KENYA COLD CHAIN ACCELERATOR (KCCA) PROJECT SPOTLIGHT

Kuza Freezer

Solar-powered cold chain for fish farmers



About the project

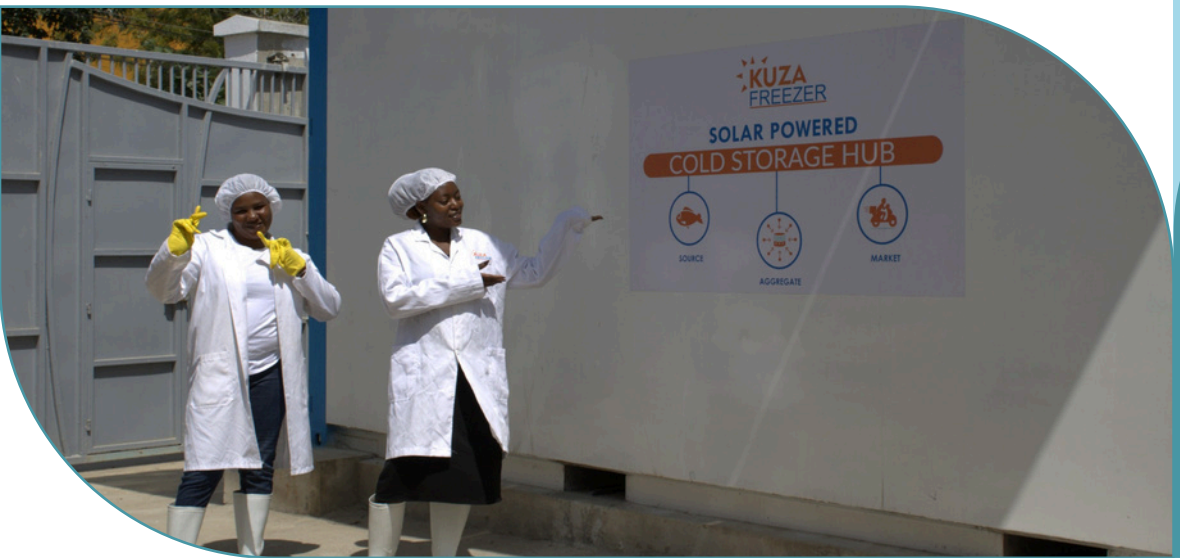
Kuza Freezer provides affordable solar-powered cold storage and market linkage solutions for smallholder fishers and aquaculture farmers in Kenya's off- and weak-grid regions.

Kuza Freezer will set up a solar-powered cold storage and fish aggregation hub in Western Kenya to support 650 smallholder fish farmers and artisanal fishers. In Homa Bay County, one of the country's most important fishing regions, up to 45% of fish is lost after harvest due to limited cooling and fragmented market access. This new hub aims to tackle that challenge head-on.

Operating under a Cooling-as-a-Service (CaaS) model, the hub will allow fishers to pay only when they use the facility, making cooling far more affordable than purchasing equipment outright. Through Kuza's digital marketplace, fishers will also be connected to urban buyers, while last-mile delivery will be supported by electric motorbikes equipped with portable freezers.

The project aims to halve post-harvest losses within a year, increase fisher incomes by 30%, and empower 120 women traders through tailored training and improved access to markets. Kuza will build on its successful Mombasa hub and strong cooperative partnerships to create a reliable, climate-friendly cold chain for Western Kenya's fishing communities.

"The support from KCCA is a major win for off-grid fish farmers in Homa Bay. It enables us to deploy solar-powered cooling, strengthen market linkages nationwide, and equip over 650 farmers with the skills they need to increase incomes by up to 30% and secure better livelihoods." - **Dennis Onkangi, Founder & CEO**



Company
Kuza Freezer

Organisation Founded
2021

Counties
Homa Bay County, Western Kenya

Learn more about the KCCA

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