

ABOUT US

APEFA Rwanda is a pioneering organization established in 2008 with the mission to promote environmental sustainability and resilient livelihoods across Rwanda. The key objectives are to restore degraded landscapes, build climate change adaptation, improve food security and incomes, and foster community-driven solutions through integrated programs.

Over the 2018-2023 reporting period, APEFA Rwanda implemented multi-year projects across all provinces focused on sustainable land management, climate-smart agriculture, and capacity building

These interventions have increased climate resilience for farming communities, enhanced food security, boosted incomes, empowered women and youth, and promoted sustainable use of natural resources.



***"Join us to combat
Climate Change today,
tomorrow is too late."***

More information

 www.apefarwanda.org

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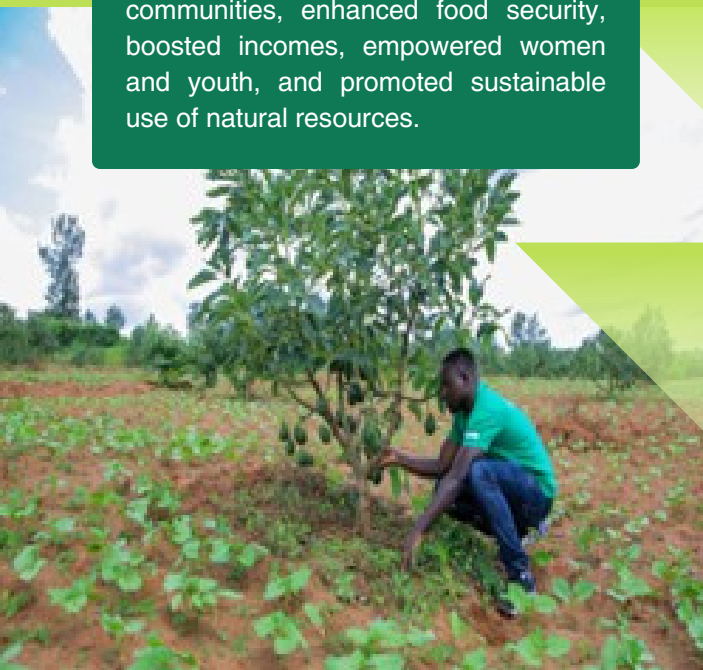
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**BUILDING
COMMUNITY
RESILIENCE AND
REDUCE
GREENHOUSE
EMISSIONS IN
BUGESERA DISTRICT**





BRIEF PROJECT OVERVIEW

The "Solar-Powered Irrigation and Improved Cooking Stoves for Communities in the Bugesera District" project aimed to enhance the resilience and adaptive capacity of vulnerable households in Rwanda's Bugesera District. By introducing solar-powered irrigation systems and energy-efficient cooking stoves, the project sought to improve the lives of smallholder farmers and their families while reducing greenhouse gas emissions.

- ✓ Establish a solar-powered small-scale irrigation scheme targeting 10 ha of land used by 300 farmers.
- ✓ Support the adoption of improved cookstoves within the target communities, benefiting 2,000 households.
- ✓ Build the capacity of local communities in climate-smart agriculture, smart irrigation, and financial management

KEY ACHIEVEMENTS



SOLAR-POWERED IRRIGATION SCHEME 12.6 Ha

Successfully installed a fully functional solar-powered irrigation system covering 12.64 ha of agricultural land, benefiting 342 small-scale farmers from three cooperatives.

- Trained 14 farmers in the maintenance of the irrigation system and established a water user association committee for sustainable management.
- Conducted training on climate-smart agriculture and smart irrigation practices for 26 farmers and nine local leaders.



IMPROVED COOKSTOVES DISTRIBUTION 2014 HH

- Distributed 2,014 improved cookstoves to vulnerable households in the Bugesera District, reducing fuel wood consumption and greenhouse gas emissions.
- Trained 35 youth in improved cookstove production techniques, enabling them to establish a cooperative and generate income through the sale of cookstoves.
- Conducted awareness campaigns to promote the benefits of improved cookstoves and encourage their adoption within the community.



TARGET BENEFICIARIES:

- 300 smallholder farmers (increased to 342) from three cooperatives: KOTEMUNGE, KOJYAMUNGE, and KOPABINGE.
- 2,000 households (of which 50% are women) in the Bugesera District, receiving improved cookstoves.
- 35 youth trained in the manufacturing and repairing of improved cookstoves.



CAPACITY BUILDING AND TRAINING

- Organized a comprehensive training program on climate-smart agriculture, smart irrigation, financial management, and cooperative management for project beneficiaries.
- Facilitated a study tour for farmers to enhance their skills and promote peer-to-peer learning on smart farming practices.
- Empowered project beneficiaries with the knowledge and skills necessary to build resilience against climate change and improve their livelihoods.