



DALILA - Development of new Academic curricula on sustainable energies and green economy in Africa

Final Conference – University of Dodoma
November 22^o, 2023



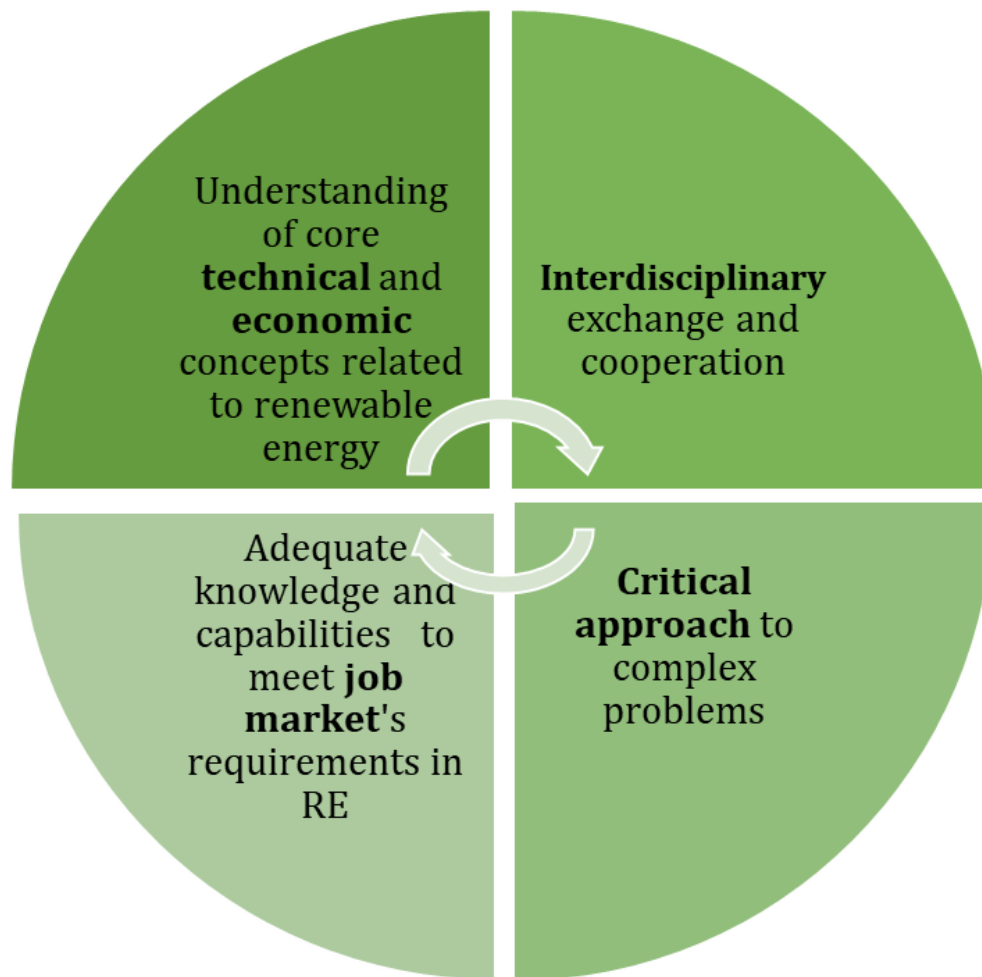
“This project has been funded with support from the European Commission. This publication [communication] reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein”

Main goal!

DALILA aimed to support the **modernization, accessibility** and **market-oriented** of higher education in the Uganda and Tanzania in order to contribute to the development of sustainable and inclusive socio-economic growth (in addition to national ownership, social cohesion, equity, proper geographical balance and diversity).

The main objective of the project proposal was to establish **n. 6 new courses** on “**Renewable Technologies**” and “**Green Business creation and development**”.

DALILA's didactical approach



N. 6 new courses and e-books

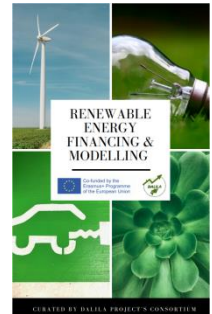


Business and Financial Models for Renewable Energy

The course introduces new and innovative business models in the renewable energy field in the areas of business, economics and administration.

Renewable Energy Financing & Modelling

The main objective of the course is to enhance the understanding of different financial actors and products (equity, loan, bond, leasing structures, guarantees, Islamic financing structure) in Renewable Energy.

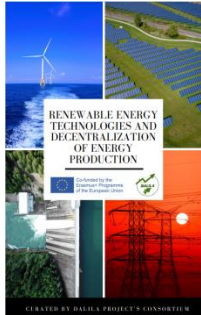


Renewable Energy Enterprises' Management - Support to business and enterprises in RE

The main objective of the course is to give practical information and knowledge about the legal and political framework of renewable energy enterprises' management in the local context and its evolution in the recent past.



N. 6 new courses and e-books

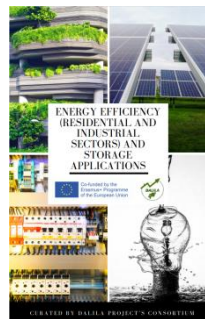


Renewable energy technologies and decentralization of energy production

The course introduces renewable energy and technologies highlighting the working principles of solar PV and thermal, hydro, biomass, wind as well as other renewable energy sources that can be developed in Uganda and Tanzania.

Energy and Sustainable development

The course handles the interrelation of energy, that is renewable and non-renewable with the environment reflecting of the sustainability aspects such as economic, environmental, technical, socio-cultural ones.



Energy efficiency (residential and industrial sectors) and storage applications

The course aims to introduce the concept of energy efficiency and how it may be applied for carrying out all types of energy-dependent activities, such as manufacturing products, heating/cooling buildings.

Students enrolled

UDOM	AY 2021/2022			AY 2022/2023			AY 2023/2024		
	Nuner of students			Nuner of students			Nuner of students		
Title of the Course	Total number	Male	Female	Total number	Male	Female	Total number	Male	Female
Business and Financial Models for Renewable Energy	19	16	3	12	11	1	Next semester		
Renewable Energy Financing & Modelling	19	16	3	12	11	1	16	11	5
Renewable Energy Enterprises' Management - Support to business and enterprises in RE	19	16	3	12	11	1	16	11	5
Renewable energy technologies and decentralization of energy production	19	16	3	12	11	1	Next semester		
Energy and Sustainable development	19	16	3	12	11	1	16	11	5
Energy efficiency (residential and industrial sectors) and storage applications	19	16	3	12	11	1	Next semester		

Innovative training: MOOCs

E-learning Italiano (it)

Dashboard

Home del sito

Calendario

File personali

Deposito dei contenuti

Amministrazione del sito

DALILA MOOCs

Dashboard / Corsi / DALILA MOOCs

Cerca corsi

1_Renewable Technologies and Sustainable Development

Docente: Said Bakari
Docente: Gabriella Calderari
Docente: Katuscia Cipri
Docente: Jose Antonio Clavijo
Docente: Costanza Cucuzzella
Docente: Lucie Greyl
Docente: Javier Leal
Docente: Peter Legemwa
Docente: Jumanne Mtambalike
Docente: Godfrey Sempungu
Docente: Said Vuai
Docente: Giulia Zacchia

2_Business models for Renewable Energy

Docente: Said Bakari
Docente: Gabriella Calderari
Docente: Katuscia Cipri
Docente: Jose Antonio Clavijo
Docente: Costanza Cucuzzella
Docente: Lucie Greyl
Docente: Javier Leal
Docente: Peter Legemwa
Docente: Jumanne Mtambalike
Docente: Godfrey Sempungu
Docente: Said Vuai
Docente: Giulia Zacchia

(WP3) n. 2 MOOCs available on the E-learning page of DALILA website:

1. Renewable Technologies and Sustainable Development
2. Business models for Renewable Energy

n. 30 videos

Quiz for self-evaluation

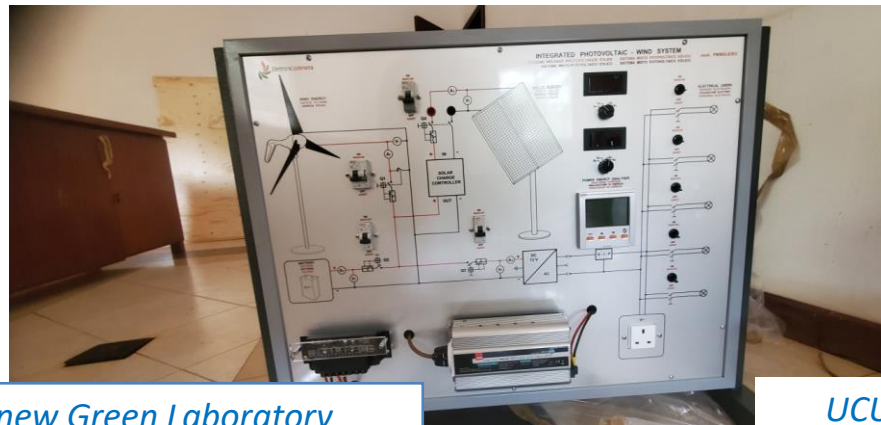
Reports, documents, publications and statistics

Free access for Users!

New DALILA Green Laboratories



SUZA



UCU

*(WP2) Installation of the new Green Laboratory
Organization of the Educational Week
Training on the use of the devices for local technicians*



UDOM



UMU

New DALILA Green Laboratories



n. 4 Agreements for the Joint Use of Laboratories among the n. 4 African Universities

*Development of training activities based on the use of the equipment and devices
Development of joint researches in the areas of Green Technologies and Economy*

International mobility



*(WP4) European
Specializing Courses at
Sapienza University of
Rome (Italy) and at the
University of Cadiz
(Spain)*

For the best n. 16 students



International mobility



*(WP4) Training of Trainers at the
University of Cadiz (Spain) on
Photovoltaic and Wind energy and technology*



Business skills labs



(WP5) Business skills labs of Sahara Ventures

Two-week training for students on the creation of innovative Startup on the green topics: strategies, problems, ideation, social impact, management of new products, market strategies, laws and intellectual properties.

(WP5) Business skills labs of INOMA

Three seminars on business opportunities in grid connected photovoltaic systems and renewable energy sectors



Dissemination events



(WP1) n. 1 Training session on

- Higher Education System in Europe: Bologna Process and credits
- Credit Recognition & Transfer
- Comparable Criteria for Courses and Programmes in EU

(WP1) n. 4 Info-day on Climate Change

Introduction to the main topics of DALILA project and the opportunities that courses and international experiences can give to the students



(WP2) Three-day Scientific Symposium (online)

1. University and cooperation for sustainable development in Africa
2. The importance of an interdisciplinary and international teaching approach in the development of new capabilities in the energy and green sector
3. Smart-Up: how to start your own green business



September 16th, 2021
11:30 - 13:30 am (GMT+3)

Dissemination events

(WP6) International Logo competition

The competition saw the submission of a total of n. 62 logos from the students of the n. 4 African Universities partners of DALILA



(WP6) n. 4 Info-day for students enrollment

Presentation of DALILA new courses and international opportunities

New opportunities for the Future!

The screenshot shows the 'Funding & tender opportunities' portal. At the top, it says 'European Commission' and 'Single Electronic Data Interchange Area (SEDIA)'. There are 'Register' and 'Login' buttons. A navigation menu includes 'HOME', 'SEARCH FUNDING & TENDERS', 'HOW TO PARTICIPATE', 'PROJECTS & RESULTS', 'WORK AS AN EXPERT', and 'SUPPORT'. Below the menu, there's a search bar with the text 'Find calls for proposals and tenders' and a search button. A grid of 'EU Programmes' is displayed, listing various funds like Asylum, Migration and Integration Fund (AMIF), Digital Europe Programme (DIGITAL), etc. On the right, a 'News' section contains updates such as 'Updated pre-financing guarantee template is published' and 'Onboarding webinar for AUDIT 2023 Framework Contractors in the Funding and Tenders Portal (OPSYS)'. There are also 'Events' and 'Useful links' sections.

New European funds, calls and projects

Only one platform (Funding & Tender opportunities) for all the European call in Education, Cooperation, Research, Mobility.

New opportunities for the Future!



Italian Higher Education with Africa - IHEA

Sapienza University signed the deed of incorporation of the IHEA Foundation aimed at promoting the internationalisation of Italian universities in Africa and contributing to local development with a view to cooperation.

Main activities:

- develop education and training for students living in African countries through appropriate interdisciplinary scientific methods
- promote support and refresher courses for personnel and academic staff of local universities.

Thank you to the Partners



SAPIENZA
UNIVERSITÀ DI ROMA



THE STATE UNIVERSITY OF ZANZIBAR
Catalyst for Social Changes



UGANDA CHRISTIAN
UNIVERSITY
A Centre of Excellence in the Heart of Africa



Inoma ingeniería de obras
y mantenimiento
renovables,sl





THANK YOU!

Chi trova un amico, trova un tesoro!
Whoever finds a friend, finds a treasure!
[Italian proverb]



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