



Renewable Energy Initiatives and Employment Dynamics in Zanzibar, Tanzania

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Abstract

Renewable energy initiatives have been implemented in Zanzibar, Tanzania to reduce reliance on fossil fuels and mitigate climate change impacts. A comparative analysis of local businesses engaged with renewable projects versus those not involved was conducted through interviews and surveys. Contrary to expectations, there is a significant increase (30%) in job creation among companies that adopted renewable energy technologies compared to their counterparts. Renewable energy initiatives have had a substantial positive impact on employment generation in Zanzibar's local economy. Local governments and businesses should prioritise the adoption of renewable energy solutions to further boost employment opportunities.

Keywords: *Tanzania, Renewable Energy, Employment Dynamics, Comparative Study, Microfinance, Green Economy, Sustainability Analysis*

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