



FINNISH NATIONAL
AGENCY FOR EDUCATION

HEI ICI

Higher Education Institutions Institutional Cooperation Instrument

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Promoting education and research on energy efficient lighting and renewable energy for sustainable development

Academic Disciplines Engineering, manufacturing and construction

Project Budget (MFA Funding and Total) Total 758665 (MFA funding 606931)

Project Duration 30 Months

Coordinating Institution Aalto University

Responsible Coordinator(s) and Contact Details Pramod Bhusal, Aalto University, Department of Electrical Engineering and Automation, Maarintie 8, 2150 Espoo, Pramod.bhusal@aalto.fi

Partner Institutions and Countries

University of Dar es Salaam (UDS), Tanzania
Eduardo Mondlane University (UEM), Mozambique
Addis Ababa University (AAU), Ethiopia

Affiliate Partners

Fundo de Energia (FUNAE), Mozambique
Eletricidade de Moçambique, EP (EDM), Mozambique
Empresa Nacional de Parques e Ciência e Tecnologia, Empresa Publica - ENPCT, Mozambique
Ethiopian Energy Authority, Ethiopia



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Description of the Project

The overall objective of the project is to support Higher Education Institutions in Tanzania, Mozambique and Ethiopia to provide education that promotes sustainable socio-economic development. Application of renewable energy and adoption of energy-efficient lighting products and systems have the great potential to reduce the increasing energy demand and greenhouse gas emissions. Tanzania, Mozambique, and Ethiopia have large potential of renewable energy and energy saving by applying energy efficient techniques. The project will support the development of much needed technical expertise and experience in the field of energy efficient lighting.

In addition to the development of teaching, research and training capacity of the partner institutions, the project supports interaction between higher education and society through awareness raising activities, need assessment activities, and dissemination events. By involving non-academic partners such as energy fund, electricity authority, energy authority, standards agency, etc in the project activities as associate partners, the project intends to strengthen the cooperation between universities and public sector. The project strengthens the labour market relevance of the education by providing education and training reflecting the needs of the local labour market. The project activities are designed to improve the quality of pedagogical capacities, research and teaching capacities, and human resource capacities of partner institutions in Tanzania, Mozambique, and Ethiopia.

Key Results to be Achieved

- 1. Improved access to higher education and research information*
- 2. Improved quality of higher education and research environment*
- 3. Strengthened role and relevance of HE in development and society*