



# Conference Programme

September 11 - 13, 2023  
Ciala Resort, Kisumu

Practical  
**ACTION**

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**REGENERATIVE  
AGRICULTURE  
CONFERENCE**

Practical Action is an international development organisation putting ingenious ideas to work so people in poverty can change their world. We help people find solutions to some of the world's toughest problems. Challenges made worse by catastrophic climate change and persistent gender inequality.

We work with communities to develop ingenious, lasting and locally owned solutions for agriculture, water and waste management, climate resilience and clean energy. And we share what works with others, so answers that start small can grow big. We are a global change-making group. The group consists of a UK registered charity with community projects in Africa, Asia and Latin America, an independent development publishing company and a technical consulting service. We combine these specialisms to multiply our impact and help shape a world that works better for everyone.

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## **ABOUT THE REGENERATIVE AGRICULTURE CONFERENCE, 2023**

Practical Action and partners have convened the Regenerative Agriculture Conference in Ciala Resort, Kisumu, to provide an opportunity for participants to share learnings and experiences in implementing regenerative agriculture programmes. The forum also aims to advance policy dialogue, identify opportunities for future programming and strengthen public awareness and support for regenerative agriculture.

The event brings together a diverse group of individuals, including county government officials, project implementers, donors, researchers, private sector representatives and young agripreneurs. It features stimulating high-level speeches, plenary and panel discussions, presentations and field visits to farmers practicing regenerative agriculture principles and methods. A Call to Action to be issued at the end of the conference will seek to add momentum to efforts to scale regenerative agriculture.

During the conference, Practical Action will share valuable learnings from our five-year project, Transforming Rural Economies and Youth Livelihoods (TREYL) that is funded by the IKEA Foundation. The initiative, now in its final year, is implemented in Kisumu and Homa Bay Counties. It is working directly with over 6,000 young women and men to promote agribusinesses based on regenerative agriculture. Long-term, the project aims to positively impact 80,000 young people by showing the viability of agribusiness as a career option.

TREYL has developed multi-stakeholder platforms to improve the poultry, groundnut, tomato and African Indigenous Vegetable (ALV) value chains. Working groups, made up of commercial service providers and government agencies are tackling barriers to agribusinesses such as access to finance, training services and market information.

The project tested innovative approaches to tackle low productivity, poor access to agricultural resources and negative perceptions that hinder youth participation in agriculture. It also created an enabling policy and market environment to support agricultural livelihoods.

In the face of the high youth unemployment and rural poverty, TREYL aims to establish vibrant and inclusive rural economies through a holistic and gendered approach, enabling young men and women to increase income through regenerative agribusiness. The project has been building a business case to demonstrate that regenerative agriculture can be commercially successful.

The regenerative farming approach is gaining traction as a solution to challenges associated with conventional, resource-intensive agriculture including soil degradation, biodiversity loss, water overextraction, pollution and climate change.

# DAY 1 - MONDAY SEPTEMBER 11, 2023

TIME	ACTIVITY	MODERATOR
<b>FIELD EXCURSIONS</b>		
8:00am - 8:30am	Arrival, Accreditation and Registration of delegates at Entada Hall, Ciala Resort	Practical Action Elea Africa
8:30am - 9:00am	Assembly of delegates in designated vehicles	
9:00am - 10:00am	Departure for Site Visits	
10:00am - 1:00pm	Site Visit Part 1	
1:00pm - 2:00pm	Lunch Break	
2:00pm - 4:00pm	Site Visit Part 2	
4:00pm - 5:00pm	Delegates make their way back to the hotel	

**END OF DAY ONE**

# DAY 2 – TUESDAY SEPTEMBER 12, 2023

TIME	ACTIVITY	MODERATOR
<b>SESSION 1: CONFERENCE OPENING</b>		
8:00am - 9:00am	Arrival, Registration, Viewing of Exhibitions	Practical Action Elea Africa
9:00am - 9:45am	<b>Why we are here: TREYL Overview</b> Oliver Furechi <i>Project Manager, Practical Action Kenya</i>	Norman Mudibo
	<b>Opening Remarks</b> Roselyn Akinyi Walender <i>Africa Director, Practical Action</i> Annelies Withofs <i>Programme Manager, IKEA Foundation</i>	
9:00am - 9:45am	<b>Official Opening</b> H.E. Prof. Peter Anyang' Nyong'o <i>Governor, Kisumu County</i>	
	<b>Keynote Address</b> Prof. Alex Awiti <i>Senior Agroecology, Policy and Advocacy Adviser, ICIPE</i>	

TIME	ACTIVITY	MODERATOR
<b>SESSION 2: YOUTH AND PRIVATE SECTOR ENGAGEMENT IN REGENERATIVE AGRICULTURE: WHAT IS WORKING?</b>		
9:45am - 10:30am	<b>Setting The Scene</b> Dr. David Amudavi <i>Executive Director, Biovision Africa Trust</i>	Norman Mudibo  Oliver Furechi <i>Project Manager, Practical Action Kenya</i>
	<b>Panelists</b> Susan Maina <i>Country Director, Practical Action Kenya</i>  Philip Pande <i>Youth Inclusion Adviser, Youth Impact Hub</i>  John Millan Otuoma <i>Principal Research Scientist, KEFRI</i>	
	Q&A	

## HEALTH BREAK AND EXHIBITION VIEWING

<b>SESSION 3: REGENERATIVE AGRICULTURE CAN WORK FOR SMALLHOLDER FARMERS AND RURAL ECONOMIES</b>		
11:00am - 1:00pm	<b>Setting The Scene</b> Chris Henderson <i>Senior Policy and Practice Adviser, Practical Action U.K.</i>	Norman Mudibo  Chris Henderson <i>Senior Policy and Practice Adviser, Practical Action U.K.</i>
	<b>Ignite Presentations</b> Anthony Mugambi <i>Country Team Lead, Kilimo Trust</i>  Regan Buluma <i>Program Manager, Hand in Hand Kenya</i>  Judith Libaisi <i>Agroecology and Biodiversity Adviser, SNV</i>  Naman Ondego <i>Senior Project Officer, Practical Action Kenya</i>	
	Breakout Session	
	Feedback Session	

## LUNCH AND EXHIBITION VIEWING

<b>TIME</b>	<b>ACTIVITY</b>	<b>MODERATOR</b>
<b>SESSION 4: DOES REGENERATIVE AGRICULTURE PRESENT A VIABLE OPTION TO CREATE DECENT YOUTH LIVELIHOODS?</b>		
2:00pm - 3:30pm	<b>Setting The Scene</b> Emmanuel Ragot <i>Co-Founder, Barbarian Farmers</i>	Norman Mudibo  Tim Mwangi <i>Head of Programs, Practical Action Kenya</i>
	<b>Panelists</b> Leah Mwaura <i>Project Manager, SNV REALMs Project</i>  Fredrick Ang'ienda <i>Founding &amp; Managing Director, BAYE Africa</i>  Jeremiah Rogito <i>Program Officer, FOLU, AGRA</i>  Jim Ouko <i>Youth &amp; Livelihoods Advisor, Practical Action Kenya</i>  Winnie Yegon <i>Food Systems Specialist, FAO</i>	
	Q&A	
<b>SESSION 5: WHY WE NEED TO TAKE A MARKET SYSTEMS APPROACH TO SUPPORT INCLUSIVE REGENERATIVE AGRICULTURE</b>		
3:30pm - 5:00pm	<b>Panelists</b> Wanjiku Njuguna <i>Market Systems Adviser, Practical Action Kenya</i>  Hope Bii <i>Program Associate, Enviu Kenya</i>  James Kamakia <i>Program Manager, Coffee, IDH Kenya</i>	Norman Mudibo  John Chettleborough, <i>Agriculture and Marketing Lead, Practical Action U.K</i>
	Q&A	
5:00pm - 5:15pm	Closing Remarks	Norman Mudibo
<b>EVENING TEA AND DINNER</b>		

# DAY 3 – WEDNESDAY SEPTEMBER 13, 2023

TIME	ACTIVITY	MODERATOR
<b>SESSION 6: RECAP OF DAY TWO AND VIDEO HIGHLIGHTS</b>		
8:00am – 8:30am	Arrival, Registration, Viewing of Exhibitions	Elea Africa Practical Action
8:30am – 09:00am	<b>Recap of Day Two</b> Peris Gathogo <i>Head of Impact and Influence, Practical Action Kenya</i>	Practical Action
	Short videos highlighting transformation in farmer lives (from TREYL and IKEA Foundation partners)	Practical Action
<b>SESSION 7: POLICY ROUNDTABLE - CREATING A POLICY ENVIRONMENT FOR REGENERATIVE AGRICULTURE</b>		
9:00am – 10:30am	<b>Panelists</b> Prof. Kiringai Kamau <i>CECM Agriculture, Livestock, Fisheries Murang'a County; GODAN Africa Lead</i> Sebastian Wambugu <i>Program Manager, Youth Action for Rural Development</i> Prof. George Mark Onyango <i>Deputy Vice Chancellor, Planning, Research and Extension Services, Maseno University</i> Beryl Ajwang <i>Food Loss and Waste Associate, World Resources Institute</i>	Norman Mudibo  Michael Ohatto <i>Project Manager, Practical Action Kenya</i>
	Q&A	
<b>HEALTH BREAK AND EXHIBITION VIEWING</b>		
<b>SESSION 8: HOW CAN WE COLLABORATE FOR SYSTEMIC CHANGE TO HAPPEN?</b>		
11:00am – 1:00pm	<b>Setting The Scene: Overview of systemic change</b> Susan Maina <i>Country Director, Practical Action Kenya</i>	Norman Mudibo  John Chettleborough, <i>Agriculture and Marketing Lead, Practical Action U.K</i>

<b>TIME</b>	<b>ACTIVITY</b>	<b>MODERATOR</b>
	<p><b>Breakout Session</b></p> <p>Policy Group: <i>What policy change is needed to enable this to happen?</i></p> <p>Youth Group: <i>What systemic changes are needed to enable young people to participate in this change?</i></p> <p>Markets Group: <i>How can markets and the private sector drive this change?</i></p> <p>Knowledge Group: <i>How can knowledge dissemination on regenerative agriculture become embedded into the public and private sector?</i></p>	
	Feedback Session	

## LUNCH AND EXHIBITION VIEWING

### SESSION 9: CONFERENCE CLOSING

2:00pm - 3:30pm	<p><b>Conference Resolutions</b></p> <p>Tim Mwangi <i>Head of Programs, Practical Action Kenya</i></p>	Norman Mudibo  Tim Mwangi <i>Head of Programs, Practical Action Kenya</i>
	<p><b>Call to Action Declaration and Signing</b></p> <p>Tim Mwangi <i>Head of Programs, Practical Action Kenya</i></p>	
	<p><b>Launch of Agroecology Toolkit</b></p> <p>Oliver Furechi <i>Project Manager, Practical Action Kenya</i></p>	
	<p><b>Closing Remarks</b></p> <p>Annelies Withofs <i>Programme Manager, IKEA Foundation</i></p> <p>Susan Maina <i>Country Director, Practical Action Kenya</i></p> <p>H.E. Joseph Oyugi Magwanga <i>Deputy Governor, Homa Bay</i></p>	
	<p><b>Vote of Thanks</b></p> <p>Chris Henderson <i>Senior Policy and Practice Adviser, Practical Action U.K.</i></p>	

## END OF THE CONFERENCE



IKEA Foundation

**Practical  
ACTION**

**Celebrating  
FARMING  
THAT WORKS**

A selection of studies about  
transformed youth livelihoods  
in Kisumu and Homabay



35-year-old **Beryl Opiyo**, the founder of *Belano Enterprise Limited* ventured into peanut butter processing after high school in 2013. She rented a place in Kibuye Market, Kisumu Central Sub-County, and installed a grinding machine that could process 30kg of peanuts daily.

The company output has since increased to 100 kg per day owing to Practical Action's support on enterprise development training and linkages to a pool of young entrepreneurs producing the crop for aggregation and value addition.

She currently packages the product in varied sizes ranging from 250g to 1kg. She has engaged six employees and two casuals who are called upon during busy seasons. She sells her products to small shops, mini-markets, supermarkets, and wholesalers. She has also rented a space in Nairobi for physical pickup or delivery of products for online shoppers. Her most successful channel has been working with the youth and women as sales agents through a commission-based agreement.

## KISUMU ROUTE 1



To take the product a notch higher, the company adds some honey to enrich one brand of peanut butter, while another brand is sim-sim flavored. She also sells peanut flour and peanut butter packaging tins. She has also secured product quality certification by the Kenya Bureau of Standards (KEBS).

## KISUMU ROUTE 1

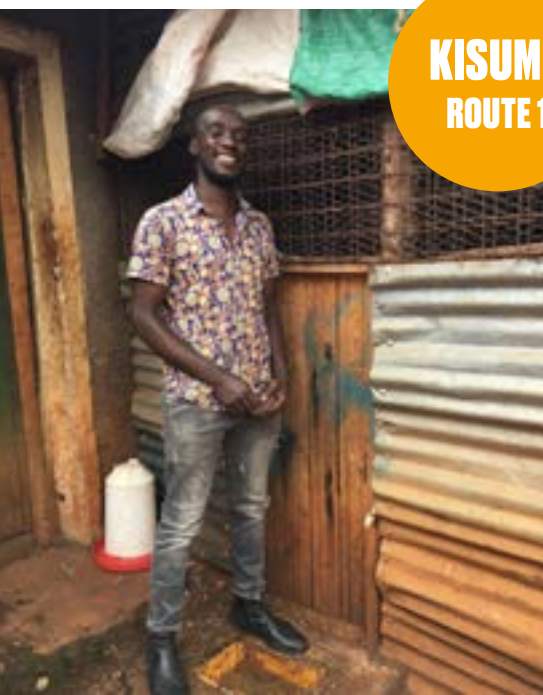


**Joash Adongo** is a 34-year-old entrepreneur of *EcoKud Limited* who is collaborating with Practical Action to promote regenerative agriculture. His core business is breeding Black Soldier Flies (BSF).

He produces BSF larvae, which are highly nutritious and affordable proteins used by animal feed manufacturers. The company produces at least 15 kgs of BSF larvae per day.

In addition, the enterprise sells BSF larvae directly to farmers for feeding poultry, fish, and pigs. Traditionally, fishmeal and soyabeans have been the key protein sources for animals, but their cost and availability pose challenges to smallholder farmers. The enterprise also trains prospective BSF farmers, sells BSF Starter Parks for new farmers and BSF frass as fertilizer.

## KISUMU ROUTE 1



**Robert Mtange**, a resident of Kisumu East, is a trained carpenter. He started and grew his beekeeping enterprise to supplement his craft in carpentry but soon realized its economic potential from the few hives.

In early 2016, he expanded his bee colonies (hives) to 30 with a view of extracting more honey to meet the market demand. Currently, he packages honey at different volumes and sells it within Kisumu County. The young entrepreneur also offers pollination services to horticulture farmers, especially passion fruit producers, taking the bees in colonized hives to farms. He charges between Ksh 2,000- 3000 per hive.

Through the beekeeper's platform formalized by Practical Action, Robert has additionally been contracted to construct low-cost hives, earning additional income to diversify into poultry rearing. He has gotten the opportunity to network with various market actors enabling him to access a ready market for his honey and poultry.

**Kennedy Ojwang**, 34, and his wife **Jecinta Ogone**, 29, operate **Kenn's Farm Enterprises** which focuses on poultry production. They are also involved in **African Leafy Vegetables (ALVs)**, groundnuts, agroforestry, fish and dairy farming.

Before joining the TREYL project as a mentor, Kennedy's biggest challenge was the high cost of poultry feeds but after attending TREYL-facilitated training on agroecology, the couple adopted hydroponics fodder, vermiculture and termite trapping which have reduced production costs and boosted profits. The other products from vermiculture technology, such as vermicompost and leachate, are used in their horticulture production as manure and pesticide.

Both Kennedy and Jecinta are members of a Youth Savings and Loaning Association (YSLA), where Jecinta holds a leadership position. The couple uses the YSLA platform to lead conversations on various subjects including gender equality in agriculture and entrepreneurship.

## KISUMU ROUTE 2



## KISUMU ROUTE 2

29-year-old **Fredrick Jura** is an entrepreneur from **Seme Akado**, **Kisumu County**. He initially worked in **Nairobi** as a sales agent for a private company dealing in household items. At the time, he preferred white collar jobs, including low-paying ones.

He moved to his rural home in 2016 to focus on agribusiness. In December 2019, the TREYL project onboarded Fredrick and introduced him to a group of young farmers. He was taken through various trainings including vermiculture, hydroponics, poultry farming, and horticulture production using organically produced manures from vermiculture units.

Fredrick identified a big opportunity in vermiculture (worm production). Vermiculture technology made Fredrick access a huge market within Seme sub-county and beyond where he was selling leachate (vermiliquid), vermicompost and live worms to other farmers. From the sales he managed from vermiculture proceeds he bought his first motor bike.

In 2020 he scaled up his horticulture production concentrating on Kales, Spinach, onions, tomatoes, and African indigenous vegetables. He grew business connections with institutions to supply vegetables (kales) weekly for feeding programs. He also supplies a group of young women selling vegetables in different local markets every week. programs. He also supplies a group of young women selling vegetables in local markets weekly.

## KISUMU ROUTE 3



**Mercyline Nyaoke**, 34, practices crop and animal husbandry on her farm in **Nyakach Sub-County**. She engages in poultry rearing, fish production, and horticulture on a medium scale.

She adopted vermiculture technology, hydroponics, and termite trapping which have helped in supplementing protein feeds for her chicken. This has reduced the cost of feeding the birds. She also uses the vermi-juice from the vermiculture operations as foliar fertilizer hence reducing the purchase of expensive chemical fertilizers and pesticide for use on horticulture crops.



**KISUMU  
ROUTE 3**

**Moses Obong'o** is a young farmer from Nyakach Sub-County. He owns different crop and livestock enterprises on one farm that are interlinked to reduce wastage and cost of production.

Among the practices and technologies on his farm include chicken farming (produce manure for vegetables), growing vegetables, vermiculture (chicken feeds, manure decomposition, leachates as foliar for vegetables) and hydroponics production (chicken feeds).

Moses has over time expanded his enterprise due to increased benefits from agribusiness. He has realized increased income from an average of Ksh. 9,000 to Ksh. 25,000 per month. He has also jobs.

**Everline Adhiambo Akoth** is a 34 years agroecology champion who practices integrated farming on her farm in Nyakach Sub-County. She engages in poultry, rabbit, dairy, fish, groundnuts and horticulture value chains.

The TREYL project has trained her in vermicomposting and hydroponics. She also participated in exchange visits and one on one coaching. She has reduced her cost of production, increased the number of animals on her farm with incomes also increasing from Ksh 3,000 to 15,000 per month. She is using the poultry and rabbit waste as manure for her African Leafy Vegetables and onion farming thus diversifying incomes and improving soil health.

She now provides local youth with vegetable seedlings, agronomic expertise and marketing services, enabling them to boost their income. Furthermore, through training and coaching, she supports three youth groups to adopt the Youth Savings and Loans Associations (YSLA) model to address access to finance by youths. Everline has employed two temporary employees in her agribusiness.



**KISUMU  
ROUTE 3**

**HOMABAY  
ROUTE 1**

**Boniface Otieno Owino, 27,** is a dedicated entrepreneur and a prominent advocate for agroecology from Homa Bay Central Ward. He has been actively involved in horticulture farming for more than four years, growing different exotic and indigenous vegetables such as spinach, cabbage, kales, African nightshade.

Boniface has been keen on tapping into readily available markets withing Homa Bay Town and its environs. He has mapped and engaged a group of women vegetable vendors who pick the supplies from his farm and deliver to the neighbouring local markets.

Boniface also supplies tomatoes and kales to some local hotels and primary schools under the school feeding program. Most of his customers prefer his vegetables because they are organically produced, and their supply is steady.

Besides being a staunch horticulture farmer, he is also a gender champion. Proceeds from his farms have enabled him to build rental to provide him additional income.

## HOMABAY ROUTE 2

**Nereah Oloo** has a twenty-acre farm, which is big by local standards. As an agroecology champion, she has adopted novel regenerative agriculture technologies. Different crops are produced on the farm, ranging from fruit trees, namely mangoes, guava, pawpaw bananas and passion fruit.

She also produces horticultural crops like tomatoes, watermelon and kales. Beans and cowpeas are planted not just for income but to improve soil fertility through nitrogen fixation. She also grows sugar cane, maize, sweet potatoes and African Leafy vegetables (ALVs). Dairy cows and poultry are the main livestock kept as a source of organic manure.

Nereah uses organic approaches to produce crops on her farm. Compost manure is used to provide nutrients for crops. No synthetic fertilizer is used on the farm. The farmer has mastered the art of using plants like aloe vera, tithonia and onions to produce pest repellants. Traps are set atop mango trees to attract and kill any invading fruit flies. To conserve soil moisture, maize stovers and sugar cane leaves are used as dry mulch. Similarly, sweet potatoes and cow peas are planted amidst fruit trees to act as green mulch.

The farm is used as a learning center for the community around her. Neighbouring farmers often visit the farm to learn how to produce crops without using synthetic inputs. She has inspired and mentored more than twenty young people to take up farming as a business. Nereah says that despite challenges, farming is indeed profitable business.

## KISUMU ROUTE 4

**Mark Adoyo Ogado** is a 35-year-old Agroecology champion from Muhoroni. He has been practicing mixed farming for more than six years and owns several enterprises, including chicken and horticultural crops.

He raises red Italian worms as chicken feed and uses by-products such as leachate and vermicompost are applied on his horticultural crops. He is also using leachate as insect-pest repellent and Vermicompost as soil organic matter booster. Horticulture production is one of Mark's enterprises, earning him money every day.

Mark grows different horticultural crops along River Nyando where he is using the water from the river to irrigate his crops.

He majors in capsicum, spinach, cabbage, kales, hot pepper, onions, coriander and tomatoes, His main target market is

Awasi, Ahero, Chemelil and Muhoroni towns where he registers groups of retail women selling complementary horticultural products. Mark works with five workers- two permanent and three taken as needed.

Mark being one of the agroecology champions, has also been promoting agroforestry where he grows specific fruit trees like mango, pawpaw, lemon, worm wool plants for malaria treatment. He also practices integration of multipurpose trees, different crops, and animals together in his one-acre piece of land.





**KISUMU  
ROUTE 4**

**Collins Onyango** is a 26-year-old medium scale agriprenuers from Muhoroni Sub County with a passion in poultry production. He engages both on-farm and off-farm poultry value chains, including brooding, hatching and rearing day old chicks.

He is one of the many young entrepreneurs who were identified by Practical Action under the Transforming Rural Economies and Youth Livelihood (TREYL) project to mentor other youths to embrace agriculture, particularly poultry production as their mainstay. After interaction with Practical Action, Collins identified the niche of hatching, brooding and selling of chicks to farmers who have limited experience in raising day-old chicks. In addition, he has also supported the establishment of brooding sites owned and managed by young men and women. The sites help his business in the production and distribution of healthy brooded and vaccinated chicks.

The TREYL project has provided Collins with networking opportunities that have enabled him to form mutual partnerships with other poultry value chain actors such as agro-dealers, other commercial incubator entrepreneurs, aggregators, traders, processors, and veterinary services supporting the expansion of his business.

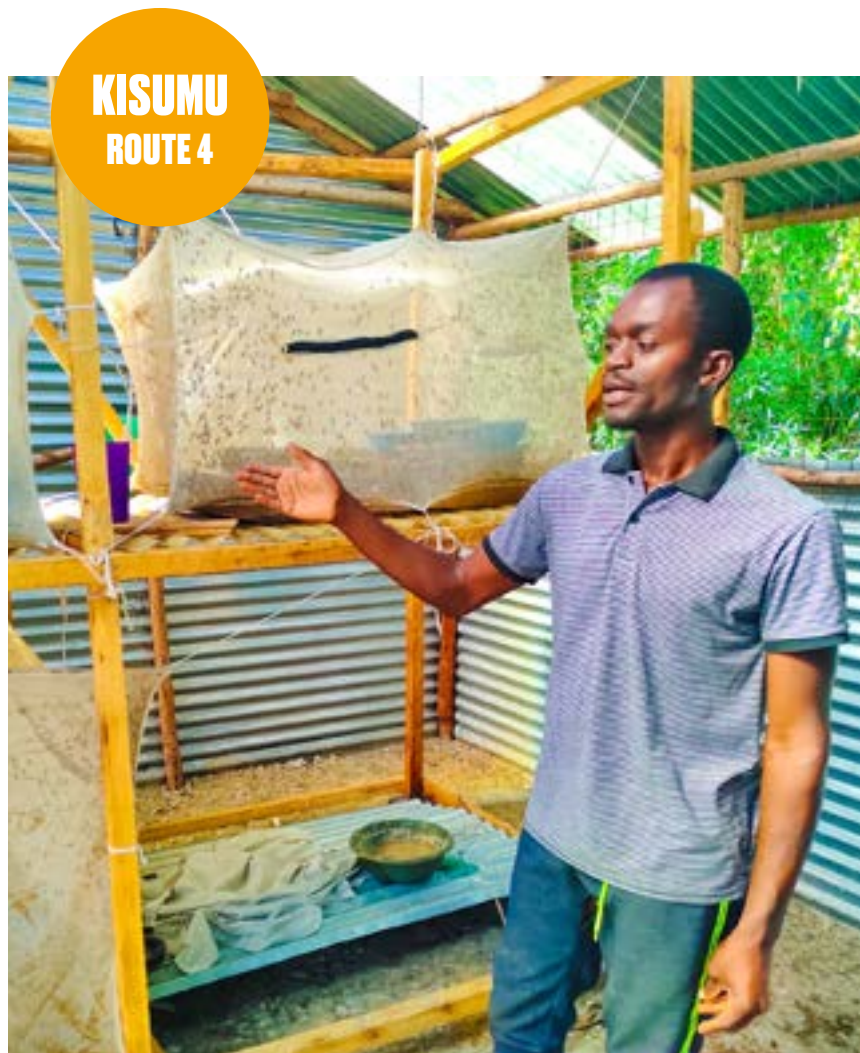
**Collins Ochieng Wambura**, a 34-year-old entrepreneur started producing Black Soldier Fly (BSF) larvae for his own poultry and selling the surplus to other farmers doing fish, pig and poultry farming. He started small and was producing 4-6Kg of larvae could not satisfy market demand.

Through Practical Action's intervention, Collins was supported to construct a BSF unit near Rabour Slaughterhouse in Kisumu County, where he is getting huge volumes of slaughterhouse wastes for BSF production.

So far, his scale of operations has increased, and he is producing at least 100 kg of BSF larvae and 450 kg of organic manure per day. He has three employees.

He is also producing 50 grams of BSF eggs per day and supplies them to other BSF farmers producing larvae for fish feeding. Collins has been able to increase his income from Ksh 12,000 to Ksh. 35000 every month.

*Dudu Proteins Enterprises* has trained a total of 26 young people (6 female and 20 male) taking up the BSF production at community levels. Collins also established another site at Korowe where he employed three young people to assist in production and management of the worm, eggs, and frass (compost manure) for sale.



**KISUMU  
ROUTE 4**

## HOMABAY ROUTE 1



**Victor Odhiambo, 32, is an avid poultry farmer from Kendu Bay Township. He started his poultry enterprises in 2018 with only 30 birds for both meat and eggs.**

With Practical Action's support through linkages and training on enterprise development, the agri-prenuer identified a niche in the poultry value chain: the incubation and brooding of chicks.

He invested in an incubator with the capacity to hatch more than 5,400 eggs monthly. With this, he supplies neighbouring farmers with day-old chicks. He also gives incubation services to other farmers at a small fee. The farmer also sells fertilized eggs from his flock of 150 hens.

To cut down on poultry feed costs, he produces Azolla (a protein-rich aquatic plant) and hydroponics to feed the chicken. The young farmer also produces geese and guinea fowl to supplement his income. From chicken alone, Victor gets an average monthly income of Ksh. 70,000 Shillings.

The entrepreneur is an inspiration to other young people. He mentors them about the poultry business. Currently, he is working with 24 young people who are following in his footsteps. Occasionally, these mentees provide a market for the chicks that he produces.

**Stephen Odhiambo is a young, small-scale agricultural entrepreneur who practices mixed farming in Suba North Sub-County. He has adopted sustainable methods in his enterprise, resulting in high productivity without causing ecological harm.**

One of his notable practices is vermiculture, involving the cultivation of Red Italian worms. He also uses vermiliquid, a byproduct from the worms, as a foliar for his vegetables to increase productivity and control pests. In addition, Stephen produces organic manure from the worms to nourish his vegetables. He plants his vegetables within conical gardens under protective shade nets to control solar exposure. The entrepreneur uses a water tank and solar pump that the TREYL project supported him to buy to harvest rainwater and store it in ponds for future use.

Before he ventured into farming, Stephen frowned upon agriculture and did not consider it profitable. However, upon interacting with Practical Action and learning new farming approaches advocated by the program, he decided to give them a try. Within three months, he made the decision to transition from his employment and fully commit to farming. Stephen says he earns more from agribusiness than his previous employment.

## HOMABAY ROUTE 2





**HOMABAY  
ROUTE 3**

**Regina Awuor Adhola, 28, is an industrious woman from Homa Bay Central with remarkable abilities of producing and marketing horticultural crops through diverse ICT platforms and peer-to-peer interactions.**

She targets women and men groups supplying horticultural products to different markets. She grows African Nightshade, spider plants, cowpeas, kales, cabbage, spinach, and tomatoes.

Regina manages numerous Youth Savings and Loaning Association (YSLA) groups, which she effectively utilizes as markets for her farm produce. She also supplies her products to schools that operate feeding programmes. During the tomato and vegetable harvesting seasons, Regina offers short-term employment opportunities to 7-10 young women to select, grade, and package the produce for sale.

**Charles Munga, a young farmer, has embraced innovative practices on his farm that maximize productivity within limited space. Despite having less than an acre of land, He produces a diverse range of products, including poultry and various horticultural vegetables.**

His farming approach is meticulously organized to minimize waste. Chicken droppings are used as manure for vegetables while waste from vegetables is utilized as chicken feed. Through a hydroponics unit, Charles cultivates foliage which serves as supplementary chicken feed.

In addition, Charles produces red Italian worms to supplement other types of poultry feed. The vermiliquid derived from these worms serves as a foliar feed for vegetables. Beyond delivering crucial nutrients to the plants, it also functions as a natural insect repellent.

Importantly, the farm's products are organic, devoid of synthetic inputs within the production process.

**HOMABAY  
ROUTE 3**



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**BIG CHANGE**  
starts small