



Co-funded by the  
Erasmus+ Programme  
of the European Union



**READ**

Renewable Energy Advancement  
for Inclusive Development in  
Sub-Saharan Africa

# Transforming Higher Education to Power Africa's Green Future

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READ is EU Erasmus+ CBHE project co-funded by the EU in strengthening renewable energy education, research, and capacity building across Sub-Saharan Africa.

## ABOUT THE PROJECT

### Why READ?

Across Sub-Saharan Africa, the energy transition is no longer optional, it is essential for economic resilience, climate adaptation, and inclusive growth. Yet many higher education institutions lack the academic programs, applied research capacity, and skilled professionals needed to lead this transformation.

READ responds to this gap by strengthening renewable energy higher education systems, aligning academic training with labor-market needs, and empowering universities to become drivers of green development.

READ bridges education, innovation, and policy to accelerate Africa's clean energy transition.





### Our Mission

To advance renewable energy education and applied research in Sub-Saharan Africa by modernizing curricula, building institutional capacity, strengthening academia-industry linkages, and supporting evidence-based energy policy for sustainable development.

## What Read Project Delivers



### 1. Academic Excellence

- Modernized, market-relevant renewable energy curricula
- New and upgraded undergraduate and postgraduate courses
- Practice-oriented teaching and learning methods

### 2. Capacity Building

- Training of academic staff and technicians
- Institutional strengthening for universities and training centers
- Digital and blended learning solutions for low-bandwidth contexts



### 3. Research & Innovation

- Applied research addressing local energy and climate challenges
- Student-led innovation and problem-solving
- Knowledge exchange between African and European institutions

### 4. Policy & Cooperation

- Evidence-based input to national and regional energy strategies
- Strengthened university-government-private sector collaboration
- South-South and Africa-Europe academic partnerships



# Target Groups

01

**University students** gaining future-ready green skills

02

**Academic staff** enhancing teaching and research excellence

03

**Higher education institutions** modernizing programs and systems

04

**Academic staff** enhancing teaching and research excellence

05

**Energy professionals and technicians** strengthening employability

06

**Policy makers** accessing locally grounded research evidence



## Expected Impact

-  **Skilled graduates aligned with green labor markets**
-  **Stronger universities as hubs of renewable energy expertise**
-  **Improved access to clean, affordable, and resilient energy knowledge**
-  **Enhanced contribution of higher education to climate adaptation**
-  **Inclusive development pathways for fragile and emerging contexts**

READ invests in people, institutions, and systems, laying the foundation for a just energy transition in Africa.

## Geographical Focus

READ is implemented through a multinational and cross-regional consortium spanning Africa and Europe. The project brings together eight higher education institutions across five countries—Somalia, Malawi, and Tanzania in Africa, and Italy and Türkiye in Europe.

The consortium with a focus on regions facing high climate vulnerability, energy access gaps, and skills shortages. By linking

African universities with European academic expertise, READ fosters knowledge exchange, institutional strengthening, and locally grounded solutions.

Through this Africa–Europe collaboration, READ demonstrates how education and research can unlock transformational change, supporting inclusive development and a just renewable energy transition across diverse socio-economic contexts.



## Partnership Approach

READ brings together African and European universities, research institutions, and sector stakeholders through a co-creation model that values:

- Local ownership
- Knowledge exchange
- Institutional sustainability
- Long-term impact beyond project duration

## Global & Regional Priorities

READ aligns with:

### EU Green Deal & Erasmus+ priorities



### Africa's Agenda 2063

### National development and renewable energy strategies

# Sharing Knowledge, Amplifying Impact



## Powering Africa's Future Through Education

READ is more than a project. It is a commitment to knowledge-driven energy transition, African leadership, and inclusive

development, where universities become engines of climate resilience and economic opportunity.



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### Consortium



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