



**“What is a just, orderly and equitable transition?”: Energy Audit and Management for Companies**

**1. OBJECTIVES**

The COP28 Summit has for the first time reckoned the issue of fossil fuel as the root cause of climate change. Countries agreed to “transition away from fossil fuels in energy systems in a just, orderly and equitable manner, accelerating action in this critical decade, so as to achieve net zero by 2050 in keeping with the science”.

The aim of this course is to build capacity at the level of professionals in view of ensuring that their companies identify how to engage in a meaningful energy transition through Energy Audit and Management.

**2. DURATION**

The duration of the course is twenty-eight (28) hours, conducted once a week. Two cohorts will be offered to suit your convenience. You may join our sessions on either Fridays from 4.30pm to 8.15pm (Tea Break -15 mins) or Saturdays from 1pm to 4.45pm (Tea Break -15 mins)

**3. CURRICULUM**

The course will consist of the following topics:

Topic	Programme Outline
1	Objectives. Background. Definitions. Fundamentals. Methodology. Interaction.
2	COP28/29: What’s new? Transition, phase-away or phase-out for you? SIDS and local companies. Case-Studies.
3	Energy Management. Sustainability. Company Policy. Institutional and Regulatory Framework, Funding Mechanisms. Case-Studies.
4	Walk through Audit. Case-Studies
5	Level 2 Audit as per ISO 50002 standard. Case-Studies
6	Understand the economic aspects of energy management, Net Present Value and Internal Rate of Return
7	Metrics. ISO 50 000 series. Mitigation: quantitative and qualitative analysis. Monitoring and Evaluation. Reporting. Case-studies.
8	Net Zero Targets. NDCs. Multicriteria Analysis. Local Context and Sustainable Energy Management Programmes. Feedback.

**4. VENUE & FACILITIES**

The training programme will be conducted in Room 2.20, Sir E. Lim Fat Engineering Tower, University of Mauritius. Course materials and support documentation will be provided.

**5. TRAINING METHODOLOGY**

The course will be conducted in the form of lectures, case studies depicting real situations and interactive question-answer rounds for the benefit of the participants at the end of each day.

**6. CERTIFICATE**

A Certificate of Attendance will be issued by the University of Mauritius to the participants at the end of the short course (at least 80% of the course content of the training).

**7. WHO SHOULD ATTEND?**

Supervisors, Technicians, Facility Managers, Project Managers, Engineers, Accountants and Architects as well as entrepreneurs with no prior qualifications required to be able to enrol. Fresh degree and diploma-holders are also welcome to join to boost their competencies in an area of interdisciplinary relevance in view of future employment.

*Number of seats available for this course: 12*

**8. TRAINING/REGISTRATION FEES**

*Rs. 21,000 per participant including tea breaks and training materials.*

**9. TRAINERS**

Prof (Dr) Khalil Elahee and Assoc Prof (Dr) Abdel Khoodaruth at the Mechanical & Production Engineering Department (University of Mauritius), will be the resource persons for this course.

**10. STARTING DATE**

*Saturday 15 March 2025 (Tentative).  
Deadline for Application & Payment: 7 March 2025*

**NOTE: The short course is MQA approved**

**APPLICATION FORM**

**“What is a just, orderly and equitable transition?”: Energy Audit and Management for Companies**

Name of Participant:

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Office Address: .....

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Off Tel: ..... Fax: .....

Mobile Tel: .....

Email: .....

Signature: .....  
of Participant

Organisation : .....

Position : .....

Date : .....

N.B. Payment can be effected in cash, card (at the Finance Section, UoM) or cheque. Cheque to be drawn to the order of University of Mauritius and crossed. Personal cheques will NOT be accepted.

Application forms duly filled in should be sent to the following address.

Dr A.Khooaruth (a.khooaruth@uom.ac.mu)  
or Prof Dr K. Elahee (elahee@uom.ac.mu)  
Mechanical and Production Engineering Dept.  
Faculty of Engineering  
University of Mauritius, Reduit.

*N.B. The University of Mauritius reserves the right not to run the training course should the number of participants be insufficient. Seats will be available for 12 participants and these will be allocated on a “first come first serve” basis.*