

# **ENERGY ECONOMICS AND PLANNING PROGRAMME**

## **INTRODUCTION**

Energy economics has increasingly become an important area of study for both developed and developing economies. It has become a truly global subject. It is a broad field of study related to the supply and consumption of energy in societies. It encompasses the study of energy resources and commodities and their supply and demand. The underlying forces motivating firms to supply, convert, transport, use energy resources and dispose of residuals are also extensively studied.

Energy economics revolves majorly around energy policy. Energy policy is a method for addressing issues of energy production, distribution, and consumption. Various attributes of energy policy include energy conservation, taxation, etc. Energy and appropriate management of it is critical to a developing economy for its manufacturing, transportation and delivery functions.

This AMADI Institute course will empower you with an in-depth understanding and detailed knowledge of energy economics. The skills and experience gained will help you assume higher roles and responsibilities, thereby providing you with the required capabilities for career growth and progression.

## **COURSE OBJECTIVES**

The main objective of this Energy Economics and Planning Management training program is to empower participants with—

- detailed information and knowledge of energy economics
- the required awareness and understanding of international standards and concepts that could be applied for organisational development and operational enhancement
- the necessary skills and experience to train other professionals regarding best practices of energy economics
- the experience and exposure to address appropriate aspects of climate change, energy policy, etc.
- the required analytical skills to accurately assess supply and demand
- the skillset and capabilities to work with various energy models to increase efficiency and overall delivery
- the experience and expertise to assess risks and challenges and make changes for effective resolution and risk mitigation
- the overall skill set and capabilities to effectively manage the energy economics for your organisation, thereby demonstrating potential and talent and increasing opportunities for career growth and progression

## **COURSE BENEFITS AND IMPACT**

By professionals undertaking this Energy Economics and Policy Masterclass course, their respective organisations will derive the following benefits:

- Better management of energy economics by trained and experienced professionals
- Effective Risk Assessment, analysis, and mitigation through detailed analysis by the trained experts
- Better prediction and assessment of energy demand and supply to reduce wastage and increase profits, thereby contributing to organisational growth and development
- Higher client satisfaction because of a good balance between supply and demand, preventing a delay in delivery to the customer
- Application and implementation of advanced concepts and energy models to increase efficiency and productivity within the organisation
- Regular training of employees on best practices and advancements in the field of energy economics
- Increased credibility because of adherence to international standards and concepts of energy supply and distribution, leading to increased investments and, ultimately, growth of the organisation

### **WHO SHOULD ATTEND?**

- Executives and managers responsible for managing energy economics
- Policymakers involved in the creation and implementation of energy policies through the organisation
- Senior managers and directors of an organisation who need to understand energy economics and its potential in detail
- Financial analysts and officers involved in the financial aspects of energy economics
- Strategists and analysts responsible for performing detailed and accurate demand and supply analyses for the organisation
- Auditors and quality checkers responsible for ensuring the quality of operations while managing the costs of the organisation
- Any other professional interested in knowing more about global energy economics

### **COURSE OUTLINE**

The major areas of study for this course are the following:

1. Principles of Energy Economics
2. Key Areas for Energy Economics
3. Types of Energy Resources
4. Global Energy Markets
5. Sources of Energy and their Global Utilisation
6. Energy Planning Principles
7. Energy Models
8. Risks Impacting Energy Economics

### **TRAINING VENUES AND FEES**

1. Johannesburg/Pretoria – South Africa – US\$2450 (1 Week), US\$3350 (2 Weeks)
2. Ezulwini – Eswatini - US\$2350 (1 Week), US\$3250 (2 Weeks)
3. Kigali – Rwanda - US\$2450 (1 Week), US\$3350 (2 Weeks)
4. Dar es Salaam – Tanzania - US\$2450 (1 Week), US\$3350 (2 Weeks)

5. Dubai – United Arab Emirates - US\$2850 (1 Week), US\$3950 (2 Weeks)