

Project format

Project details

1. What is the project title?

Upscaling value addition of root and tubers for increased production, consumption and income in Kiambu County.

2. The project contributes to

- **SDG1 (poverty reduction/economic development)**
- **SDG2 (food security)**
- SDG4 (higher education)
- Other, ...

3. What is the project you want to showcase at our website? Please summarise:

COSDEP targets to work with a few groups of small scale farmers to add value to root tubers that they are already producing. In Kenya, root tubers contribute greatly to income and food security as they yield more than other crops with proper farming practices.

Over the years, we have realised that there are many opportunities to improve the common and traditional uses of root crops and introduce them to a wide range of value added food and feed markets.

The key to realizing the potential of root crops is to establish strong links between the farmers and the markets. Root crops are perishable and bulky and resources at the farmer level to look for market spaces are scarce. To overcome these challenges, appropriate strategies and technology for post-harvest processing and utilization need to be put in place.

These strategies include:

1. **Production** – Training on proper farm management practices that will lead to increased yields through use of certified seeds, green manures and biofertilizers.
2. **Consumption** – Most of these root tubers are considered “orphaned crops” hence the farmers need more awareness on their health benefits (As an alternative for starch). Additionally, the leaves can be a source of vitamins and minerals for livestock i.e. the sweet potato vines.
3. **Income:** with increased production, there will increased income through sale of surplus, recycling of peels and leaves to make briquettes, bio fertilisers and bio char, value addition through making of crisps, flour and fries.

4. What is the problem? And how is it addressed in this project?

Skills on value addition – There is an existing gap among the target farmers on knowledge regarding the root tubers value chain. The project will organise trainings for the target farmers.

Ignorance associated with consumption – Most consumers tend to rely on other alternative sources of starch. The project will work towards shifting negative mind sets especially on cassava tubers through awareness creation of their nutritional benefits.

Post-harvest losses – Most root tubers are highly perishable leading to losses hence the project will provide the necessary resources and equipment to increase their shelf life like the solar driers, complete jiko system, milling machine, briquette machine, packaging and branding materials.

Poor prices for fresh root tubers (Exploitation by middle men) – At the farm gate, middle men purchase farmers produce at very low prices and sell at the market at higher prices. We will work with target farmer groups closely to establish their own certified organic market outlets and set standard prices for their produce and products

5. Explain why this solution works best:

The solution will incorporate all the value chain levels of the root tubers hence giving the farmers improved produce and a wider variety of products. In addition, the project will provide them with the resources and unaffordable specialised equipment to process different products.

On the beneficiaries' side, better prices will increase their income and subsequently improve their livelihoods. Application of organic practices will increase yields, conserve the environment and save on costs associated with farm inputs.

6. Who are the recipients of the project? And how many?

2 groups – 40

7. Are recipients engaged in the project?

Yes | no

If yes, how? **YES**

They are already producing on small scale. Initially they had started adding value to tubers but due to financial constraints, they were unable to proceed with processing. Currently, they are majorly producing and selling their fresh produce at the farm level.

8. How will their lives be improved in a short-term?

- 40 farmers will gain skills on value addition of root tubers
- Increased awareness on consumption of the root tubers
- Increased yields – Through application of organic farm practices
- Alternative income means from value addition

9. How will their lives be improved in a long-term?

- Improved soil fertility from application of organic bio inputs
- Environment conservation as the organic practices are environment friendly
- Improved nutrition and health
- Established organic market outlets and increased number of consumers
- Increased incomes
- Scaling out of the project to bring in more farmers and actors on board in the agricultural value chain.

10. Which 1 or 2 of these long-term effects would you really like to measure?

1. Increased incomes
2. Established organic market outlets and increased number of consumers

11. What is the best testimonial from a beneficiary of your NGO (best related to this project)?

Alice Kang'oro "my grandchildren love visiting me during the school holidays because they enjoy different snacks from root tubers unlike in their homes where the only form of preparation is boiled"

12. When would you consider the project successful?

What are results you have seen before? Or imagine 1 year from now. How does the project area look like? What should have changed? When are you satisfied? And when do community members consider the project successful?

To Increase the production and consumption of root tubers and its products of 40 farmers by 50%.

To have at least one market outlet as a result of the project

13. What could be (unexpected) challenges the project could run into?

- Unfavourable Weather condition – due to climate change, it has been very challenging to follow the planting calendar within a year.
- Diseases and pests – this can contribute to low production and ultimately low yields

14. What is the budget needed for this project? (in your own currency) *Note:*

Please consider that projects (or parts of projects) between €2,000 and €3,000 are most realistic to be successful.

Total project costs= KSH 1,051,040 or €6.832

15. Are there other sources of income used for this project?

yes | no

If yes, please elaborate: No

16. What is your NGO contributing towards this project?

Our NGO contribution will be on documentation of the project as well as office supplies i.e stationery to be used during the project. This amounts to KES 78,000.

17. What is the start and end date of the project?

Start date: September 2023

End date: August 2024

I completed the application questions fully and truthfully and signed in accordance with the Terms & Conditions: <https://impactdirect.eu/terms-conditions/>

Date / Location: 19th June 2023

Signature: 

Name: Stanley Kimyanjui

Role in organisation: Organizations Director

Please, send your project format to info@impactdirect.eu by indicating in the subject line: 'application + name of your organisations'.

And don't forget to send some pictures for the website and socials:

- 3-5 pictures that represents the project
- Links to videos you already have and can be relevant.
- If there will be someone else then you doing the updates at the website, please let us know his/her name and contact details:

Pictures should be around preferably around 1MB.

Please send it through WeTransfer to info@impactdirect.eu

Thank you very much for your efforts!

What's next? We may call you to get some more information. And we will inform you around 25 March if you are selected!

Budget:

Organisation	COMMUNITY SUSTAINABLE DEVELOPMENT EMPOWERMENT PROGRAMME				Exchange rate	0.0065
Project:	CONSUMPTION AND INCOMES IN KIAMBU COUNTY					23-Jun-23
Period:	12 MONTHS					
Budget Line	Details	Unit cost	Frequency	No of Units	Amount Ksh	Amount €
1.1	To increase productivity of root and tuber crops through agro-ecological practices					
1.1.1	improvement (composting)	1,000	2	4	8,000	
1.1.2	Support farmers with certified seeds and seedlings for multiplication	50,000	1	1	50,000	
1.1.3	Hold exchange and learning visit for farmers	20,000	1	1	20,000	
1.1.4	benefits of root and tuber crops	1,000	2	5	10,000	
	Sub total				88,000	€ 572
1.2	To enhance food sovereignty and incomes for root and tuber farmers in Kiambu through marketing					
1.2.1	government	30,000	1	1	30,000	
1.2.2	Hold one farmers field day	50,000	1	1	50,000	
1.2.3	Enhance upscaling of root and tubers value chain through resource and equipment provision	96,000	1	4	384,000	
1.2.4	collaboration with KOAN	60,000	1	2	120,000	
1.2.5	Hold lobby meeting with stakeholders to advocate for market space for organic root tubers	50,000	1	1	50,000	
	Sub total				634,000	€ 4,121
1.3	Monitoring and evaluation					
1.3.1	Conduct quarterly field visit by Monitoring and evaluation staff to project site	2,520	1	2	5,040	
1.3.2	Document key successes, best practices and lessons and upload project progress to website	4,000	12	1	48,000	
	Sub total				53,040	€ 345
1.4	Personnel Costs					
1.4.1	Project coordination personnel costs	4,000	12	6	288,000	
	Sub total				288,000	€ 1,872
1.5	Administration costs					
1.5.1	Telephone and internet charges	500	12	6	36,000	
1.5.2	Stationeries	30,000	1	1	30,000	
	Subtotal				66,000	€ 429
	Total Project costs				1,129,040	
	Less NGO contribution (in kind) Activity 1.3.2 and Activity 1.5.2				78,000	
	Total Project Costs (less own contribution)				1,051,040	€ 6,832
1.6.	Contribution to running costs of iIMPACT direct (5%) incl. costs for the website, promotion & proposal writing and costs of financial services				55,318	€ 360
	TOTAL PROJECT COSTS				1,106,358	€ 7,191