

Capacity Building for Renewable Energy Technologies
in Mozambique | RETEM

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Mozambique is endowed with diverse renewable energy resources. In spite of the enormous potential, the contribution from renewable energy has not been fully exploited. Forest resources satisfy more than 85% of total domestic energy requirements and more than 95% of energy supply in rural areas. Renewable sources of energy, which are environmentally benign, can be utilized to improve access to sustainable, modern and cleaner energy services. The livestock is abundant and forests are becoming scarce. An alternative to fuelwood is desirable and, in this context, biogas, solar, wind and hydropower energy are highlighted by the Mozambican government.

However, lack of knowledge concerning renewable energy has been an obstacle to their wider use. Therefore, structuring an updated and well formatted group in this area inside the university would also create opportunities for further cooperation with public and private initiative. Deployment of renewable energy technologies has the potential to contribute to job creation, better sanitary conditions for animals, income generation and the improved livelihoods of marginalized social groups, particularly women and children in rural areas.

Thus, this project aims to train teachers from Zambeze University, create a renewable energy research laboratory and and develop a curriculum for a BSc programme in renewable energy.

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