



Institute for Capacity Development (ICD)

Number 5 Conradie Street, Kara Properties| P O Box 10193, Khomasdal, Windhoek, Namibia|
Phone: +264-61-401445 |Cell: +264816303279, +264813866883 |Fax: +264-61-401446 |E-mail: coordinator@icdtraining.com

Energy Regulation Training

Course Objectives

Upon successful completion of this course, participants should be able to:

- Regulate monopolies and competitive activities
- Interpret regulatory models and the restructuring process of the electricity and gas sectors
- Compare different approaches to the regulation of transmission and distribution networks as natural monopolies
- Classify regulatory and technological challenges for the widespread inception of retail markets
- Map and prioritize different regulatory issues

Target Groups

- Regulatory Authorities
- Engineers
- Geologists
- Quantity surveyors
- Agricultural Officers
- Energy planners

Course Outline

- General management principles and practises
- Renewable and nonrenewable energy sources
- An overview of energy utilisation
- Energy Planning and sustainable development
- Energy auditing
- Strategic energy plans and targets
- Energy costs
- Energy efficiency
- Energy regulation and energy policy - The landscape
- Legal framework for energy
- Markets and consumer protection and future energy systems
- Introduction to Gas Markets and Grids
- Introduction to Electricity Markets and Grids
- Regulating electricity and gas monopolies and the link between energy and competition policies
- Electric power and gas systems: Structure, organisation and functioning
- Principles of regulation and competition
- Models of regulation. Restructuring of the electric power and gas industries
- Regulatory institutions and national regulatory authorities
- Regulatory economics: Monopolistic activities and approaches to price control
- Regulatory economics: Competitive activities

- Quality of service in electricity and gas
- Energy systems and the environment
- Traditional regulation of energy utilities
- Electricity transmission and distribution networks
- Gas networks
- Electricity markets: wholesale and retail
- Gas markets: wholesale and retail
- Tariff design
- Environmental regulation
- Action Planning

Dates: 18th - 29th July 2022

Cost: US\$3250 per delegate

Duration: 2 weeks

Venue: Windhoek, Namibia