



RONCHO ENERGY SERVICES LTD

Energy & ICT Solutions

Project Developers | System Integrators | Operation & Maintenance

WHO WE ARE



PROJECT DEVELOPERS



SYSTEM INTEGRATORS



TECHNICAL CONSULTANTS

WHAT WE DO

ENERGY SOLUTIONS



TECHNOLOGY SOLUTIONS



OPERATION & MAINTENANCE



Contents



- Introduction
- Energy Project Portfolio
- ICT Project Portfolio
- Conclusion



Intro – Roncho Energy



- Roncho Energy Services Ltd is an energy and technology company registered in Nigeria since 2007. At Roncho Energy Services Ltd, we develop, integrate and operate & maintain energy and technology projects / solutions.

WHO WE ARE	 PROJECT DEVELOPERS	 SYSTEM INTEGRATORS	 TECHNICAL CONSULTANTS
	ENERGY SOLUTIONS	TECHNOLOGY SOLUTIONS	OPERATION & MAINTENANCE
WHAT WE DO			



Intro – Services



- **Process Optimisation | Operation & Maintenance**
 - Energy Consulting & Technical Assessment Studies
 - Operation & Maintenance Services
- **Energy Solutions**
 - Solar Home & Office Systems (PV, Hybrid)
 - Solar for Industrial & Commercial facilities (PV, Hybrid)
 - Solar-Enabled Applications (Air-conditioning, water pumps, water-heating, water purification)
 - Battery Back-Up (UPS) solutions
 - Mini-Grids
 - Grid Extension
- **Technology | ICT Solutions**
 - CCTV & Access Control for Building/Facility Management
 - Bespoke Software/Applications
 - Computing Hardware and Network Systems



Intro – Contact Us



- **Contact Us:**

PORT HARCOURT

4 Okoh Close, Rumuogba,
Port Harcourt, Rivers State

LAGOS

31B Remi Fani Kayode
GRA, Ikeja

ABUJA

Deogratias Plaza, Opp.
Modern Market, Utako

- **Contact Person:**

Dr. Ikenna Bruce Efika

ikenna.efika@ronchoenergy.com

+234 701 309 5215



Intro – Our Partners



- Partnerships (Technology, Development & Finance)



Intro – Management Team



Dr. Ikenna Efika
MD, CEO
(FUTO, 2008)

- **PhD, Power Electronics** for Renewable Energy Systems, University of Leeds, UK.
- **13 Patents**, 32 technical publications.
- **Around 8 years** of tech dev and integration, spans across: **General Electric, Alstom Grid, University of Leeds, University of Nottingham.**
- EDC / AMI Bus. Mgt. Graduate.

Ikenna manages day-to-day execution of the Company's plans.



Dr. Chidi Efika
Chairman
(FUTO, 2006)

- **PhD, Energy & Environment**, University of Leeds, UK.
 - Over 6 technical publications.
 - Around 8 years of project development & system integration, spans across *Polaris Consulting, University of Leeds & Imperial College London.*
 - EDC / AMI Bus. Mgt. Graduate.
- "Chidi manages the daily discharge of duties and reporting for the company"*



Nkiru Anisiobi
COO

- **BEng**, Materials & Metallurgical Engineering, Nnamdi Azikiwe University, Nigeria.
- Around **5 years** of field operations planning, execution and management with **Baker Hughes.**
- Over \$20 million portfolio worth of field operations.

"Nkiru will manage the day to day business development for project implementation, & O&M"



Intro – Implementation Team

Current Manpower Capacity

- 12 Engineers.
- 16 Technicians
- The above are fully trained and capable of supporting installation as well as O&M.
- We are currently scaling up our manpower to provide coverage nationally on our most recent O&M project, on-going recruitment of 39 field personnel.



Energy Portfolio



- **System Integration: 3kW PV solution with battery bank and grid input for home at urban location.**
 - System Integration (Integration Completed, O&M contract ongoing)



Energy Portfolio



- **Case Study: 2kW islanded PV solution with battery bank for home at rural location.**
 - System Integration (Integration Completed, O&M contract ongoing)



Energy Portfolio



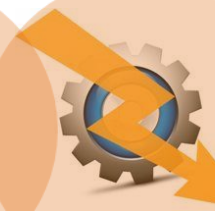
- **Project Development: 5MW Islanded PV / PV – Diesel hybrid plant for manufacturing facility at remote location.**
 - Project Development & O&M (Project Development Awarded – Feasibility Ongoing). Project Value: TBD (last est: \$7,000,000)



Energy Portfolio



- **System Integration, O&M: 60kW Islanded PV with Battery Back-up storage for a home at islanded location. (Feasibility Stage)**
 - Development Completed / Next step Mobilisation



Energy Portfolio



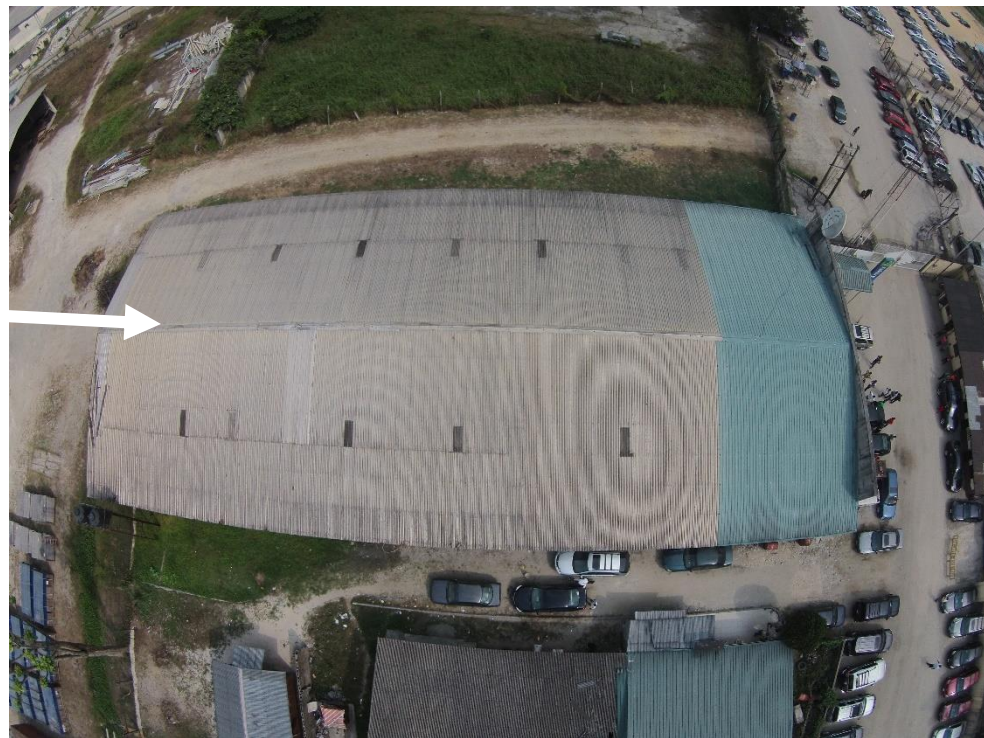
- **System Integration: 4kW PV solution with battery bank and grid input for home at urban location.**
 - System Integration (Integration Completed, O&M contract ongoing)



Energy Portfolio



- **Case Study: 40kW PV – Diesel hybrid plant for bank at peri-urban islanded location.**
 - Project Development | System Integration | O&M)
 - Development Completed



Energy Portfolio



- **Case Study: Hybrid Battery-back up system with smart Auto Transfer Switch for bank at urban islanded location.**
 - System Integration & O&M (Awarded – Execution Ongoing)



Energy Portfolio



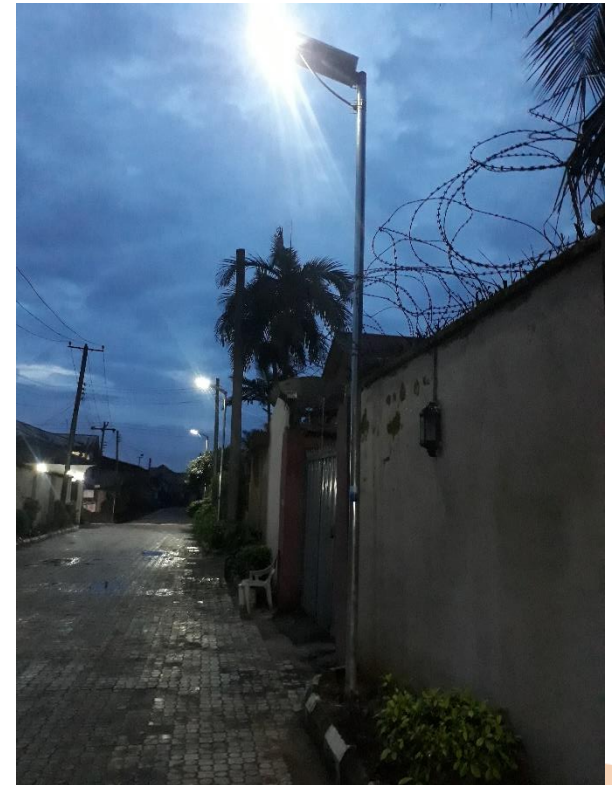
- **Case Study: Energy storage Infrastructure management of a bank's nationwide network (286 locations)**
 - Process Optimisation | O&M (Awarded, Completed)
 - Completed



Energy Portfolio



- **Case Study: Solar Street Lighting for an Estate in PHC**
 - Project Development | System Integration | O&M)
 - Completed



Energy Portfolio



- **Case Study: 57kW Dense penetration of Small Solar Home Systems for DFID-UKAID**
 - System Integration (Awarded, Execution Ongoing)
 - Project Value: £ 125,000 (1,140 small solar solutions installed to improve access to electricity: around 8.3kW in total).

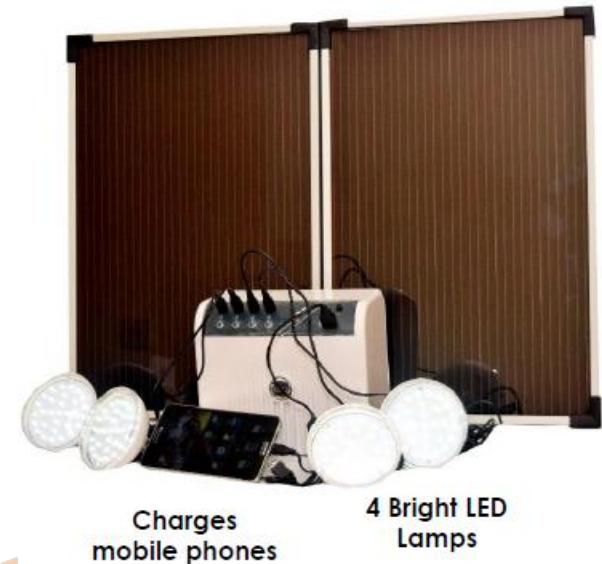
3W
Solar Panel



5W
Solar Panel



10W
Solar Panel

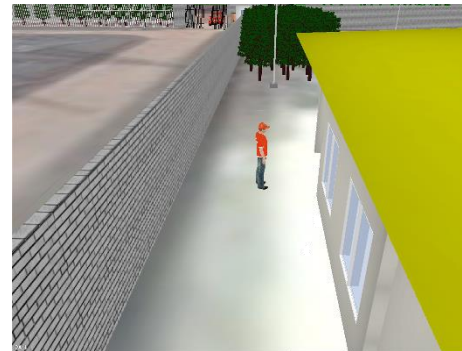
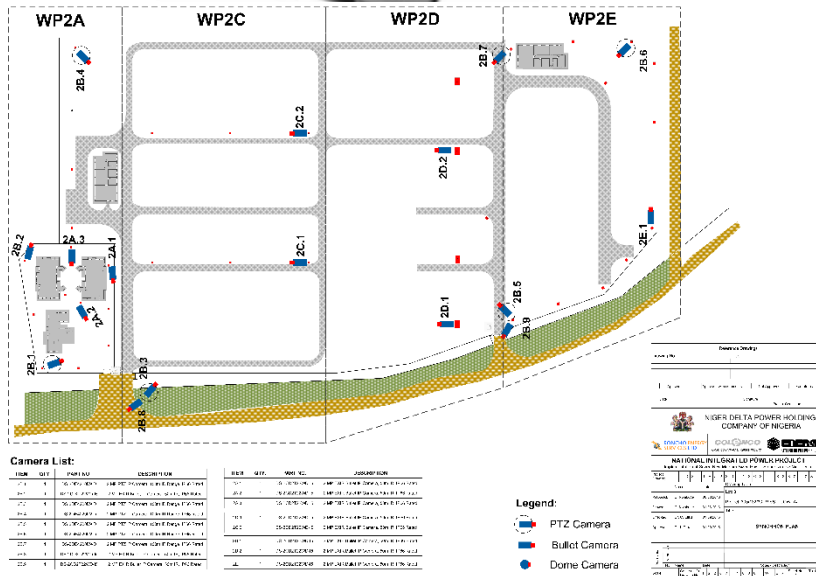


ICT Portfolio



• Case Study: CCTV solution for Power Transmission facility at remote location.

- Project Development (On-going) | System Integration | O&M
- Development Completed



ICT Portfolio



- **Case Study: CCTV solution for Secondary School at urban location.**

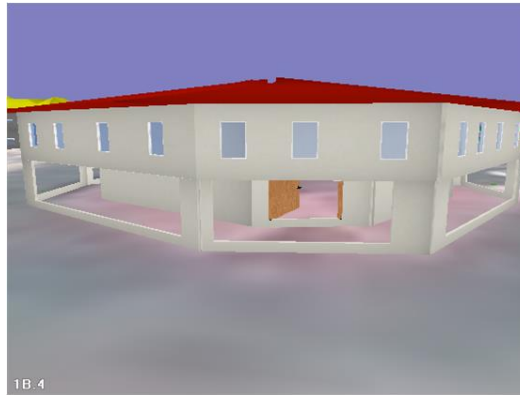
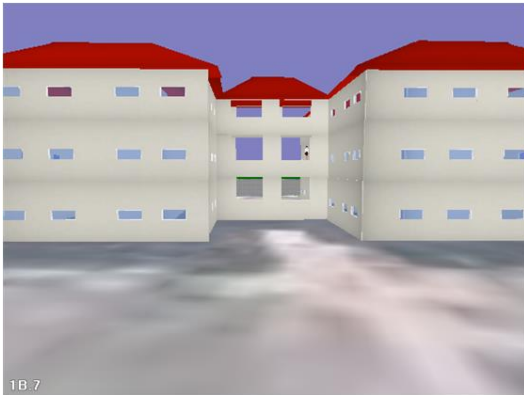
- Project Development | System Integration | O&M (On-going)
- Implementation Completed/ O&M On-going



ICT Portfolio



- **Case Study: CCTV solution for perimeter surveillance of Secondary School at peri-urban location.**
 - Project Development | System Integration (On-going) | O&M
 - Development Completed / Implementation On-going



Conclusion



- Why Roncho Energy?
 - Strong bank of clients & reference projects.
 - Supported by reputable international partners.
 - Strong technical expertise.
 - Young & dynamic team.
- We're flexible: open to discussing the best and most affordable solution with our clients.
- We're transparent: our focus is on solving problems, everything else comes afterwards.
- We continuously evaluate our technology partnerships to ensure we're providing the best solutions at the best price to our clients.





**RONCHO ENERGY
SERVICES LTD**

Thank You

For any inquiries, contact:
Dr. Ikenna Bruce Efika
ikenna.efika@ronchoenergy.com

