

Career Readiness Skills

Nigeria's Energy Industry in Focus

What is a Skill?

A skill is the **ability** that is usually gained through **training, experience, or practice** that enables a person to, **effectively**, perform a task.

Non-Technical/Behavioral

Technical/Job/Industry Specific

TOP NON-TECHNICAL SKILLS



Adaptability and Flexibility



Leadership



Problem-Solving & Critical Thinking



Emotional Intelligence



Result Orientation



Effective Communication

TOP TECHNICAL SKILLS – ENERGY INDUSTRY FOCUSED

Strategy

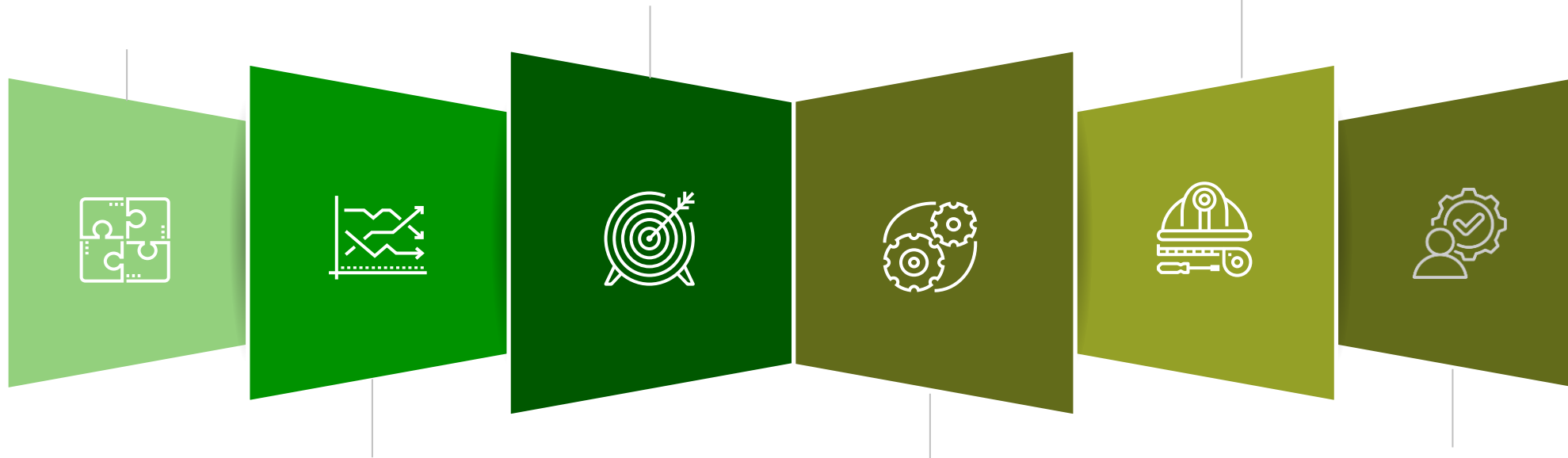
- Market analysis & competitive intelligence
- Business process design & re-engineering
- Digital transformation tools
- New product development & commercialization

Project Management and Execution

- Project planning & scheduling
- Risk analysis & mitigation planning
- Cost control & budgeting for energy project
- Procurement & contract management

HSSE, Risk Management & Regulatory Compliance

- Local/international regulatory frameworks (DPR, NESREA, ISO 45001/14001)
- Emergency response planning
- Incident investigation & reporting
- Environmental risk assessment & mitigation



Quality & Operational Assurance

- Product quality testing & certification (fuels, lubes, LPG)
- ISO standards (ISO 9001, ISO 17025)
- Asset integrity & reliability engineering
- Process optimization & lean methodologies
- Auditing & compliance checks

Equipment Design & Instrumentation

- Mechanical/electrical design
- CAD & engineering software
- Instrumentation calibration & control systems
- Predictive maintenance technologies

Sustainability – ESG Frameworks & Emission Reduction

- ESG reporting & data analysis
- Carbon accounting & emission tracking
- Renewable energy integration (solar, biofuels, CNG/LNG)
- Life Cycle Assessment & sustainability metrics
- Waste & water management in energy operations