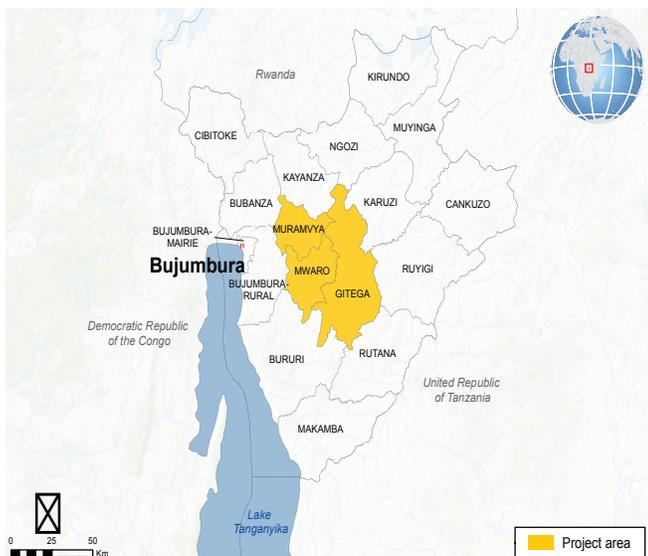


# BURUNDI



Support for Sustainable Food Production and Enhancement of Food Security and Climate Resilience in Burundi's Highlands



## Integrated Approach Programme

The Integrated Approach Programme on food security in Sub-Saharan Africa targets agro-ecological systems where the need to enhance food security is directly linked to opportunities for generating local and global environmental benefits. Being an integral part of the 12 country regional programme, the Sustainable Food Production project will contribute to the collective impact of this programme, which is intended to inform approaches to food security in the drylands of sub-Saharan Africa towards win-win solutions between food production and maintaining ecosystem services in the face of anticipated climate shocks.



## OBJECTIVES

To increase adoption of resilient, improved production systems for sustainable food security and nutrition through integrated landscape management and sustainable food value chains.

## CONTEXT

Burundi is a landlocked country at the heart of Africa's Great Lakes Region between the River Nile basin draining east and the Congo River basin draining west into the Lake Tanganyika. Burundi is characterized by an inadequate infrastructure network, a very low human development index (184th/188), a general lack of capacity, weak governance and high vulnerability to external shocks. Burundi is one of the poorest countries in Africa: with a GDP of \$171 per capita in 2011; nearly 70% of the population lives below the poverty line of 1 US \$/day/person, and 85% of households face daily food insecurity.

GEF Agency	FAO
GEF Grant	US \$7.3M
Co-Financing	US \$45 M
Status	CEO Endorsed

Burundi's economy is dominated by small-scale, predominantly rain-fed subsistence agriculture practiced by more than 90 % of the total population, occupying 50% of the country's land area. Land degradation in Burundi's highlands is leading to a decline in agricultural production, loss of agrobiodiversity and contributing to food shortages, food insecurity, chronic malnutrition, land and social conflicts, poverty, rural-urban migration and increased vulnerability to climate change.

## GLOBAL ENVIRONMENTAL BENEFITS

Land under integrated and sustainable management (ha.)	<b>80,000</b>
GHG emissions avoided or reduced (CO <sub>2</sub> e)	<b>1,200,000</b>
Genetic diversity of crops and animals maintained or increased (%)	<b>15 - 25</b>
Land cover (increase, %)	<b>TBD</b>

## KEY COMPONENTS

The project is based on the three following components: 1) Strengthened institutional framework and support mechanisms, 2) Improved livelihoods and food security through integrated watershed management, competent producers' organizations and sustainable food systems, and 3) Monitoring and assessment of global environment benefits and socio-economic impacts to inform decision making.

## STAKEHOLDER ENGAGEMENT

At the national level, the Ministry of Agriculture and Livestock (MINAGRIE) will be the lead government counterpart and coordinating agency in this project working in close collaboration with the Ministry of Water, Environment, Spatial and Urban Planning (MEEATU). At the provincial level, the decentralized structures of the two Ministries will be involved with the Provincial Directorates of Agriculture and Livestock (DPAE) and the Burundi Office for the Protection of the Environment (OBPE). At communal level, the project interventions will be supervised by the communal agronomist/zonal agronomist. The capacities of Farmer Field School Groups, cooperatives, and watershed committees will be reinforced to support local communities (the main beneficiaries of the project). The project is expected to have over 8000 beneficiaries.

## INNOVATIVENESS

The project is innovative by promoting a multi-sectoral approach and coordination at various level for SLM. Policy platform and knowledge sharing mechanisms will help in establishing national and local level support systems. Different and innovative tools, notably to measure resilience, will also be used. The project interventions seek a viable anchor into existing local and institutional systems

(local community planning systems to create favorable conditions to the conditions for sustainability. The lessons and good practices will be capitalized by the Field Farm Schools (FFS) and will be replicable and scaled out in collaboration with cofinancing partners. The systematization of knowledge management through platforms and various tools will support the replication and scaling up of project results in the country and across the region targeted by the IAP program.

## EXPECTED IMPACTS

The project will deliver multiple GEBs with 1) 80,000 ha under SLM including an increase in diversified crop land productivity, 2) conservation and sustainable use of agro-biodiversity, with focus on key neglected/orphan crops across intervention areas (taro, Colocasia esculenta; finger millet, Eleusine coracana; cowpea, Vigna unguiculata; and pigeon pea, Cajanus cajan), and 3) carbon benefits by increasing the amount of biomass, soil organic carbon and the tree cover in the project area (direct benefits over a duration of 5 years of 120,000 tons of CO<sub>2</sub>e; indirect benefits over a duration of 20 years: 1.8 million tons of CO<sub>2</sub>e from the increase of tree cover and 560,000 tons of CO<sub>2</sub>e from on-farm biomass/agriculture crops).

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