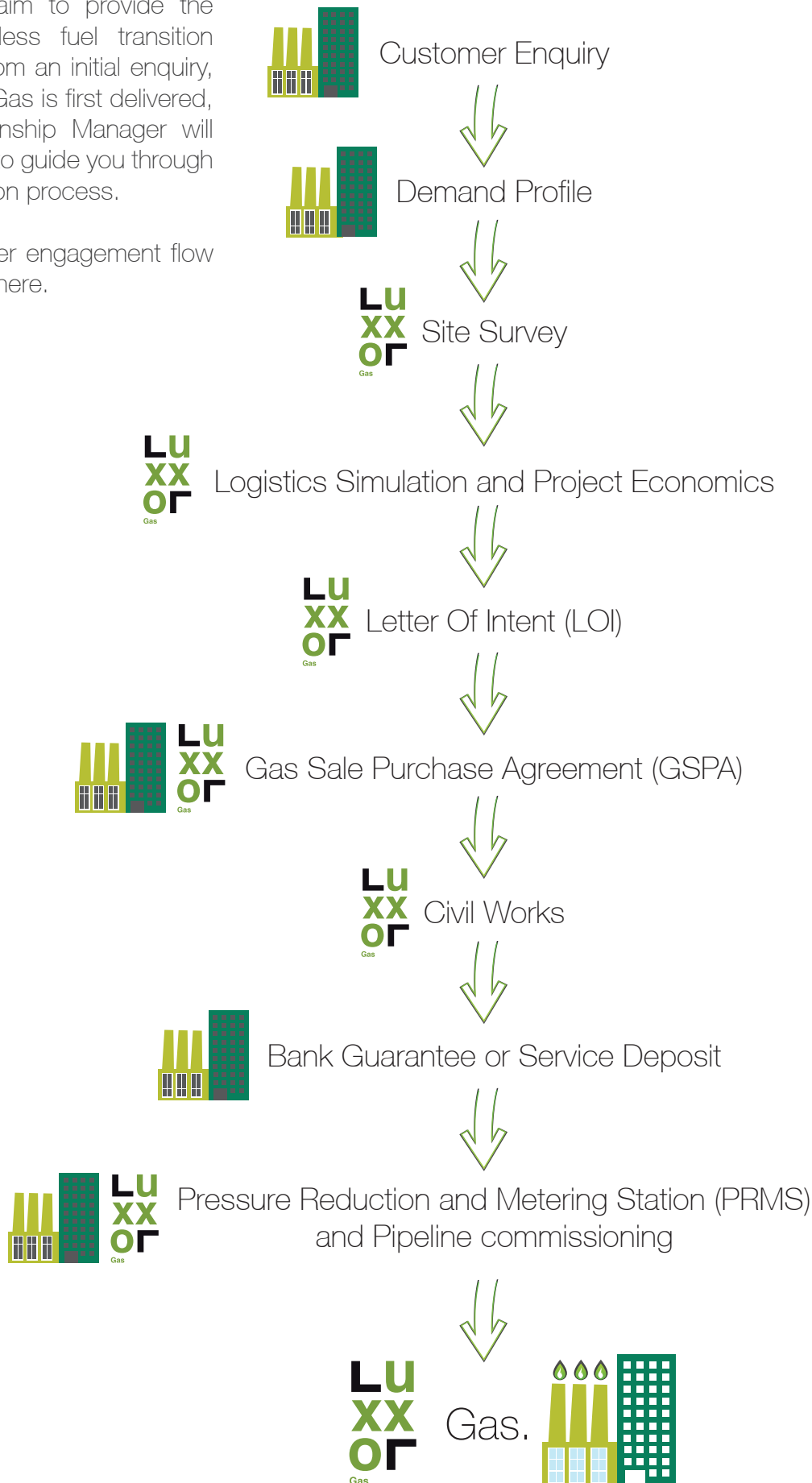


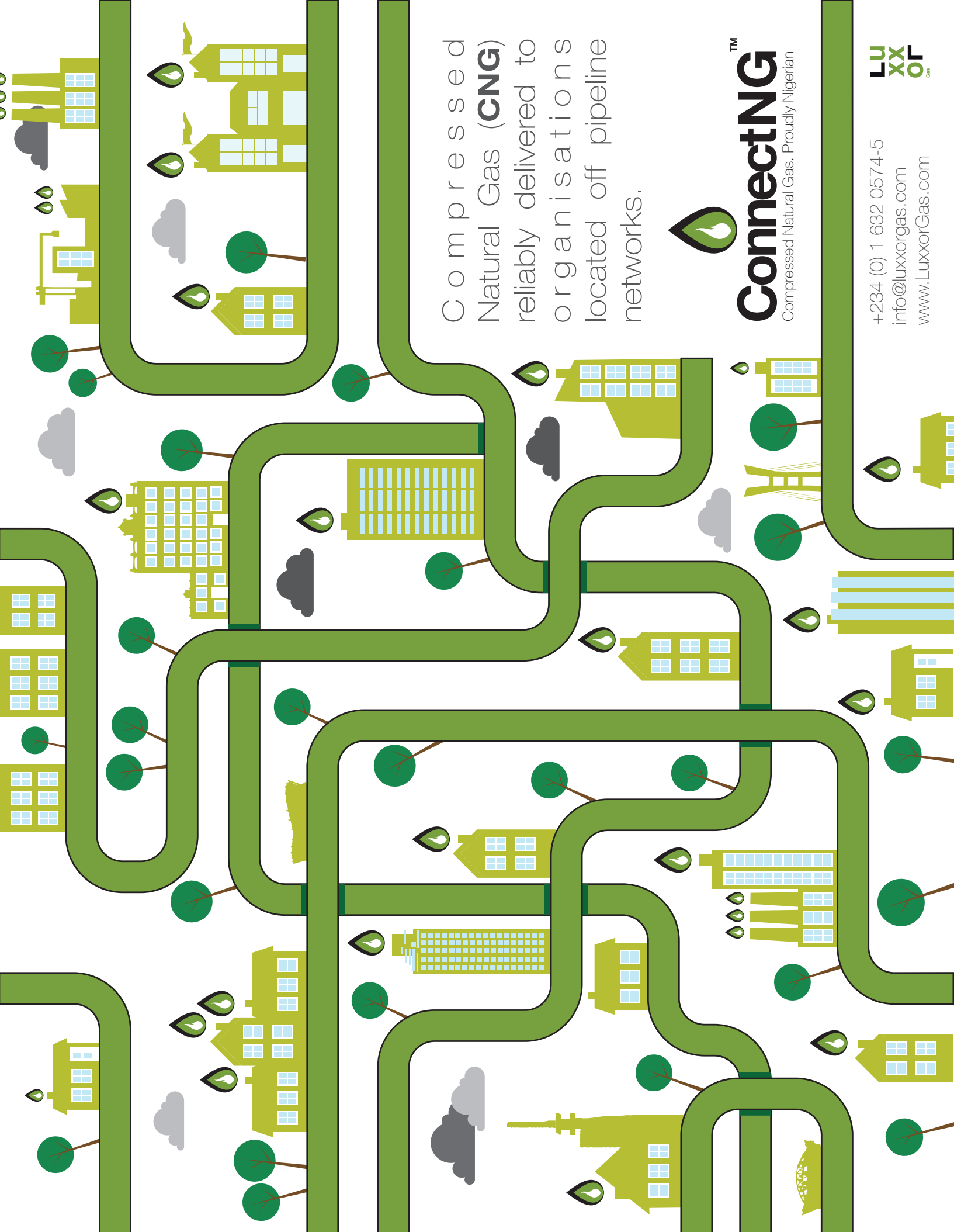
Enhancing your image – In addition to preserving the environment, going green will greatly enhance the image and recognition of your brand. This creates extensive marketing opportunities, both regional and global, at a time when sustainability and social responsibility are at the forefront of economic development.

THE PROCESS

LuxxorGas aim to provide the most seamless fuel transition possible. From an initial enquiry, to the date Gas is first delivered, your Relationship Manager will be on hand to guide you through the acquisition process.

The customer engagement flow is simplified here.





Compressed
Natural Gas (**CNG**)
reliably delivered to
organisations
located off pipeline
networks.



ConnectNGTM

Compressed Natural Gas. Proudly Nigerian

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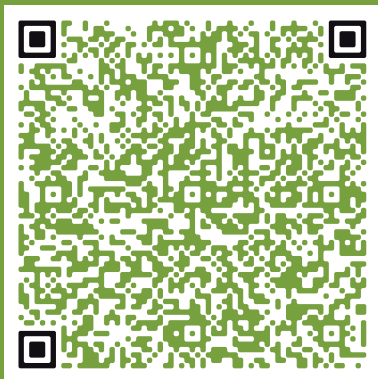
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cleaner, cheaper, more sustainable alternative fuel

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Gas

part of The Luxxor Group