



Efficient and alternative energy for Nigeria

Joseph Inyang, CTO of Juststandout tells us more about how to bridge the “Kilowatt Divide”



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Joseph Inyang,
CTO Juststandout

Juststandout Limited is a global leader providing mechanical, electrical and alternative energy solutions to individuals, corporations and governments who are interested in maintaining continuous high-quality power supply, while reducing their carbon footprint.

These solutions, where power quality and reliability are essential, could be grid, off grid or for emergency use.

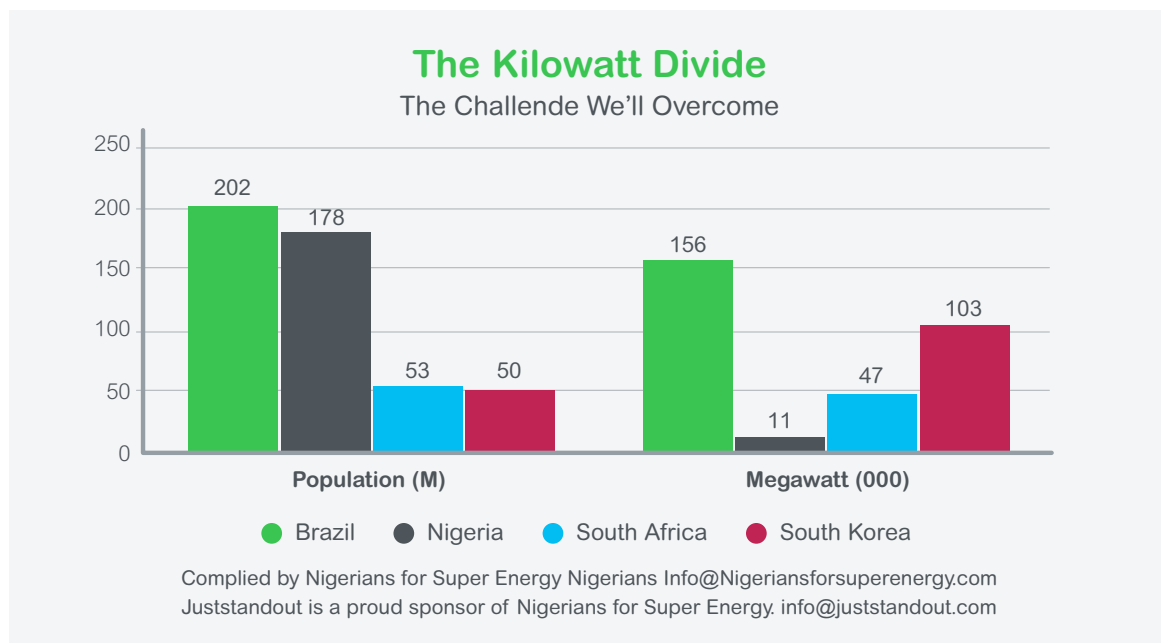
Could you describe the mission and the mindset of the company?

Juststandout will lead the business efforts of Nigeria to provide energy, specifically efficient and alternative energy, to Nigeria and Africa. Our aim is to bridge and to solve the “Kilowatt Divide”. Today Nigeria with an estimated 178M people has an installed capacity of 11,000 MW.

What is the Kilowatt Divide?

Kilowatt Divide is a term I coined a few years ago regarding the energy challenge we face in Nigeria and the rest of the developing world. The Digital Divide has been bridged, now it's time to bridge the kilowatt divide. Grandma in the village can chat or video call her grandchildren anywhere in the world.

As you can see from the chart Nigeria currently has an installed electric capacity of 11,000MW as compared to South Africa that has 47,000MW; a country that is 1/3 of Nigeria's population.



The Kilowatt Divide exists due to the absence of absolute kilowatts and wasted kilowatts, a lack of efficiencies within the distribution system, and the efficiencies of equipment that are being used in residential and commercial structures. We are passionate about bridging the Kilowatt Divide because we believe it is the main key to Nigeria being truly the giant of Africa.

Finally, I believe that Africa is going to leapfrog into the power sector with new technologies in energy storage, efficiencies, smart grids and decentralization.



How does Juststandout contribute to the Sustainable Development Goal number 7 set by the United Nations: Ensure access to affordable, reliable, sustainable and modern energy for all?

We are active contributors through advocacy and implementing mini grid projects to increase the number of people with access to energy. We are currently working on a project that would include recycling lithium ion batteries and Schneider Electric products to power primary health care centers.

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Could you give an example of a recent off-grid project?

Consultation and implementation of a 25.8KW mini- grid Solar Upgrade for Rufkat Danjumu Maternity, Taraba State. The Maternity clinic serves the Takum local government area with a population of 179,900 (2016 est). The project used Schneider Electric inverters, charge controllers, battery monitor, combox and system control monitor.

Our client, Development Africa is a charity and international non-governmental organization working across Nigeria to foster sustainable development in various sectors, with a primary focus on healthcare and education.

Why did Juststandout choose to work with Schneider Electric products and solutions?

Quality, quality, quality. Given our harsh operating environment and the remote locations of our projects, Schneider Electric products and solutions are rugged and durable and give us and ultimately our clients' peace of mind after installation and this leads to repeat business and referrals, because the clients are happy.

Schneider Electric also gives us the ability to custom design, develop and configure our solutions. Last but not the least, we love the remote configuration and monitoring capabilities

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The slogan of Juststandout's team is the energy warriors: why and what does it mean?

It describes our team and the company spirit aptly. The Kilowatt Divide is real and enormous and only true warriors are dedicated enough to recognize the challenge and commit their lives effort to resolving it. Our pursuit in providing individuals, businesses and communities with access to energy has been Innovative, passionate and relentless.

We also equip kids and adults with the skills they need to be disruptive energy warriors by teaching them to code and acquire skills that will be helpful in Artificial Intelligence (AI) and sustainable energy.

Last but not the least we founded a non-profit called Light up a Precious Life to deliver free power systems to orphanages, rehab centers, elderly homes and ICT hubs.