

eTC...

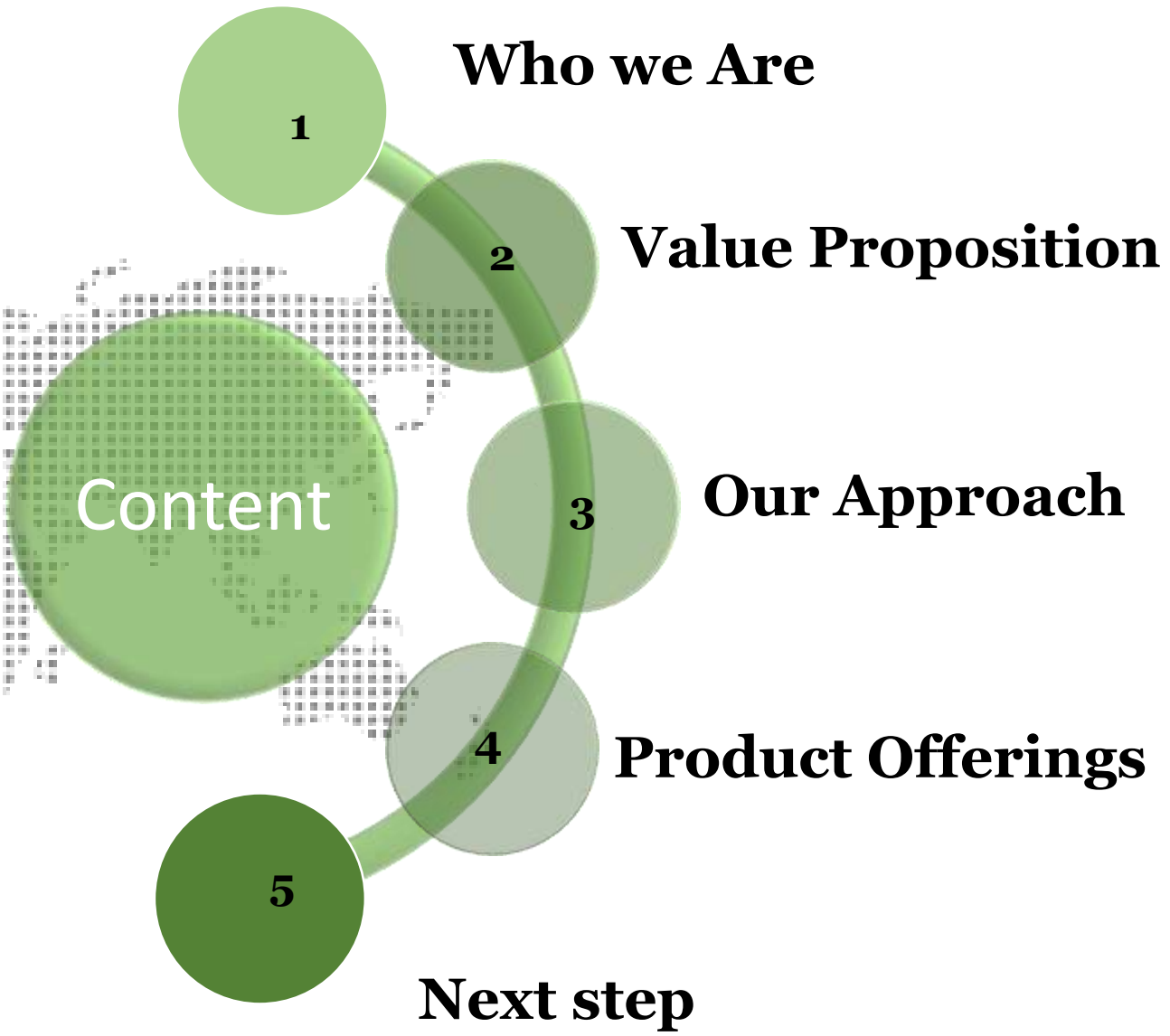
energy
training
centre

eTc Presentation

for
ANED WORKSHOP



Contents



ETC...

Who we Are



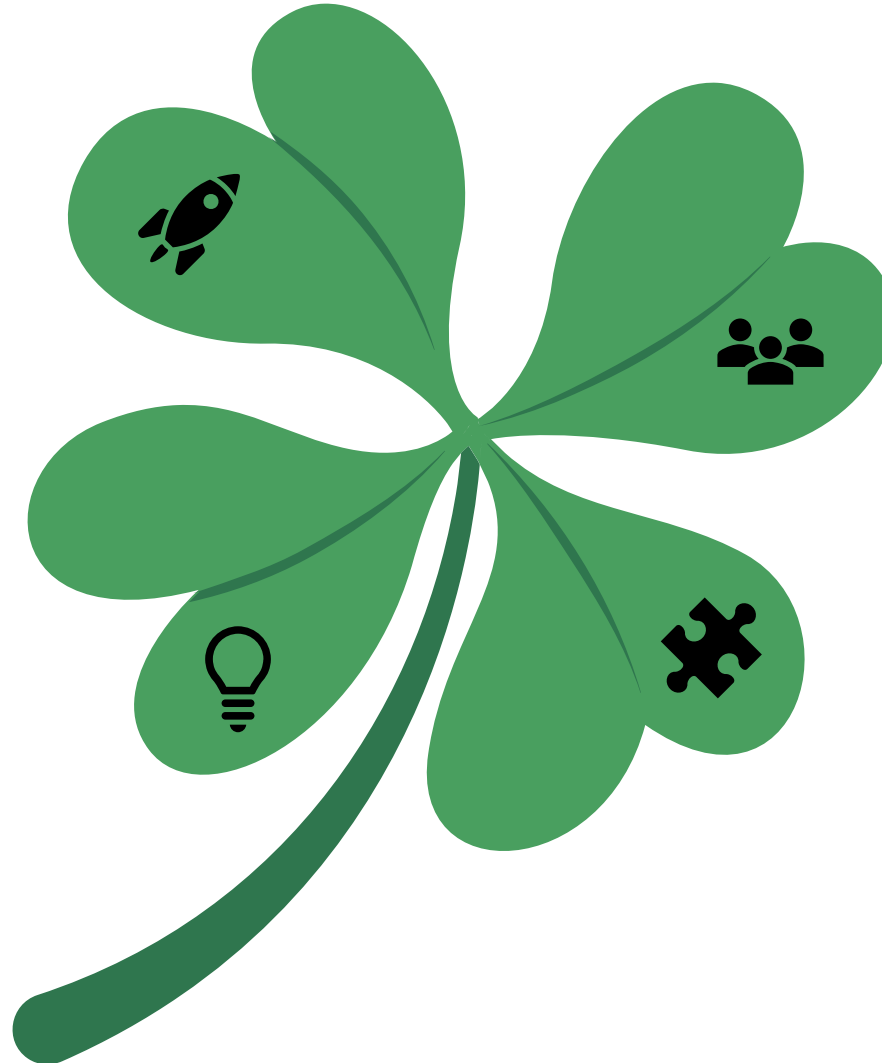
CAPACITY BUILDING

Energy Training Center (ETC) is a new indigenous provider of capacity building services through Human Capital Development.



PROFESSIONAL CONSULTANTS

With a team of professionals and experts (consultants) deeply familiar with the industry as a result of extensive experiences with the Power and Oil and Gas giants in the industry, we add value to every human capital development corporate strategy.



TOP CLASS TRAINING



We are currently positioned to provide top class Training in the Power Sector as well as the Oil and Gas sector.

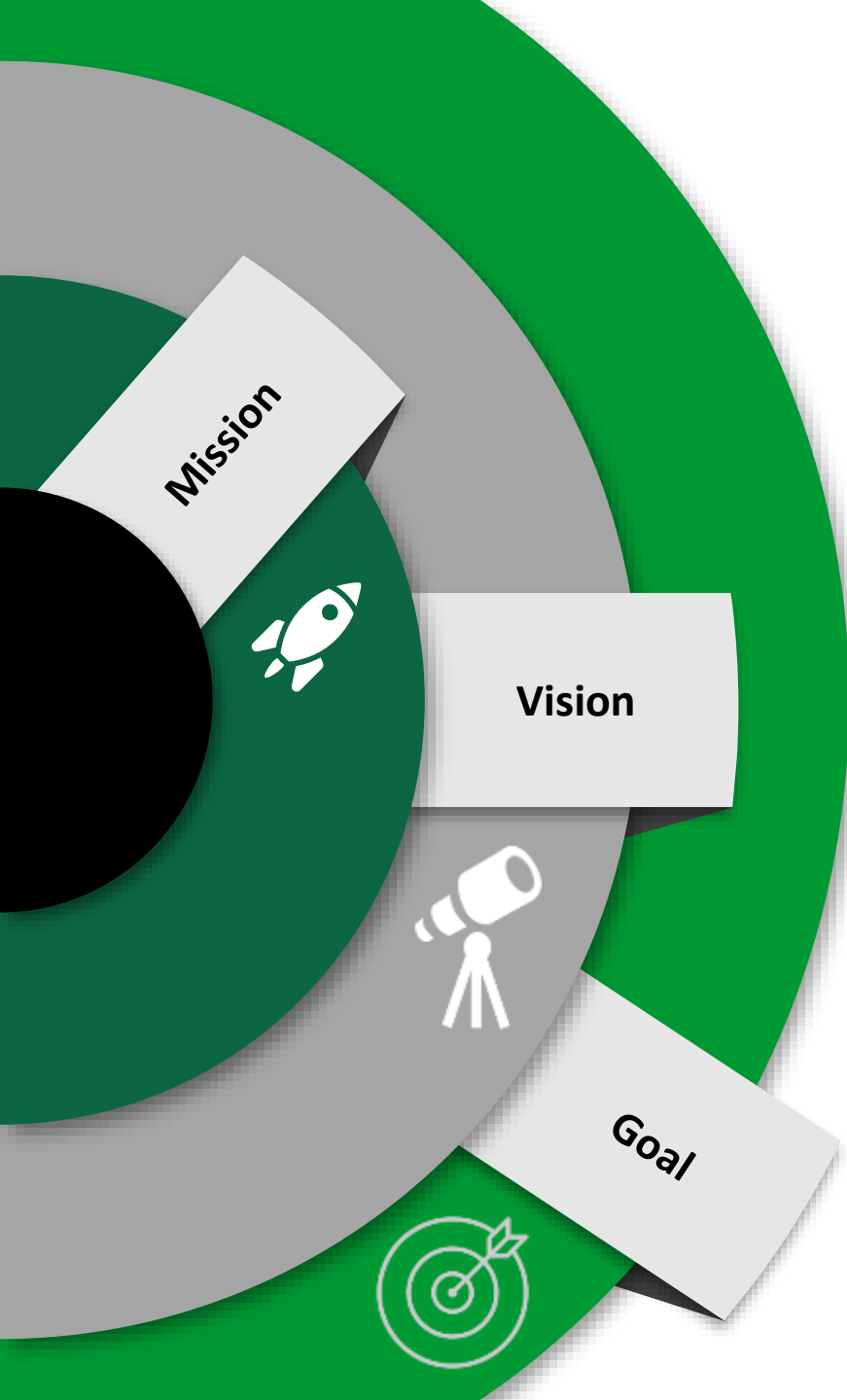
PROVIDER OF CHOICE



We are building a leading provider of training services for the sub-Saharan Africa region.

ETC...

Our Vision & Mission



Our Mission



Our mission is to create superior value for, our clients, stakeholders and our employees

Our Vision



is to be the provider of choice for human capital development services in the Power and Oil and Gas sectors.

Our Goals

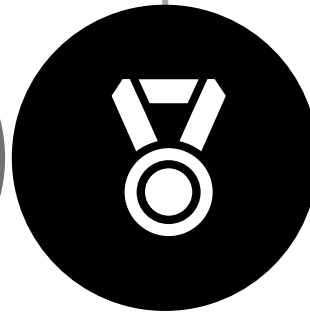


to continuously provide solutions that meet our clients' unique needs by deploying innovative, cost-effective technologies and high concern for safety while satisfying the expectations of stakeholders.

etc...

Our Core Values

CI²CS



Customer Commitment

Deliver on our promises



Integrity

Do the right thing



Innovation

Lead with innovation



Creativity

Imagination and original ideas



Success

Achieve impactful results

etc...

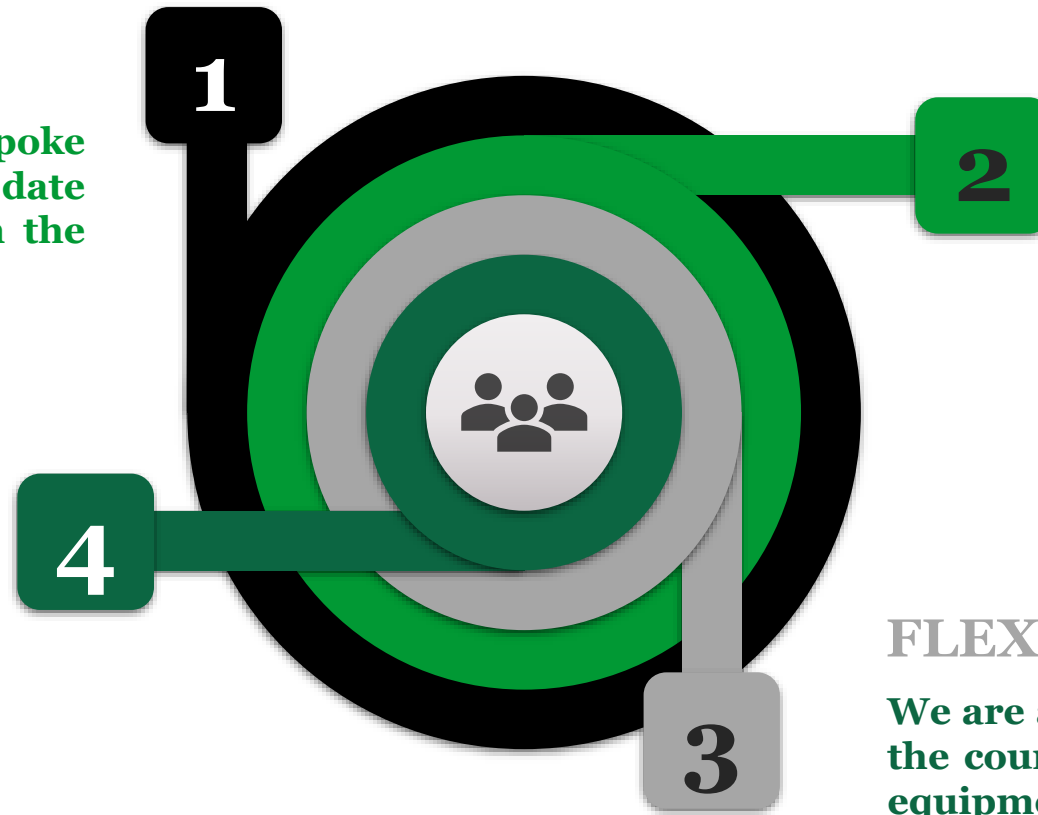
Our Value Proposition

CONTENT

We work hard to create bespoke and fresh content with up to date developments and trends in the industry.

TECHNOLOGY

We infuse cutting edge technology in the delivery of our courses as much as practicable. We partner with leading global solutions providers in the industry in deploying learning interventions.



DELIVERY

Our delivery model takes into consideration the adult learning styles and research based knowledge transfer techniques for effective learning. We collaborate with Academia and other partners.

FLEXIBILITY & COST

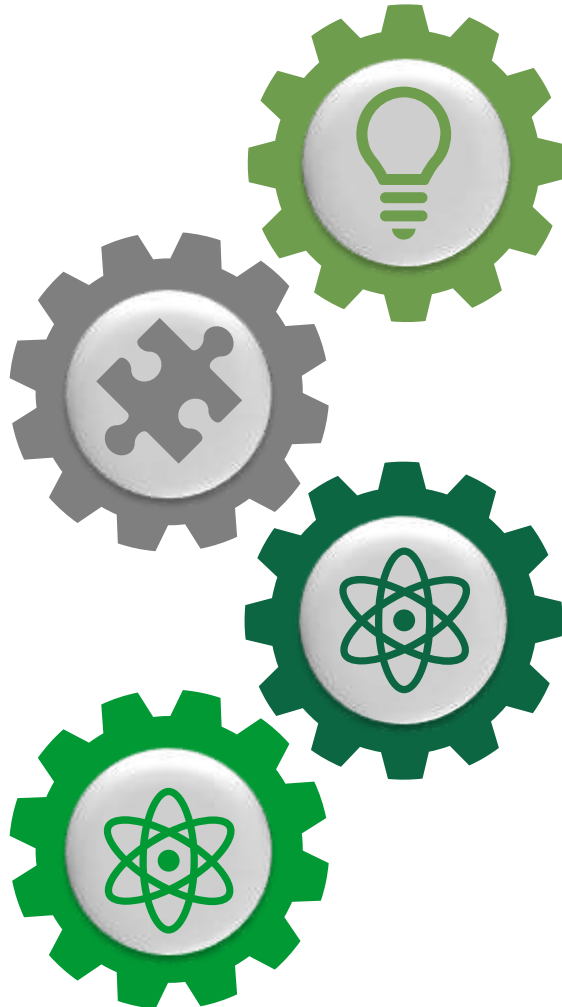
We are able to deliver anywhere in the country using locally available equipment and resources to aid learning interventions. Our fees are very competitive.

etc...

Our Approach

**Develop Content in line
with gaps and scope**

Pre& Post Assessment

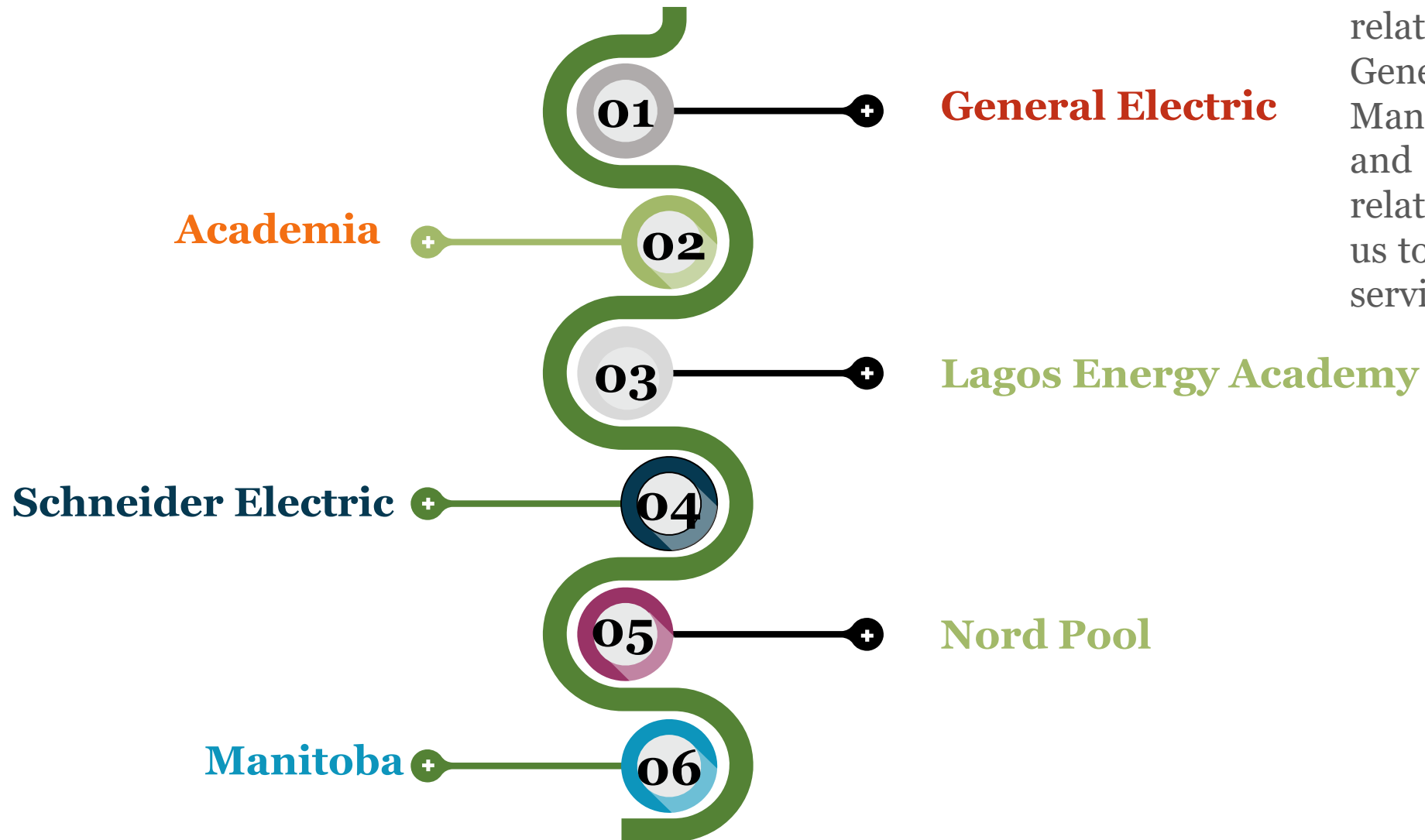


**Identify competency gaps &
Scope of intervention**

**Delivery: Appropriate
Technology**

ETC...

Some of Our Partners



ETC maintains strategic relationships with General Electric, Manitoba, Academia, and others. These relationships empower us to provide world class services to our clients.

Some of Our Product Offerings

1 Basics of Electrical Operations

- ✓ Introduction to Power Systems
- ✓ Components of Electrical Power System
- ✓ Electron Theory
- ✓ Conductors and Insulators
- ✓ Storage Battery
- ✓ D.C. Circuit with Resistances
- ✓ Magnetism & Electromagnetism
- ✓ Measuring Instruments
- ✓ Standard Protection Code

2 Electrical Theories, Apparatus & Protection

- ✓ Inductance And Inductive Reactance
- ✓ Capacitance And Capacitive Reactance
- ✓ A.C. Parallel Circuit Containing R, L and C
- ✓ Three Phase Systems
- ✓ Transformers
- ✓ Single Phase Power: Construction; Principles of operation
- ✓ Switches & Circuit Breakers

3 Substation Equipment

- ✓ Electrical Substation Operations
- ✓ Operating Diagrams
- ✓ Control Circuits
- ✓ Current Carrying Capacities
- ✓ Interlocks: Electrical and Mechanical
- ✓ Schedule Outage

4 Protection Systems

- ✓ Relay Protection
- ✓ Earthing and Grounding of Electrical Equipment
- ✓ Protection Guarantee

5 Safety

- ✓ Safety Techniques In Substations And Switchyards Operations
- ✓ Fire Safety
- ✓ First Aid

ETC...

Some of Our Product Offerings (contd)

1 Electricity Supply System Basics

- ✓ Electricity flow: Generation, Transmission & Distribution
- ✓ Technical Operational Terms, Concepts and Equipment
- ✓ Features of Distribution Lines / Feeders
- ✓ Connections: Single Phase / Three Phase
- ✓ Transformer Overloading and Load Shedding

2 Introduction to Commercial Operations

- ✓ I.E Market Profile
- ✓ Key Performance Indicators for Commercial
- ✓ Energy Market and Regulatory Environment
- ✓ Customer Mix
- ✓ Commercial Initiatives being Implemented

3 Energy Audit Measurement

- ✓ Introduction to Energy Audit
- ✓ Energy Measurement
- ✓ Energy Consumption Evaluation
- ✓ Evaluation of ATC&C Losses
- ✓ End-to-End Energy Audit

4 Billing Operations

- ✓ Information on the Bill
- ✓ Identifying Errors on the Bill
- ✓ Billing Operations and Timelines
- ✓ CRMD and its importance
- ✓ Tariff Classification
- ✓ ESR Performance Report

5 Revenue Collection Management

- ✓ Essentials to watch out before Bill Delivery
- ✓ Bill Samples
- ✓ Tips on Bill Delivery
- ✓ Revenue Collection
- ✓ Revenue Collection Performance Measurement

6 Metering & New Service

- ✓ Classifications and Types of Meters
- ✓ Features and Components of Meters
- ✓ Working Principles of Energy Meters
- ✓ New Service Metering Process
- ✓ Identifying Energy Theft
- ✓ Errors on Prepaid Meters
- ✓ Smart Metering

7 Commercial & Collection Losses

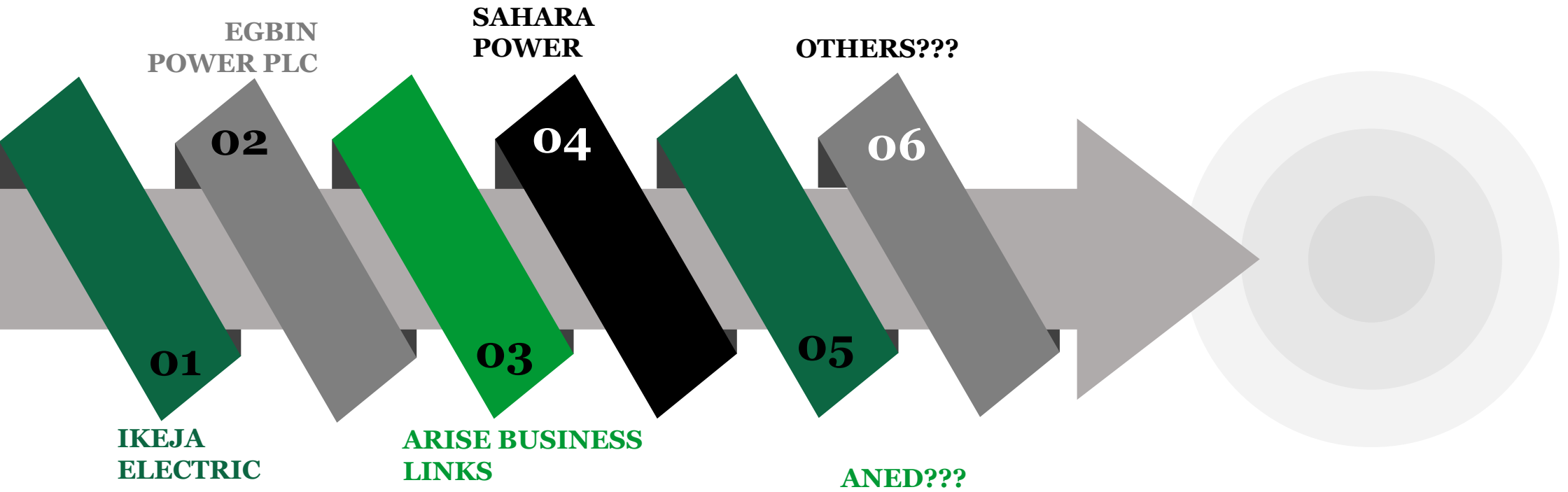
- ✓ Commercial Operations
- ✓ Collection Activities
- ✓ Types of Losses
- ✓ Strategies for Loss Reduction
- ✓ ESRs Responsibilities in Loss Reduction

8 Meter Reading

- ✓ Assessing Customer Energy Consumption
- ✓ Estimated Billing
- ✓ Coding Customers
- ✓ Prime Customers
- ✓ Maximum Demand Billing
- ✓ Meter Reading Checklist, Bill Card, Folio
- ✓ Pre-Billing Report
- ✓ Data Capturing/ Interpretation

etc...

Some of our Clients



etc...

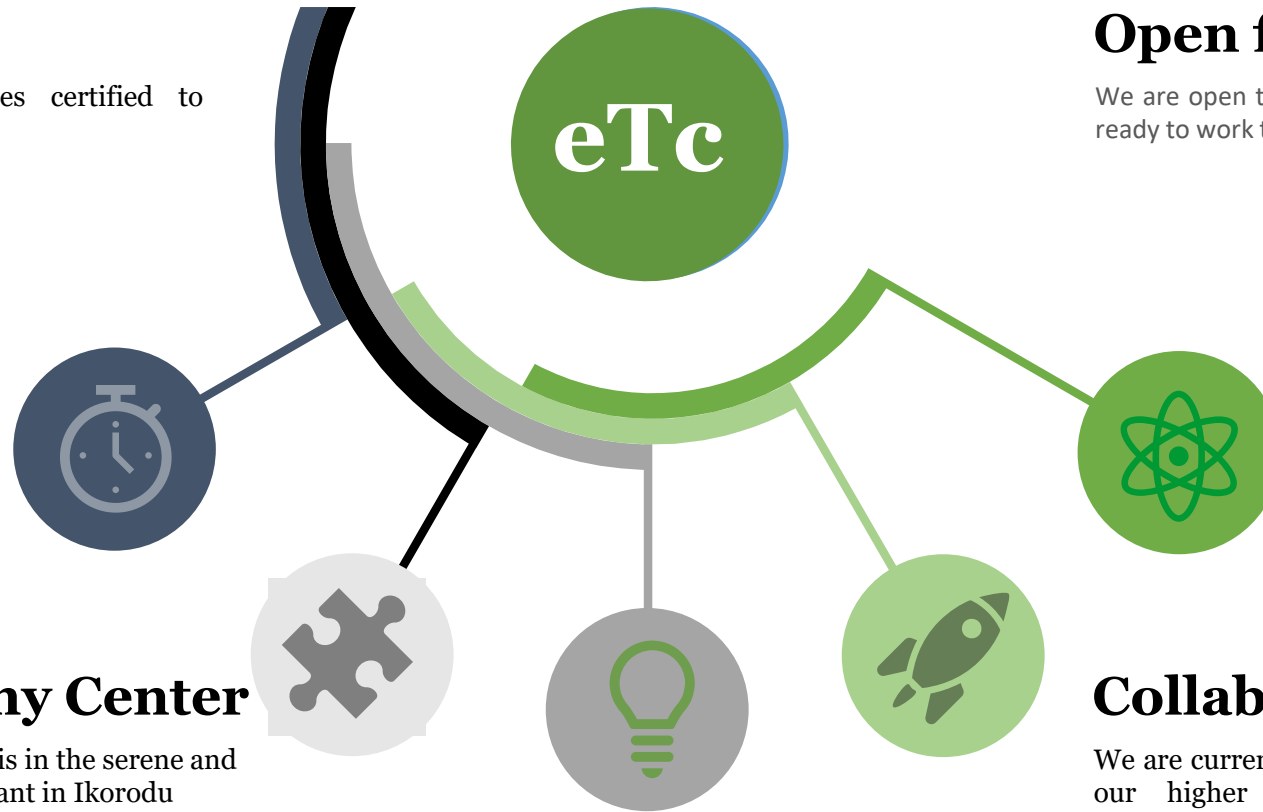
What Next?

ISO 9001

Working on getting our processes certified to international standards.

Open for Business

We are open to discuss your training needs. And are ready to work through ANED



Learning Academy Center

eTc's plan for our Learning Academy is in the serene and quiet environment of Egbin Power Plant in Ikorodu Lagos state. The environment is conducive to learning and is accessible by road and by water. The center will also provide accommodation for longer duration trainings such as the Graduate Training Programs and Young Engineers Program.

Collaboration

We are currently working with GE to get some of our higher level courses on a Learning Management System that will be open and accessible to all of our participants.

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*Thank
you*

