

KENYA COLD CHAIN ACCELERATOR (KCCA) PROJECT SPOTLIGHT

Agrotech Plus

Sun4Fresh cold chain network

About the project

AgroTech Plus provides solar-powered cold storage and mobile cold chain solutions tailored for different agricultural value chains in Kenya.

Agrotech Plus aims to expand its solar-powered cold chain network to help reduce food waste and strengthen the livelihoods of smallholder horticultural farmers in Meru and Machakos counties. These farmers, many practising regenerative agriculture, often have only a short window to sell their produce before it spoils. Without access to cooling, they are forced to accept low prices from middle brokers.

To help change this, Agrotech Plus uses a market-systems approach that connects farmers with trusted input suppliers and reliable buyers. With support from the Kenya Cold Chain Accelerator, the company will introduce five new modular cold rooms, deploy mobile cooling units, and integrate these solutions with their digital PAYGo platform to make cooling more affordable. Operating under a Cooling-as-a-Service (CaaS) model, farmers pay only when they use the facilities, reducing the barrier of high upfront costs.

The initiative aims to reach 3,000 farmers, cut post-harvest losses in horticultural value chains by 30%, and raise farmer incomes by 20–30%. Agrotech Plus already runs 12 cold rooms and supports 1,500 farmers and traders, with plans to expand nationally.

“The Kenya Cold Chain Accelerator support allows Agrotech Plus to scale our solar-powered Cooling-as-a-Service network, making affordable cold storage accessible to smallholder farmers. This will cut post-harvest losses, improve market access, and boost farmer incomes while advancing climate-friendly and resilient food systems in Kenya.”

Elisha C. Mogunde, CEO, Agrotech Plus



Company

Agrotech Plus

Organisation Founded

2022

Counties

Machakos, Kisumu and Meru



 [Learn more about the KCCA](#)

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