

Farming for a Brighter Future

Climate-Smart Agriculture at Alphome Community Farms

Alphome Community Farms (ACF) works with smallholder farmers, women, and youth in Haut-Uele and South-Kivu to build resilient, productive, and environmentally responsible farming systems. Our farming program integrates **climate-smart agriculture, agroforestry, and community forest protection** to increase food security while reducing pressure on Congo's forests.

Why Farming Matters in Haut-Uele

In Haut-Uele, families depend on agriculture for their livelihoods, yet deforestation, soil degradation, and climate shocks are threatening food production. Unsustainable practices, artisanal mining, and charcoal production continue to destroy forests and farmland.

Our response is simple and powerful: **help farmers grow more food on less land, in a way that protects forests and strengthens incomes.**

What We Do

1. Climate-Smart Crop Production

We support farmers to adopt sustainable, high-impact practices that improve yields and protect soils: - Improved seeds (maize, beans, rice, cassava, groundnuts, sunflower) - Conservation agriculture (mulching, crop rotation, intercropping) - Soil fertility management using compost and organic inputs - Water-efficient farming techniques - Demonstration plots and farmer field schools

2. Agroforestry & Tree Planting

We integrate trees into farming systems to restore landscapes and protect forests: - Fruit trees (mango, avocado, citrus) - Fast-growing timber and fuelwood trees - Nitrogen-fixing species for soil regeneration - Community nurseries and seedling distribution

3. Farmer Training & Youth Engagement

We build long-term capacity through hands-on learning: - Practical training on climate-smart agriculture - Youth and women farmer leadership programs - Digital tools for farm monitoring and learning - Peer-to-peer knowledge exchange

4. Sustainable Livelihoods & Market Access

We help farmers turn harvests into income: - Post-harvest handling and storage - Agro-processing (maize milling, cassava flour, oil pressing) - Cooperative development - Market linkage and value chain support

Our Impact

- Thousands of farmers trained in climate-smart practices
- Hundreds of hectares under sustainable cultivation
- Forest pressure reduced through productive farming alternatives
- Improved household food security and incomes
- Stronger community stewardship of forests

How Farming Protects Forests

When farmers can produce enough food and income from their fields, they no longer need to clear new forest land or rely on charcoal and mining for survival. Farming becomes a **frontline solution for forest protection**.

Our integrated model links farming directly to community forest monitoring through **AgriGuard360**, using satellite data and local Forest Watchers to detect deforestation and guide sustainable land-use planning.

Join the Movement

Whether you are a farmer, partner, donor, or volunteer, you can be part of this transformation.

Together, we are feeding people and defending forests.

Contact

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