



Building Coffee Producers' Resilience to Climate Change

ANTICIPATED RESULTS

- The Climate Adapted Farming on Elgon (CAFÉ) project integrates mobile technology to make agricultural extension services more efficient and effective for coffee producers in the Mt. Elgon areas of Kenya and Uganda.
- CAFÉ will increase 30,000 smallholder coffee producers' **resilience to the effects of climate change** by:
 - Promoting **improved agricultural practices** including soil conservation measures and use of adapted crop varieties to fight land degradation.
 - Enhancing economic security through **increased incomes** from **improved production quantity and quality**.
 - Investing in coffee producers' collective action by **strengthening effective, business-minded agricultural cooperatives**.

SUSTAINABLE COFFEE

- LWR and researchers from the University of Manchester's Center for Development Informatics piloted the "Resilience Assessment Benchmarking and Impact Toolkit" (RABIT) in Uganda in mid-2014.
- RABIT captured **stakeholder perceptions of climate shocks, trends and vulnerabilities**, and assessed the role of mobile technology in contributing to **coffee producers' resilience to climate change**.
- Study results found that ICTs contribute to coffee farmer resilience by: **fostering information sharing among community members** (81% of surveyed cooperative members reported that they use ICTs to share and implement ideas for community improvements) and **supporting physical preparedness** (nearly half of respondents reported using mobile-technologies to access weather-related information).



QUICK FACTS

LWR's Climate Adapted Farming on Elgon (CAFÉ) project integrates mobile technology to make extension services more efficient and effective for smallholder coffee producers in the Mt. Elgon areas of Kenya and Uganda. LWR partnered with a Ugandan cooperative and British research institution to assess how Information & Communication Technology (ICT) supports producers' resilience to climate change.

LWR has worked in Kenya and Uganda since the early 1980s. In recent years, LWR's East Africa portfolio has included funding from the Bill & Melinda Gates Foundation, United States Agency for International Development (USAID) and U.S. Department of State Bureau of Population, Refugees and Migration (PRM).

LWR's partnership with local agricultural cooperatives selling on international and domestic markets has resulted in improved quality and increased the sales volumes of targeted commodities including coffee, maize and others.

PARTNERS: Gumutindo Coffee Cooperative Enterprise (GCCE), Bungoma County Coffee Development Group (BUCCODEG), University of Manchester's Centre for Development Informatics (CDI)

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700 Light Street | Baltimore, MD 21230 USA
800.597.5972 | programs.lwr.org