



Vanuatu

Applicant: Department of Energy, Vanuatu
National Designated Entity: Mrs. Esline Garaebiti, Director General, Ministry of Climate Change Adaptation, Meteorology and Geo-Hazards, Energy, Environment and National Disaster Management, Government of Vanuatu
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Enhancing Vanuatu's Market for Energy Efficient Appliances

CONNECTING COUNTRIES TO CLIMATE TECHNOLOGY SOLUTIONS

The Climate Technology Centre and Network promotes the transfer of climate technologies at the request of developing countries for energy-efficient, low-carbon, and climate-resilient development.

By connecting stakeholders with technology experts from around the world, the CTCN delivers customized capacity-building and technical assistance aligned with national climate objectives.

CHALLENGE

The appliance minimum energy performance standards and labelling (MEPSL) program in Vanuatu is hindered by a few barriers. In terms of technical aspects, there are limited capacities to conduct technical assessments on the national impacts of energy standards and labelling and no prior knowledge of introducing appropriate guidelines and plans for monitoring, verification, and enforcement (MV&E) of the MEPSL. In terms of financial issue, there is a lack of financial instruments to drive the uptake of energy-efficient appliances in Vanuatu.

CTCN SUPPORT

- Assessment of the market for refrigerators, freezers, air conditioners, televisions, clothes washers, and lighting products
- Evaluation and recommendations of the MEPSL program
- Assessment and upgrade of the existing Vanuatu Electronic Single Window (VeSW) registration system and development of an MV&E plan
- Development of financial mechanisms for the incentivization of the purchase of energy-efficient appliances

EXPECTED IMPACT

- Improved and effective MV&E framework and product registration system will enable the current MEPSL program more efficient and increase compliance
- Identified financing mechanisms will accelerate the purchase of energy-efficient appliances

THIS ASSISTANCE SUPPORTS

- Improve the access of women to energy-efficient appliances.
- Make energy-efficient appliances more accessible to everyone through innovative financial mechanisms.
- Accelerate the adoption of energy-efficient appliances through the implementation of effective MV&E and financial mechanisms.
- Increase the enforcement of and compliance with standard and labelling legislations.

SUSTAINABLE DEVELOPMENT GOALS



What is climate technology?

Any equipment, technique, practical knowledge, or skills needed to reduce greenhouse gas emissions and/or adapt to climate change. This includes traditional, modern, and high-tech technologies.

THE STORY

Vanuatu has set ambitious targets of reaching 100% renewable energy for electricity production by 2030, requiring 15% energy savings through energy efficiency measures. However, progress towards achieving such measures requires effective policies, relevant legislation, information-based planning, and private sector participation, amongst others, to facilitate activities toward meeting the national energy targets.

The urban household appliance and energy use survey in 2013 indicated that many appliances currently used in households, including refrigerators, freezers, air conditioners, and lighting products are outdated and highly inefficient. Therefore, Vanuatu has introduced legislations on labelling and standards for appliances with the assistance of the Pacific Community (SPC) Pacific Appliance and Labelling Standards (PALS) Project (2012 – June 2019). The labelling and standards regulations were adopted in 2017 and has since been implemented and enforced. However, the impact of the programme to the nation has not been quantified, and the effectiveness has been undermined by a missing monitoring, evaluation and enforcement plan, as well as missing financial schemes to incentivize the uptake in households.

The CTCN technical assistance aims at conducting a technical market and policy assessment to identify challenges and bottlenecks to the effectiveness of the MEPSL programme and will support the introduction of a comprehensive MV&E plan as well as targeted financial mechanisms to accelerate the uptake of energy-efficient appliances in Vanuatu.

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