

ETC...

energy
training
centre

Re-skilling and Up-skilling Capacity for Energy Transition



Introduction

Nigeria can be carbon neutral by 2060

Nigeria's net-zero pathway will result in significant net job creation with up to **340k** jobs created by **2030** and up to **840k** jobs created by **2060** driven mainly by the Power, Cooking and Transport sectors.

Ongoing energy transitions and decarbonisation efforts will bring profound shifts in the sector's employment, including massive new opportunities for job creation in clean energy. At the same time, traditional energy sectors will experience declining job opportunities. In most cases, this will require the development of both new programmes of education, certification and vocational training along with targeted upskilling or reskilling programmes for the existing workforce.

Key Sectors in the Energy Transition Plan

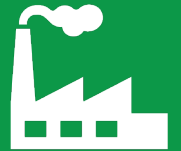
Power



Oil & Gas



Industry



Transportation



Cooking



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Some Green Collar Jobs

High-level Skills

- Carbon Reduction Manager
- Gas & Energy Coordinator
- Gas Management Service Specialist
- Gas Supply & Technology Engineer
- Energy Manager
- Energy Auditor
- Environmental Specialist
- Water Management Specialist

Mid-level Skills

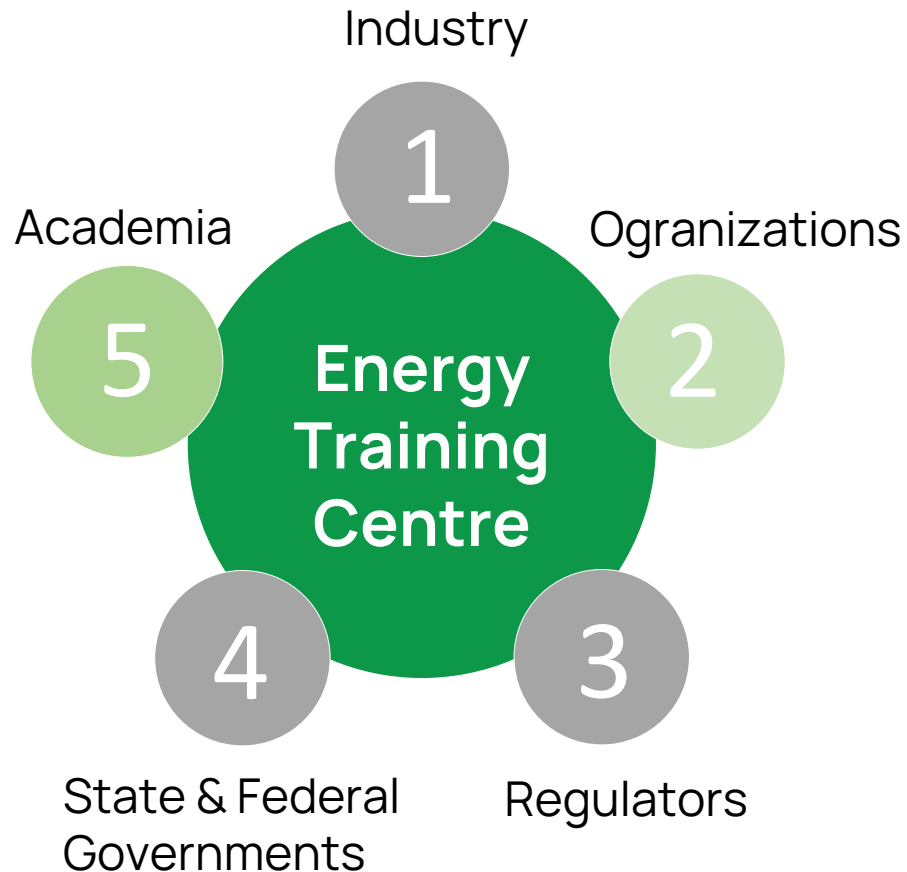
- Project manager
- Environmental Lawyer
- Climate Scientist
- Waste Reduction Consultant
- Energy Lawyer
- Account Manager
- Green Data Analyst
- Wind Power Engineer

Low-level Skills

- HVAC Technician
- Recycling Coordinator
- Refuse Collector
- Solar Technician
- Wind Power Technician
- Battery Technician
- Electric Meter Relay Technician

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ETC's Approach



- 1.** We work with the industry to help develop and design up-to-date curriculum and competencies.
- 2.** We work with Organizations like GIZ & USAID to deliver interventions in Nigeria.
- 3.** We work with Regulators and Associations like MAN, APGA, REAN, NCDMB to develop content, curriculum & policies for the sector.
- 4.** We partner with State & Federal Governments for policy developments, state projects & competency development.
- 5.** We collaborate with the Academia to deliver and design industry relevant curriculum for students



Conclusion

Even though clean energy sectors are set to grow rapidly over the next decade, companies may face a lack of skilled workers that match the skillsets needed. This will require the development of completely new programmes of education, certification and vocational training, in other cases, it means targeted upskilling or reskilling for the existing workforce.

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