



UNIVERSITY of
RWANDA

AFRICAN CENTER OF
EXCELLENCE IN ENERGY FOR
SUSTAINABLE DEVELOPMENT



Transforming Energy Access
LEARNING PARTNERSHIP



Call for Applications

Short Training Courses: Local Solutions for Energy Access

Organized by: African Centre of Excellence in Energy for Sustainable Development (ACE-ESD), University of Rwanda – College of Science and Technology

The African Centre of Excellence in Energy for Sustainable Development (ACE-ESD) at the University of Rwanda invites applications for a comprehensive short training course: **“Local Solutions for Energy Access”**

The courses is designed to provide practical, hands-on training to tackle Africa's energy challenges by equipping participants with technical expertise, innovative problem-solving skills, and real-world application experience.

1. Course Overview

This course provides an in-depth understanding of distributed renewable energy systems, energy demand assessment, and community engagement strategies. Participants will explore practical business models, financing options, and environmental stewardship for sustainable energy projects.

2. Why Enroll in This Course?

- **Hands-On Training:** Practical projects and simulations to apply learned concepts.
- **Expert Instruction:** Learn from experienced academics and industry professionals.
- **Networking Opportunities:** Engage with peers, experts, and energy sector leaders.
- **Flexible Schedule:** Four weeks of training spread over six months to accommodate diverse schedules.
- **Certification:** Earn a professional certificate upon successful completion.

3. Who Should Apply?

The courses are ideal for:

- **Masters students (cohort 5,6,7) at ACEESD**
- **Researchers:** Those interested in distributed energy systems or renewable energy technologies.

Proposed Dates and Course Delivery



Course	Start Date	Training Weeks (Seminars)	Mode of teaching
Local Solutions for Energy Access	April 15th, 2025	<ul style="list-style-type: none"> - 26th to 28th April, 2025 - 5th to 7th May, 2025 - 26th to 28th May, 2025 	Physical at ACE-ESD

Key Course Modules

Local Solutions for Energy Access:

1. **Distributed Energy Systems (DES):** Overview, technical aspects, trends, and cost considerations.
2. **Demand Assessment and Community Engagement:** Tools and strategies for socio-economic evaluations.
3. **Business Models for Energy Access:** Designing effective business strategies for sustainable energy solutions.
4. **Finance for the DRE Sector:** Exploring innovative financing mechanisms and risk management.
5. **Policy and Regulation:** Understanding energy access policies and regulatory frameworks.
6. **Environmental Stewardship:** Applying life cycle analysis and promoting circular economy principles.

Assessment and Certification

Participants will be assessed based on:

- Assignments and exercises (20%).
- Group project and presentation (50%).
- Participation in workshops and discussions (30%).

Certification: Participants who complete the courses will receive a **Certificate of Achievement** from the University of Rwanda – ACE-ESD.

How to Apply

Applicants must submit:

Applications Letter and should be sent to ufiteyezuem@yahoo.fr, copy to: b.munyazikwiye@ur.ac.rw with the subject line: **Application for Local Solutions for Energy Access**

Application Deadline: February 25, 2025



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Contact Information

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African Center of Excellence in Energy for Sustainable Development (ACE-ESD)
University of Rwanda – College of Science and Technology

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Take the first step in advancing your expertise in energy solutions. Join us and drive sustainable energy access for communities across Africa.

Apply now!