



Coffee Innovation Fund – Uganda

Supporting innovative and scalable solutions to increase profitability and market access of small-holder coffee farmers

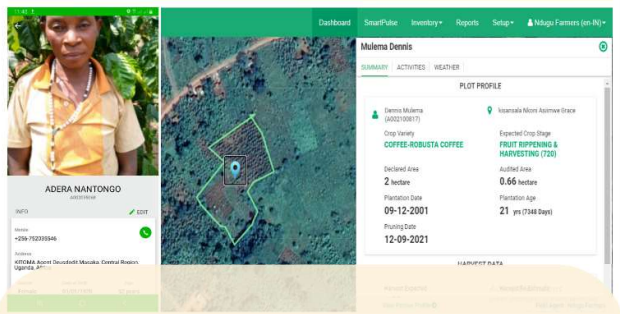
Coffee Development tool to accelerate coffee based agro-forestry among coffee farmers

Coffee farming is an important source of revenues for the members of Ndugu Coffee Farmers Ltd. However, coffee farms are producing less than their full potential, undermining farmers' incomes, and livelihoods. Adopting an agro-forestry model could significantly improve farm performance. Firstly, agro-forestry provides shade, which keeps the soil moist and thereby limiting excessive water loss. The tree canopy and mulch prevent soil degradation and erosion by capturing and retaining water in the soil. Finally, crop-diversification helps to maximize the use of the land and grow food crops, an important source of additional income to farmers.

Coffee based agro-forestry model.

To increase sustainable coffee production among farmer cooperatives, Ndugu Coffee Farmers Ltd intends to employ the Coffee Farm Development Tool (CFDT). This is a tool to deliver agroforestry and crop diversification advisory models to farms. The company will run a pilot with a number of *production agents* to scale to launch the promotion of agro-forestry and crop diversification models to more than 4,800 farmers. The Coffee Farm Development Tool integrates a science and economics data and tailor the appropriate farm models. By doing so, Ndugu Coffee Farmers Ltd can execute tailored made farm designs and select the most adequate crop diversification for farmers.

Digitization Of Farmers' Production



Project overview

Term: 2022-2023
Region: Uganda
Partner: Ndugu Coffee Farmers Limited
Volume: 50.000 Euros (Supported by the fund)
100.000(Total Volume)

Goals

- ❖ Run a pilot with production agents to launch and assess the Coffee Farm Development Tool
- ❖ Increase farms production and productivity
- ❖ Increase and diversify farmers' income

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