Domestic Waste Processing to Organic Manure Production for Income and Economic Development.

Uganda

Fredica Baguma
Organization type: nonprofit/ngo/citizen sector
Budget: $10,000 - $50,000
Website: http://www.www.ruhepai.org

- Employment
- Economic development
- Food security
- Reproductive health
- Youth development
- Sustainable agriculture
- Waste

Project Summary

Elevator Pitch

Concise Summary: Help us pitch this solution! Provide an explanation within 3-4 short sentences.

Processing domestic waste into organic manure for sale and income generation. This is to be achieved by working with city authorities to collect domestic waste from market centres, food stores, restaurants and hotels; and processed into manure using a 3 pit method. This will contribute to improved environmental health, hygiene and cleanliness of the cities, employment to women and the youths, income generation to the unprevileged population (engaged in waste collection and processing), environmental conservation, organic manure production, soil fertility improvement, mitigation of climate change effects.

Engagement of women and the youths has been the organisation's approach during implementation of other projects. Youths and Women are key catalysts of economic development.

About Project

Problem: What problem is this project trying to address?

For the past 6 years, RUHEPAI has been working with rural farmers in rural communities and single teenage mothers in urban areas to promote organic farming and income generation encompassing HIV/AIDS, theatre, water provision and Sexual Reproductive Health. These have contributed to sustainable organic farming and improved yields in rural communities of Birere subcounty in Isingiro district. There has been an improvement in peoples' livelihoods particularly single teenage mothers and rural farmers.

Solution: What is the proposed solution? Please be specific!

While there have been efforts by government of Uganda to collect domestic waste in Kampala city, there has not been an innovative idea to process this waste into organic manure. This stands out as a unique innovative idea that will contribute to proper waste management in the city. Once the treasure that lies in green waste becomes known by Ugandans, cities and towns will be swept clean hence, economic development. Also, this will motivate women and the youths to start earning income from green waste through collection, sorting and processing. There will be a reduction in green gas emissions and mitigation of climatic change effects. Furthermore, there will be environmental conservation, improved health, proper waste management approaches, cleanliness in the cities and towns, income generation, employment opportunities to the youths, and soil fertility improvement that will result in increase in agricultural yields hence sustainable agriculture.

Impact: How does it Work

Example: Walk us through a specific example(s) of how this solution makes a difference; include its primary activities.

- Linkage establishment with relevant authorities - Obtaining consent and state authority for garbage collection - Awareness creation, sensitisation to the masses on radios, Televisions, posters and other publications - Training workers on waste management, garbage sorting, collection and processing - Purchase of collection containers, pick wagons and other supplies - Organic manure processing, producton and sale - Monitoring and evaluation The combination is these activities will lead to a clean and hygienic city hence change in the environment and the peoples’ attitudes
towards waste disposal and management.

About You

Organization:
Rural Health Promotion and Poverty Alleviation Initiative (RUHEPAI)

About You

First Name
Fredica

Last Name
Baguma

Twitter

Facebook Profile

About Your Organization

Organization Name
Rural Health Promotion and Poverty Alleviation Initiative (RUHEPAI)

Organization Country
Country where this project is creating social impact

How long has your organization been operating?
More than 5 years

Is the project that you are entering related to this organization?
Yes

The information you provide here will be used to fill in any parts of your profile that have been left blank, such as interests, organization information, and website. No contact information will be made public. Please uncheck here if you do not want this to happen.

Innovation

What stage is your project in?

Idea phase

Share the story of the founder and what inspired the founder to start this project

The founder, Fredica Baguma (female Ugandan aged 41 years) was born and raised in a rural setting. She attained education up to the level of Master of Philosophy in Comparative International Education (CIE) from University of Olso in Norway (2001); after obtaining a Post Graduate Diploma in Education (1995) and a Bachelor of Arts Degree in Social Sciences (1995) from Makerere University - Uganda. After working with different organisations, she ventured into community work. A field that inspired her to found Rural Health Promotion and Poverty Alleviation Initiative (RUHEPAI) in 2004. The major goal of starting the organisation was to influence and make a change in rural communities especially in the lives of women and the youths to tackle concerns affecting agriculture (food security), environment, water and health.

After successfully training 939 rural farmers in organic farming and proper land management approaches, she realised there was a need to process organic manure for sustainable agriculture and environmental conservation. She realised, there is alot of wasted resources in the city in form of garbage that can be turned into useful resource in form of manure. Moreover, this would contribute to soil fertility improvement, cleanliness and waste management while at the same time create employment opportunities and income generation to individuals, families and the country.

Social Impact

Please describe how your project has been successful and how that success is measured

The project is still at idea stage but anticipated to succeed. This is because there is great need to manage domestic waste in the Ugandan cities and towns as well as a critical need to practice organic farming for sustainable agriculture and food security while at the same time conserving the environment. This will be measured through the impact made by the project in short and long term. e.g. towns becoming clean, people managing domestic waste properly, involvement of the youths and the women, organic manure produced and sold in a day, week, month and year. Replication in other areas in the country and by other individuals or agencies.

How many people have been impacted by your project?

101-1,000

How many people could be impacted by your project in the next three years?

1,001-10,000

How will your project evolve over the next three years?

Step by step, the project is to become continuous. In the 3 years, emphasis is to be put on awareness creation, sensitisation, training, waste collection and manure production as well as selling of manure. By end of the first year, people will have known benefits of proper waste management and take up initiatives that address that issue. By end of second year, the organisation will have gained momentum and started producing enough tonnes of organic manure for sale. By third year, there will be replication of the same approaches in other towns rather than Kampala city.
Sustainability

What barriers might hinder the success of your project and how do you plan to overcome them?
Lack of enough and sufficient funds. However, I will keep mobilising for funds.

Tell us about your partnerships
Working with relevant city and district authorities. Also, linking with traders of supermarkets for selling and marketing strategies.

Explain your selections
Other sources e.g. donors. No capital yet, therefore depending on donors to support our cause.

How do you plan to strengthen your project in the next three years?
Expand market base and production to meet the demand on the market.

Challenges

Which barriers to employment does your innovation address?
Please select up to three in order of relevancy to your project.

PRIMARY
Underemployment

SECONDARY
Lack of skills/training

TERTIARY
Lack of access to information and networks

Please describe how your innovation specifically tackles the barriers listed above.
Domestic waste management and organic manure processing is to create employment opportunities, provide training and skills in proper waste management and organic manure production and also enable access to information on new approaches and technologies of domestic waste management for economic development.

Are you trying to scale your organization or initiative?
If yes, please check up to three potential pathways in order of relevancy to you.

PRIMARY
Influenced other organizations and institutions through the spread of best practices

SECONDARY

TERTIARY
Grown geographic reach: Multi-country

Please describe which of your growth activities are current or planned for the immediate future.
Replication of best practices by other groups, organisations and associations as well as in other areas within the country.

Do you collaborate with any of the following: (Check all that apply)

Government, NGOs/Nonprofits.

If yes, how have these collaborations helped your innovation to succeed?
Linkages and networks with other NGOs and Government have expanded our publicity. Also, accessing relevant and important information through Government structures.

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