



COMPANY **PROFILE**

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CHAIRMAN MESSAGE

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



Geo. Mohamed
Abd El-Ghany
Chairman

Finding success and inspiration, **PetroEdge Africa** began to form an idea that required the work of a few committed and experienced individuals. Together they would contribute to the development of society and raise awareness about the lifelong learning capacity in all of us.

In 2019 **PetroEdge Africa** was formed, a consultancy specializing in educational management and youth leadership.

Our team understands that school and youth leaders, educators, youth, and parents are the foundations for community. We also know that positive social change can be motivated and inspired by attending to their knowledge, attitudes, skills, and values. With this in mind, we have branched out to include

a large number of educational, motivational, and training services, all geared towards building a life worth living.

We believe in customizing and developing specific solutions through a collaborative process designed to identify a client's needs, requirements and objectives.

The unique approach combined with the strong faculty of experts, competent trainers, and multilingual facilitators puts our lab in the position to spur the progress of establishment.

Through years of experience working with different industries, we truly understand the current companies' training needs. Companies no longer needed a theory-based training but

a practical training with applicable knowledge. We believe that training does not stop at preaching in front of a whiteboard. We stress on hands on application, real LIVE experiences and FRONT end technology.

COMPANY BACKGROUND

Our curriculum includes introductory to advanced training in key disciplines including Geology, Geophysics, Petrophysics, Drilling, Reservoir, Production, Facilities, Management, and Economics. We also offer software and workflow training courses and programs using well-known industrial software tools including Petrel, Techlog, ECLIPSE, and OFM.

PetroEdge Africa is organizing geological, and exploration field trips whereas it is being introduced to E&P professionals from disciplines. Field trips illustrate the key concepts and principles of Geology as applied to the Oil & Gas industry. Our instructors with more than 30 years of experience delivering training to E&P companies in over six countries, **PetroEdge** understands your training challenges and has solutions to match your specific needs.

The core of our business is to introduce fully comprehensive and advanced full suite of training courses in upstream oil and gas industry disciplines as well as surface facility and midstream training for operators and technicians. Provide training on industry-leading software tools.

We offer training and learning lab that are tailored to provide solutions to help increase the productivity, performance and profitability of the manufacturing, oil & gas, property and services related businesses and organization.



COMPANY BACKGROUND

1

Exploration

- Prospect generation.
- Prospect review and evaluation.
- Prospect risking.
- Subsurface structural mapping.
- Well log correlation.
- Petrophysical analysis.
- Isochore/ isopach mapping.
- Petroleum systems analysis.
- Sedimentology and sequence stratigraphy.
- Basin analysis and characterization.

2

Seismic

- 2D and 3D seismic acquisition planning.
- 2D and 3D Seismic interpretation.
- Seismic reprocessing supervision.
- Synthetic seismograms.
- Isochron mapping.
- Attribute analysis.

3

Development

- Subsurface structural mapping.
- Bubble maps.
- Well log correlation.
- Petrophysical analysis.
- Oil and gas reserve estimation.
- Volumetric mapping.
- Isochore/isopach mapping.
- Geological prognosis and drilling planning.



BUSINESS STRATEGY

We will provide inspiring training that motivates individuals to achieve their full potential thereby helping our Client's achieve their corporate goals.

We will work in partnership with our Clients ensuring that courses we offer are specifically designed and thoughtfully adapted to suit their learning and work-place outcomes.

Referral business is the best type of business to have - therefore we will treat our Client's with the highest levels of care and respect at all times.

Provide timely and structured learning experiences, operational training, and career development programs to all Client employees to improve and maintain job performance to support the stated corporate business goals.

The utilization of accumulated expertise, know-how and the dynamics of its partnerships, will allow the company to positively respond to the challenges of our times and provide expert, state of the art solutions that lead straight to the point of its customer needs.



VISION

Our vision is to be the finest, world-class, most preferred accredited training provider.

MISSION STATEMENT

Our mission is to ensure that all training or developmental activity we undertake will have a positive impact on the future performance of our Client's businesses.

We want to empower people to become the best they can be by using the correct tools for the job.

VALUES/ APPROACH

Since commencing business in 2019 we are continuously improving our training and services by incorporating innovative methodologies that provide positive outcomes for all participants.

OUR SERVICES AND PRODUCTS ENCOMPASS:



CONTENT CREATION

Assess industry development & identify new course.
Prepare course material & delivery through multiple channels.
Continuously audit & upgrade existing courses.

SOLUTION DEVELOPMENT

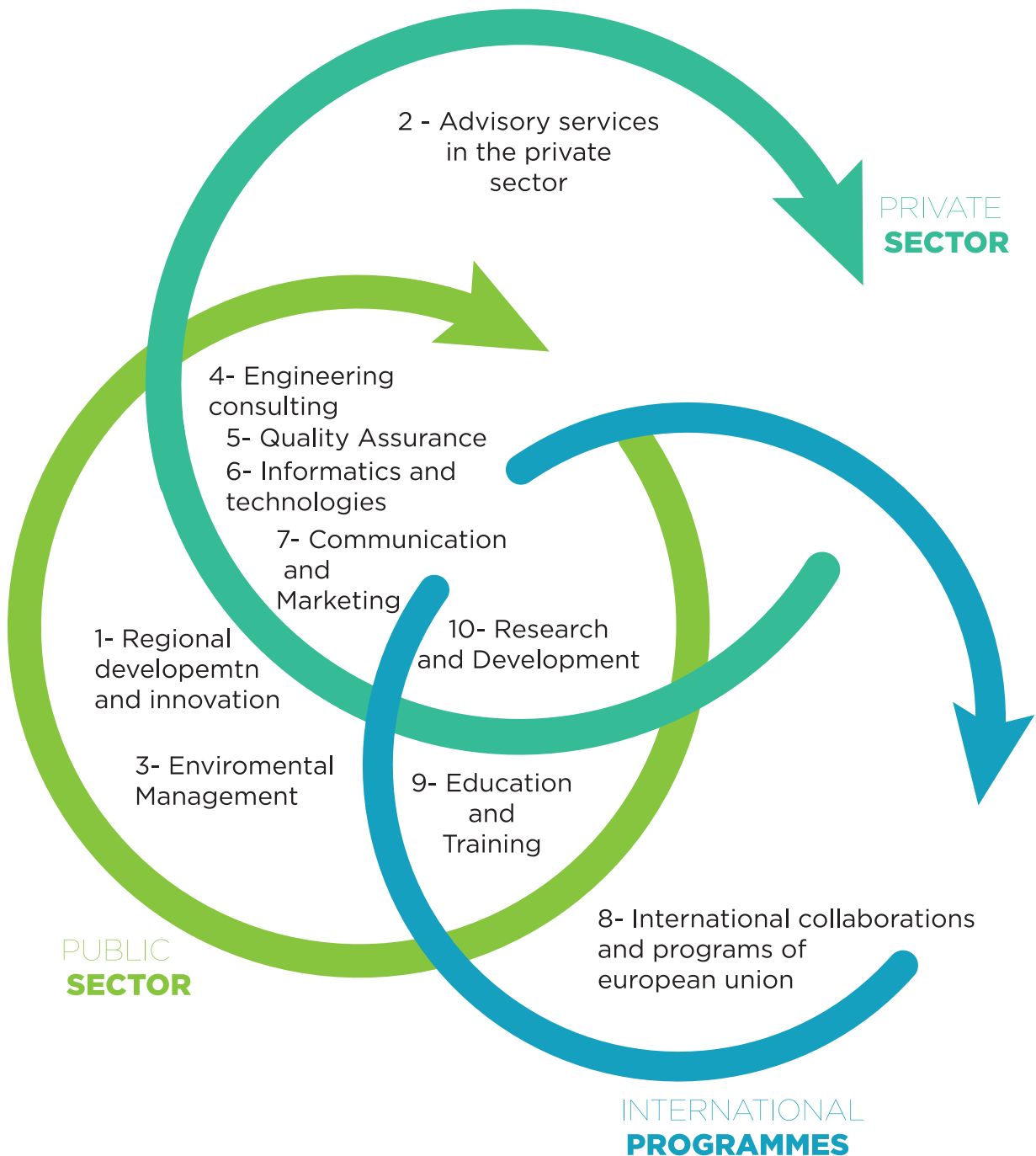
Identify & Analyze customer needs.
Design solutions aligned to industry standards.

DELIVERY

Host workshops.
Evaluation of candidates.
Obtain feedback & customer satisfaction score, provide inputs in solution development program.

VALUES/ APPROACH

We understand that learning solutions need to be highly flexible to improve individual and organizational performance. For this reason, we build strong relationships to understand and meet our client's needs. Based on those relationships, our experienced team deploy training how, when and where our clients need it.



| ALLIANCES



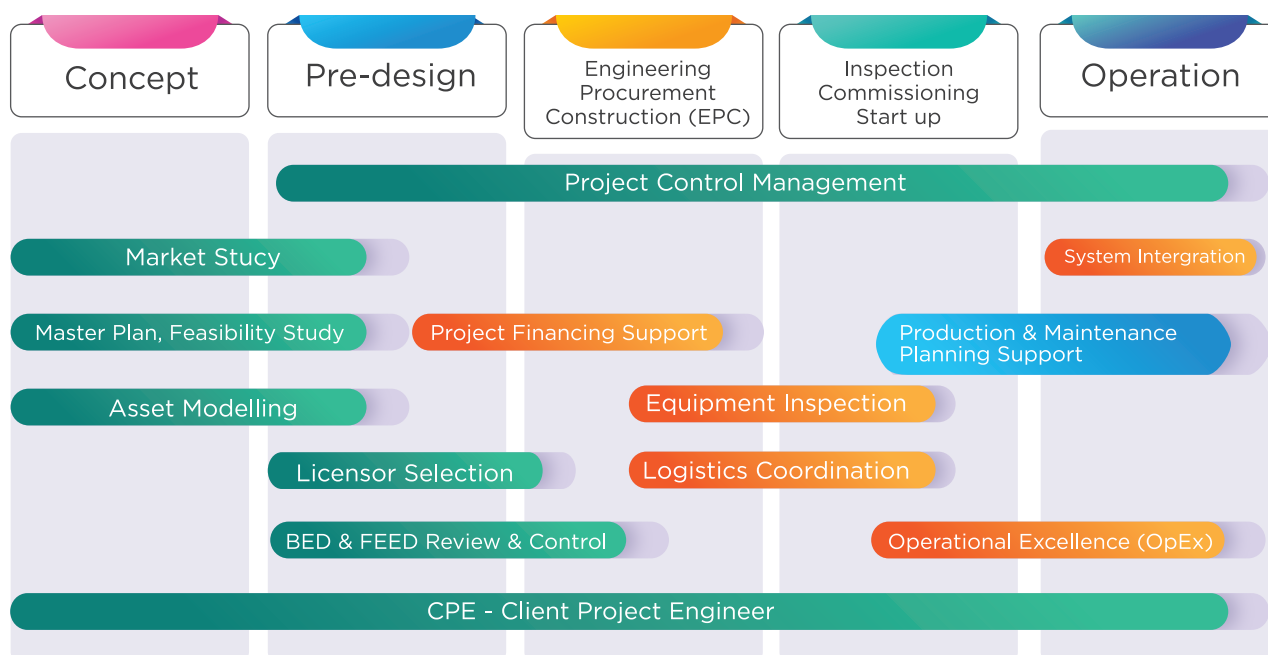
SERVICES WE OFFER

PetroEdge Africa is providing consultancy services in the following areas:



SERVICES WE OFFER

We help companies involved in several subsectors of the oil and gas industry, including:



TRAINING FOCUS

PetroEdge will also ensure that your employees are aware that their input into the training is vital at the every stage. Our aim is to design a program for each person’s specific needs, which supports their job role and ensures they remain motivated, thus helping you to maximize the return on your investment.

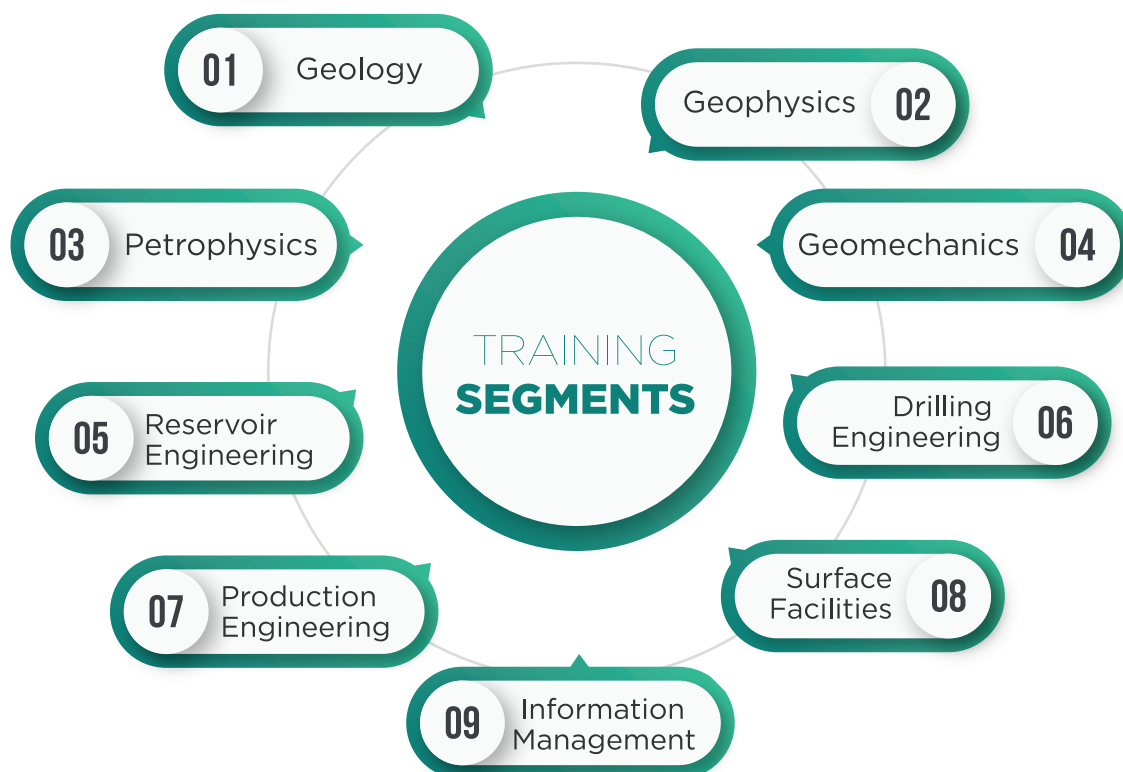
Benefits of Workforce Development through Training & Certification



Training courses would be delivered in the following forms:



TRAINING FOCUS



CONSULTANCY FOCUS

Our upstream oil and gas consulting team is dedicated to serving clients across every segment of the upstream, exploration and the supply chain, utilizing our deep research capabilities to provide strategic commercial advice. We work with a wide-range of upstream participants striving to enhance their competitive positions and secure greater future certainty. Our clients include E&P operators seeking to rationalize portfolios and capital commitments, those in the supply and service sector under pressure to do more for less and governments looking to resolve the dilemma of preserving cash flows while offering fiscal terms generous enough to attract new inward investment.

We provide strategic clarity by answering your most critical questions:

- What is the competitive positioning of my company or my asset base?
- Is my portfolio robust to changes in the external environment?
- What are the strategic options for my business?
- What are the key success factors to drive value creation in my business?
- What market entry/exit/portfolio strategies are appropriate?
- What is the fair market value of my portfolio or of a potential acquisition?
- Are the fiscal terms for my asset base optimal for driving future investment?

CONSULTANCY FOCUS

Personnel Services Include:

Wellsite Supervisors & Consultants:

- Drilling
- Completions
- Production
- Frac Supervisors & Consultants

Engineering Consultants:

- Drilling
- Completions
- Production
- Reservoir
- Frac Engineers



CONSULTANCY FOCUS

Safety & Project Management Personnel

Consulting Services Include the following services

Upstream

- Reservoir Engineering
- Drilling Operations Management
- Digital Oil Field
- Upstream Data Management
- Production Optimization
- Production Surveillance
- Hydrocarbon Accounting & Production Reporting
- Petrotechnical Support and Integration
- GIS Solutions

Midstream

- Pipeline Scheduling and Optimization
- Pipeline Integrity Management
- Integrated Asset Management
- Energy Trading and Risk Management

Downstream

- Integrated Refinery Information System
- Transportation and Logistics



EXPLORATION SERVICES

PetroEdge Africa can provide senior consultants with international experience to manage exploration projects and / or dedicated multi-disciplinary project teams to manage work programmes for our clients. We have expertise in the management (survey design - procurement - supervision - interpretation) of regional exploration operations, including field geological reconnaissance, airborne and ground geophysical and geochemical surveys and seismic operations.

Geology

PetroEdge Africa personnel are experienced at regional and basin scales and have undertaken many studies to quantify the exploration potential of particular areas. A special expertise has been developed in basin modelling and source quantification techniques. Typical projects include regional acreage appraisals and detailed prospect evaluations for license application, prospect risking and ranking and planning for exploration drilling. Our projects are routinely delivered in GIS format (using industry standard ESRI software).

Geophysics

PetroEdge Africa can offer the integration of remote sensing, potential field, regional 2D seismic and high resolution 3D seismic datasets by multi-disciplinary teams. We are able to assist our clients on both exploration, appraisal and development studies. Our team has worked on exploration projects in many parts of the world, in diverse geological settings, and our geophysicists are experienced in interactive seismic interpretation techniques being familiar with the major commercially available interpretation systems. Our geoscientists are also skilled in traditional paper based methods, which is particularly important when working at regional scales. The range of experience covers regional scale exploration studies for acreage appraisal and license applications to high resolution 3D field development projects. Our geophysics expertise also includes rock physics, with specialist knowledge and experience in the use of seismic attributes to provide both qualitative and quantitative interpretation. The team is further supported by a network of associates providing specialized support in areas such as seismic processing and processing QC, gravity & magnetics, survey planning QC and field operations.



EXPLORATION SERVICES

Petrophysics

PetroEdge Africa associates can provide:

- Advice on logging and coring programs that optimally suit the needs of our clients.
- Detailed quality control: at the well site and or the interpretation centers
 - Quick look evaluation in real time
 - Post Drilling petrophysical analysis as either a standalone service or as part of an integrated exploration / reservoir study
- Log data - core data integration
- Reservoir Engineering and Field Development

PetroEdge Africa offers reservoir and production management support to upstream oil and gas industry based on extensive analytical research and development. PetroEdge Africa provides specialist consulting services in all areas of upstream oil and gas industry from subsurface through facilities and commercial to economic valuation. The following range of services can be fully tailored as per client requirements.

- Integrated field development and management studies
- Reservoir Engineering - from simple reservoir simulation through compositional simulation modelling to EOR studies
- Material Balance Studies
- Pressure Transient Analysis
- Well Testing Design, Interpretation and Operations Support
- Reserves, Uncertainty and Risk Analysis
- Formation Evaluation
- Integrated production system modelling
- Production Engineering and Optimization
- Reservoir and Production Network Monitoring





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