

EXECUTIVE SUMMARY

The enterprise enhances the optimization of limited space especially in urban areas in a manner that empowers financially poor urban households and the organization.

Our mission is to empower urban communities to grow their own food and increase agricultural yields throughout all seasons, through the production and distribution of Hydroponic Farms.

In doing so, we aim to enable the sustainable thriving of our own social enterprise and the community we serve. We aim to provide ecological and innovative means for food production and agribusiness to help marginalized and vulnerable urban communities. One Smallholder Hydroponic farms user, on average, can earn \$496 annually – which is sufficient income for an average Ugandan household.

PROBLEM

Climate variability and human induced Soil health degradation, greatly hinders food security in Uganda.

Every day, Uganda generates around 600 metric tons of plastic waste. Currently, most of this is burned, which releases lethal carcinogens, toxins and CO2 into the environment.

SOLUTION

We collect and recycle more than 12 different types of post-consumer plastic rubbish, and transforms it into polyvinyl chloride (PVCs) and acrylate-butadiene-styrene (ABS). These plastics are then transformed into pipes and other materials for the construction of hydroponics systems. A hydroponic farms consists on average 140 plants and can be installed anywhere. A farmer can on average earn \$495 per year.

MARKET SIZE & OPPORTUNITIES

The global hydroponics market size was valued at USD 1.33 billion in 2018 and is expected to grow at a compound annual growth rate (CAGR) of 22.52% from 2019 to 2025. This high growth rate is attributed to the increasing use of hydroponic systems for indoor farming of vegetables.

BUSINESS MODEL


Hydroponic Farms, we implement the B2C local market where we deal directly with customers for example sale through SACCOS, Women groups and other loan saving schemes.

In the B2B approach, we make 30% credit sales to agricultural stores. In the transactional revenue model, where we charge commission for every transaction through our agro-platform, a revenue earning strategy charging a commission as a percentage on every sold item.

FINANCIAL STATUS


	PREVIOUS (USD)		FORECAST (USD)	
	2019	2020	2021	2022
TURNOVER				
SALES				
NET PROFIT				

CONTACT INFO

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IMPACT

Over 1,000 farmers trained in hydroponics farming.

180 and above farms installed in Uganda, Rwanda and South Sudan.

TEAM



CHIEF EXECUTIVE OFFICER

Tushabe Nociate

HEAD OF BUSINESS OPERATIONS

Turyamureba Amon M.

FARM MANAGER

Jonan Bake