

2024
Annual
Report



KNOWLEDGE
TRANSFER



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Cover photo: Mst. Asma Akter, a farmer in Bangladesh. Read her story on p. 21.





Our Mission

To improve the production and business skills of smallholder farmers, with the aim of enhancing their livelihoods and increasing the supply of safe-to-eat vegetables, while simultaneously catalyzing the development of innovative agricultural input markets.



Our Vision

Sustainable production of vegetables has become an attractive business opportunity for smallholder farmers in less developed areas of Africa and Asia.



East-West Seed Knowledge Transfer Foundation is recognized by the Netherlands government as a public benefit organization (ANBI). By improving the productivity and market connectivity of smallholder farmers, our work creates an enabling environment where both farmers and private companies are better able to grow their businesses.

For more on our ANBI status, visit





TANZANIA



PHILIPPINES



UGANDA



MYANMAR

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Message from Executive Director and Board Chair

Nearly 10 years ago, East-West Seed—a global leader in vegetable seeds for smallholder farmers—made a long-term commitment to improve the livelihoods of farmers in less developed areas through our independently governed and managed nonprofit foundation, East-West Seed Knowledge Transfer Foundation (EWS-KT).

Amid today's rapidly evolving and increasingly challenging funding landscape, we are especially grateful for East-West Seed's steadfast belief in our work. The annual core funding that we receive from them provides us with the stability needed to maintain a long-term vision—regardless of which direction the wind is blowing.

Over the last year—with co-funding from valued partners—we reached more than 150,000 farmers and started additional projects in India, Nigeria, the Philippines, South Sudan, Tanzania, and Uganda. We are proud of the impact and sustainable solutions that we bring, and we will continue to seek more partnership funding to further scale our work.

Our investments in our monitoring, evaluation, and learning system are strengthening our capacity to systematically track key areas of change and to validate the sustainability and catalytic effect of our work. Results from initial assessments of our longer-term impact indicate that we are on track with our 2021–2025 strategic targets for improvements to farmer income and productivity.

As we look toward the future, we will be working alongside key stakeholders to develop an updated 5-year strategic plan to guide us through 2030. With further advances in organizational development and refinement of our systems and processes—and with critical support from like-minded partners—we are confident that we will bring even deeper impact to even more farmers over the coming years.

Stuart Morris, Executive Director
Rutger Groot, Board Chair

Interested in partnering with us?
Contact us for more information



In this worrying time of significant cuts to official development assistance, market-driven farmer extension is ever more critical for moving communities toward a better future, and it is instrumental in bringing much-needed change to the markets that farmers supply.

– Simon N. Groot

East-West Seed Founder & 2019 World Food Prize Laureate



How We Work

At EWS-KT, we introduce smallholder farmers in Africa and Asia to profitable, climate-resilient vegetable cultivation techniques to increase their yields and income.

Training and Exposure on Best Practices

There is nothing like firsthand experience—and seeing results with your own eyes. Our proven model revolves around peer-led **demonstration plots** showcasing improved vegetable farming methods. Under the guidance of our expert field staff, key farmers set up and manage small demo plots on their own land.

Group trainings held at the demo plots equip neighboring farmers with new techniques to implement in their own fields at every crop stage. In addition to these hands-on activities, we share vegetable production knowledge through **digital learning** programs and social media.

To reach more farmers, along with trainers and other stakeholders, our **learning farms** in each country feature multiple crops and a wide range of climate-smart techniques. We also use the learning farms to test and validate innovative practices before introducing them to farmers.





Farm Business Planning

Farms are businesses, and we are institutionalizing business training as part of our model. **Seasonal planning** enables farmers to strategically choose their crops and varieties based on market needs, climatic conditions, and land characteristics. Our training also teaches farmers to calculate targeted and actual **costs and returns**, while emphasizing careful **record-keeping**. This ensures that farmers accurately track their progress and results, while helping us to assess the impact of our work.

As farmers adopt stronger agronomic and business planning and improve their data collection, we are beginning to validate their expertise and knowledge through **farmer certification**. Certifying farmers as meeting set standards conveys their creditworthiness to lenders, opening doors to **farmer finance**. To reach this goal, we also collaborate with like-minded organizations to facilitate access to financing.

Market Integration

Farmers know that an abundant harvest is not enough. They need to sell their produce, and at a good profit. Business planning with the market in mind leads to crops that are aligned with buyers' needs, significantly increasing market access.

To bring visibility to **market trends**, we also track the price of vegetables over the course of each year and share the data with farmers. This allows farmers to strategically select their crops and to time their harvest for higher income.

From intensive horticultural support to farm business skills to market integration, EWS-KT prepares smallholder farmers for successful and sustainable vegetable enterprises.

Pumpkins: Opportunity for Income & Nutrition

Often overlooked in the market, this low-maintenance, low-cost vegetable is fast becoming the star of farmers' fields in Africa and Asia.

Building a Pumpkin Hub in Uganda

The Pumpkins in Africa project, supported by 2019 World Food Prize Laureate Simon N. Groot, has elevated pumpkin as a marketable and profitable crop for Uganda's farmers. Accustomed to thinking of pumpkin as a backyard crop with little value, smallholder farmers in the country are now viewing this nutritious vegetable as an attractive business opportunity. Farmers' enthusiasm is reflected in a 67% increase in pumpkin production in the project areas, and the market has responded in kind, with traders coming from as far away as Kenya.

Exponential Expansion in India

In India, farmers in eastern Odisha state—inspired by pumpkins growing in EWS-KT's Center of Excellence learning farm in Keonjhar and local pumpkin farming demonstration plots—have embraced pumpkin cultivation in a big way. Pumpkin fields now cover 2,000 acres in Mayurbhanj and Keonjhar districts, and farmers have doubled or tripled their profits. Capitalizing on the pumpkin's long shelf life and durability, farmers have transformed the pumpkin market; at harvest time, hundreds of trucks come from West Bengal to collect growers' high-quality pumpkins.



UGANDA

“Where there’s market and land available, the highly nutritious pumpkin is a wonder crop.”

– **Stuart Morris**
EWS-KT Executive Director



Pumpkins hold great potential to impact community nutrition and bring economic empowerment to smallholder farmers, especially women. I dream of a million acres of pumpkins in Africa.

– Simon N. Groot

East-West Seed Founder & 2019 World Food Prize Laureate



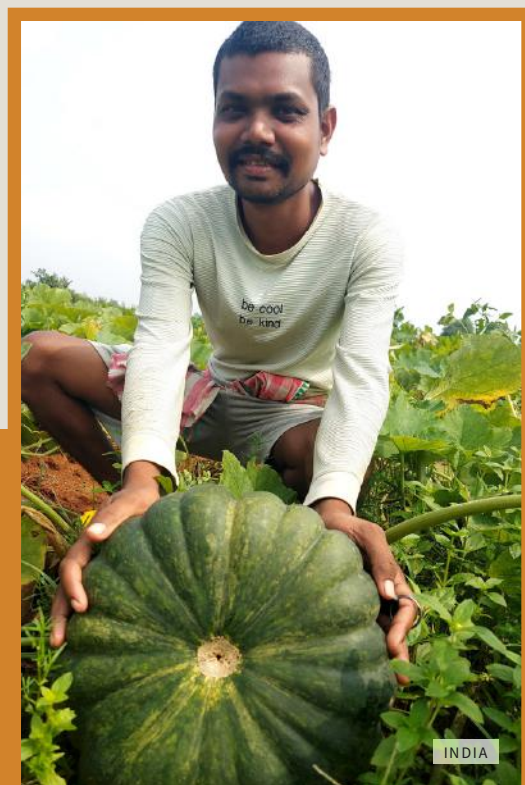
A Climate-Smart Crop for Bangladesh

The resilient pumpkin plant can withstand drought, extreme temperatures, and salinity—increasingly common challenges in the coastal areas of Bangladesh. With better methods and technologies, farmers have the ability to greatly improve their yields and income from this highly adaptable crop. In 2024, we assessed opportunities for advancing pumpkin production in Cox’s Bazar, which would help support the nutritional needs of the area’s 1 million displaced people while contributing to economic growth for local host communities.

Nutrition & Market Potential

Pumpkin cultivation not only offers an exciting livelihood opportunity for smallholder farmers but also broadens consumers’ options for healthy meals. The pumpkin’s leaves, vines, flowers, and fruits—skin, flesh, and seeds—can all be eaten, providing an array of vitamins and minerals, as well as antioxidants, protein, and fiber. The pumpkin seeds and flesh can be dried and stored, or ground into flour, contributing to food security. Due to the pumpkin’s food versatility, it is ideal for both the fresh market and for processing, expanding income opportunities for farmers.

The pumpkin farming transformation spearheaded by EWS-KT is just beginning. Given this crop’s nutritional profile, durability, and wide range of uses, the market potential is immense. We are committed to helping farmers take full advantage of the benefits of pumpkin cultivation—not only in Bangladesh, India, and Uganda but also in Myanmar, Nigeria, South Sudan, and Tanzania—and are actively seeking partners as we accelerate pumpkin farming adoption.



INDIA

Assessing Sustainable Impact

In 2024, we conducted a pilot assessment of the longer-term impact of our work with smallholder farmers in Cambodia and Uganda, with encouraging results.

As part of our monitoring, evaluation, and learning (MEL) strategy, this pilot will help guide the development of a global protocol for regularly measuring our enduring impact on farmers' productivity, income, and adoption of improved farming practices.

The pilot assessment focused on the continued growth and sustainability of our approach by surveying farming communities in Cambodia and Uganda where we worked 3 or more years ago. In addition to giving farmers time to build confidence and experience with improved farming techniques, maintaining this interval between our intervention and the assessment enabled us to determine whether our activities led to sustainable growth in these communities.

In each country, we administered quantitative surveys to a representative sample of farmers we had trained, along with a control sample of other farmers. Survey respondents in Uganda had an average annual production area of 0.44 hectares per farmer, and survey respondents in Cambodia had an average annual production area of 0.22 hectares per farmer.

The assessment focused on **five key indicators of change**, with the following preliminary findings for each.

Initial Findings

Adoption of Good Agricultural Practices

Our training successfully equipped farmers with sustainable farming techniques. In Uganda, 71% of EWS-KT farmers had adopted at least 5 of the 10 recommended practices, while in Cambodia, the adoption level reached 84%. Commonly adopted practices included improved land preparation, protected seedling production, and responsible pest management.

Yield Improvement

EWS-KT farmers in both countries significantly increased their yields. In Uganda, trained farmers produced an average 13.45 metric tons of vegetables in one year, compared to 4.68 metric tons for non-trained farmers. Similarly, Cambodian EWS-KT farmers achieved an average yield of 7.37 metric tons, while their counterparts produced 3.95 metric tons.





Income Growth

Higher yields translated to substantial income gains. Ugandan farmers trained by EWS-KT earned an average gross income of \$3,986 in one year, compared to \$1,469 for non-trained farmers. In Cambodia, trained farmers earned \$2,455, while non-trained farmers made \$1,140.

Market Access & Vegetable Availability

Most farmers relied on local collectors for access to markets. Based on the average land size under production, our work with farmers in the two surveyed areas contributed an estimated 88,824 metric tons of additional vegetables annually for local and regional markets. This is enough to supply approximately 3 million people per year at current consumption rates.*

Access to Agro-Inputs

Farmers in both countries had reasonable access to input suppliers, though high input costs posed a barrier.



Next Steps

This pilot assessment found lasting and substantial positive impacts of our work on farmers' productivity and economic empowerment in Cambodia and Uganda, while also offering valuable insights into the assessment process.

Based on lessons learned, we will refine our approach with a next-stage pilot in India in the first half of 2025, followed by the broader roll out of longer-term impact measurement across all countries. With more robust tools and solid baseline data, we will be well equipped to successfully monitor the continuing impact of our work with smallholder farmers.

* Based on vegetable consumption rates for Cambodia and Uganda at Our World in Data.

Catalyzing Innovative Knowledge Networks



To ensure that more smallholder farmers have the opportunity to learn profitable and sustainable vegetable farming techniques, we are building a core of expertise among farmers, agricultural input dealers, and extension workers. Together with increased access to finance and markets, these local networks of vegetable farming knowledge will drive continued growth in vegetable production.

Community Farmer Trainers

Farmers talk to other farmers—and farmers who are excited about new techniques and technologies are natural advocates for improved farming practices. Our key farmers embrace the opportunity to share their knowledge with fellow farmers and often act in an informal advisory role.

Our Community Farmer Trainer approach builds on this dynamic, empowering selected farmers with the skills and confidence to train other farmers. Community Farmer Trainers (also called Community Farmer Facilitators or Rural Extension Workers) work closely with our Technical Field Officers, gaining experience and expertise that they then share with others in their communities and beyond.



In Bangladesh, Community Farmer Facilitators like Md. Khalilur Rahman are helping to make the business case for vegetable farming. Khalilur, who grows multiple crops, not only provides advice to farmers but now operates a thriving seedling business. Successful entrepreneurs like Khalilur elevate the stature of farmers in the community and position farming as an attractive business venture.

Agro-Input Dealers

When farmers have questions, they often head to their local agro-input dealer—and many input dealers do not have the background to provide high-quality advice. Our online agribusiness and vegetable production certification courses, along with extensive interaction with our staff, equip input dealers with the latest technical knowledge in key areas like fertilization and pest management, enabling them to offer accurate advice to their customers. Trained input dealers are part of a systemic approach to ensuring that farmers have access to the knowledge and agricultural inputs they need to expand their farms and grow their businesses.

Extension Workers & Community Stakeholders

Through our learning farms and in intensive training sessions, we enhance the vegetable production skills and knowledge of government extension workers, trainers from nonprofit organizations, university staff, agricultural graduates, and other stakeholders. Building the capacity of these trainers facilitates knowledge transfer in areas beyond where EWS-KT can reach.



Agro-input dealers like Sani Umar in Nigeria are committed to their customers' success. To improve the advice he provides, Sani completed our online General Vegetable Production course and also participated in an in-person training for agro-input dealers.



In Myanmar, agricultural graduates like Khin Nyein Thu are learning how to guide local farmers and home gardeners in sustainable vegetable production through our 3-month trainer certification program.

The Ripple Effect

In addition to the more formalized programs above, our work catalyzes a wide range of activities that embed knowledge in communities and invigorate the vegetable value chain. Motivated by our trainings, farmers are becoming seed sellers and agro-input dealers, producing seedlings, vermicompost, and neem oil for sale to other farmers; and starting their own consulting businesses on improved vegetable farming techniques. They are also banding together with other farmers in mutual support groups, finance groups, and cooperatives, strengthening the foundations of the vegetable sector.

Advancing Climate-Smart Agriculture

Our climate is changing fast, with increasing volatility and shifting weather patterns that can significantly affect the productivity of smallholder farmers. In addition, many farmers are struggling with reduced soil fertility caused by years of land degradation.

To help farmers thrive in the face of these challenges, we share a number of climate-smart techniques. From restoring soil health to sustainably managing pests and diseases, these practices improve farmers' resilience and contribute to food security for a growing population.

Soil Health & Land Conservation

To regenerate the land and provide crops with the right nutrients, we promote a variety of **organic soil amendments**. In Bangladesh, farmers are producing their own vermicompost (worm manure). Farmers in Indonesia are utilizing biochar (carbon-rich charcoal), while farmers in Myanmar make and apply fish-based and fermented biofertilizers.

Soil that is depleted of nutrients may also need inorganic fertilizers. **Efficient use of fertilizers** through the 4Rs—the right kind, at the right time, in the right amount, and in the right place—feeds plants while minimizing harm to soil health. In our trainings, we emphasize these four guidelines and teach farmers how to decipher fertilizer labels to safely nourish their crops.

Mulching reduces erosion and is a powerful tool for soil moisture conservation. Endlessly creative, smallholder farmers are sourcing organic mulch from whatever they have on hand—from banana leaves and corn stalks to water hyacinth and rice straw.

We also share tailored techniques for **area-specific challenges**. In the Philippines and parts of India, we train farmers in Sloping Agricultural Land Technology (SALT) for turning erosion-prone slopes into sustainable, arable land. In Bangladesh's coastal regions, farmers benefit from improvements to the sorjan method—large, raised rows that mitigate soil salinity and prevent waterlogging.



In collaboration with our knowledge partner **Wageningen University & Research**, we are exploring the benefits of green manuring for soil health in Cambodia, Ghana, India, and Uganda.



Koppert

FOUNDATION

In collaboration with our knowledge partner **Koppert Foundation**, we are engaging in action research on biosolutions for insect pests and diseases. In 2024, we continued to focus on managing bacterial wilt in tomato plants in India, with the goal of replicating findings in farmers' fields and gaining more insights on how to manage the disease under farming conditions.



Integrated Pest Management

To counter widespread misuse and overuse of inorganic pesticides, we educate farmers on **responsible and judicious pesticide use** and introduce them to integrated pest management (IPM).

Farmers following IPM prioritize **preventive practices** like choosing resistant varieties, optimal spacing between plants, trellising to keep plants off the ground, and mulching as a barrier to soil-borne pathogens. To manage insect pests, they employ water traps, sticky traps, sweet traps, and pheromone traps, along with biocontrol agents like *Bacillus thuringiensis* (a soil-dwelling bacterium that is a natural pesticide) and Trichogramma (parasitic wasps). Biopesticides like neem oil can be used for both prevention and treatment.

Available in Bangladesh, Ghana, Myanmar, and Uganda, our **pesticide selection tool** provides the latest information on biological and inorganic pesticides. This digital resource facilitates responsible pesticide use, steering farmers away from highly hazardous products affecting non-targeted organisms.

Protected Cultivation

Increasingly, we are exploring **protected cultivation** as a good practice for climate resilience, especially in Cambodia and the Philippines. This method entails growing vegetables under netting or protective sheeting. It enables year-round cultivation, as crops are shielded from insect pests, diseases, and adverse conditions like temperature extremes and too much or too little rain.

Toward Profitable & Sustainable Farms

In addition to the techniques highlighted above, carefully selecting vegetable **crops and varieties** that are well suited to the farmer's field conditions—with a greater tolerance to drought, salinity, or high temperatures, or more resistance to insect pests and diseases—also contributes to a successful harvest.

These climate-smart approaches not only increase farmers' short-term productivity but contribute to long-term sustainability.



VERMICOMPOSTING
BANGLADESH



SETTING UP A SWEET TRAP
GHANA

Global Impact 2024

Field Training

We directly trained 150,629 smallholder farmers in 2024 through our proven field-based activities in Africa and Asia. We also continued to support farmers trained in previous years, helping them to address challenges like pest management and providing guidance on adopting improved vegetable production techniques. In addition, we began to hold refresher sessions in some countries to keep previously trained farmers' knowledge up to date.

Nearly 45% of the farmers we trained in 2024 were women, and almost 50% were under the age of 35. In addition to catalyzing local economic growth, our work is boosting women's financial capacity and preparing the next generation of vegetable farmers for sustainable success.

Media Outreach & Online Learning

Complementing our field training, we reached farmers through social media, radio programs, online platforms and mobile apps, and printed guides on crops and techniques.

Our informational YouTube videos, which now number over 400, attracted more viewers again this year, and the time they spent watching increased by 20%. On Facebook, where we interact with farmers through global and country-based groups, we experienced a 14% increase in engagement in 2024. Of particular note, our Nigeria-based Facebook group grew from 173,573 members at the beginning of the year to an impressive 369,379 by year's end.

Users of our GrowHow learning platform more than tripled in 2024, from 41,000 to nearly 150,000, and almost 1,500 farmers, trainers, and agro-input dealers completed our Vegetable Production Beginner, Crop Advisor Training, and Agrobusiness certification courses. We also launched an Africa-focused version of our VeggieTap learning app, which is now available in 10 languages.

We continually look for innovative ways to reach farmers. In Myanmar, we began to partner with the agricultural mobile app Green Way, sharing our vegetable production expertise with Green Way's 300,000 users. In Ghana, we gave new life to our 3-month radio series on vegetable farming by releasing it as a podcast later in the year.

Through a combination of direct and indirect activities, we are opening opportunities for smallholder farmers to improve their livelihoods and lives through vegetable farming.

All data in the following pages is as of 31 December 2024.



FIELD TRAINING 2024

150,629

Newly trained farmers

Men

56%

Women

44%

Age <35

49%

35+

51%

4,994

Demo plots established

13,144

Training events

948,494

TOTAL FARMERS
TRAINED SINCE 2015



NIGERIA

MEDIA OUTREACH 2024

1.1M

Social media
followers

26.2M

Facebook reach

3.3M

Estimated radio
listeners

202K

Printed crop
guides distributed

713K

YouTube views



INDIA

Scan the code
to access our
channels



Bangladesh

For more on our work in Bangladesh, visit

ews-kt.com/location/bangladesh

2024 HIGHLIGHTS

A Network of Community Experts

Community Farmer Facilitators (CFFs)—key farmers who have received intensive training on core topics at our learning farm—play a growing role in providing essential advisory services in rural areas, ensuring that more farmers have access to vital information. Some CFFs have also begun related businesses, such as selling quality seeds, seedlings, or compost, that highlight additional income opportunities for farmers. In 2024, most CFFs worked closely with our staff on farmer training; looking ahead, CFFs will focus on supporting farmers as they adopt improved techniques.

Boosting Climate Resilience

Farmers contended with difficult weather conditions in 2024, from cold snaps and extreme heat to heavy rain and flash floods. Our learning farm in Faridpur, established in late 2023, showcases climate-resilient technologies and accelerates the adoption of sustainable farming practices. In 2024, 1,500 farmers visited, gaining knowledge about vermicomposting, sorjan farming, and other tools for coping with climate change's adverse impacts. Attracting diverse stakeholders, the learning farm has elevated EWS-KT as a trusted resource for technical farming expertise.

BANGLADESH RESULTS 2024

10,869

Newly trained farmers

Men

41%

Women

59%

Age <35

48%

35+

52%

302

Demo plots

235

Home gardens

1,411

Training events

Demo Plot Results

Average net profit

\$248

per crop cycle (500 sq. m.)

Crop with highest average net profit (500 sq. m.)

\$311

Bitter Gourd



BANGLADESH 2024 CHANGE STORY

From Home Gardening to Commercial Success



“The EWS-KT techniques are excellent, and I will continue to follow them in my farming.”

With new knowledge and skills, women in rural Bangladesh are making the journey from home gardening to commercial farming. For 30-year-old Mst. Asma Akter, the story starts with a small plot and a big dream.

Asma, from Patuakhali district, began learning home gardening methods from EWS-KT in February 2024. Growing bitter gourd, bottle gourd, okra, yard long bean, hot pepper, and pumpkin, she invested 5,459 taka (US\$45) in her home garden demo plot. Her efforts quickly

bore fruit. She sold two-thirds of her vegetables, earning about 12,000 taka (US\$99), with her family of five consuming the rest.

Through EWS-KT’s training program, Asma learned advanced techniques like nursery production of seedlings, single-seedling planting, mulching, and using pheromone traps to manage pests. Initially farming on 200 square meters of land, she has since expanded to over 2,800 square meters. This major increase in vegetable production has enabled her to achieve better nutrition for her family while bringing in additional income.

Inspired by her success, the women who attended trainings at her home garden have also started growing vegetables to feed their families—and, in one case, to sell as well.

Going forward, Asma plans to grow bitter gourd, pumpkin, and bottle gourd for the market. Her ambition is to further expand her land and establish herself as a commercial vegetable farmer.

Asma’s transformation highlights the potential of knowledge transfer to empower individuals to create sustainable livelihoods.

Cambodia

For more on our work in Cambodia, visit

ews-kt.com/location/cambodia

2024 HIGHLIGHTS

Advancing Agroecology

To help farmers cope with climate change, we have been advancing agroecological, adaptive, and off-season vegetable production practices. The farming methods we introduce include techniques like crop rotation, intercropping, organic pest control, drip irrigation, soil enrichment with organic matter, and tomato grafting. These and other practices increase farmers' long-term resilience and yields by restoring soil health, conserving resources, and harnessing adaptive innovations to address challenges like bacterial wilt.

First Learning Farm

We opened our first learning farm in Cambodia in 2024, in collaboration with National Meanchey University. This hands-on learning hub demonstrates how agroecology combines traditional knowledge with modern science to improve soil health, enhance biodiversity, and reduce dependence on inorganic inputs. In addition to showcasing sustainable practices, the farm serves as an agricultural research station and as a training site for students and faculty, farmers, extension workers, and other stakeholders.

CAMBODIA RESULTS 2024

6,879

Newly trained farmers

Men

37%

Women

63%

Age <35

15%

35+

85%

Demo Plot Results

Average net profit

\$244

per crop cycle (500 sq. m.)

397

Demo plots

610

Training events

Crop with highest average net profit (500 sq. m.)

\$351

Cauliflower



CAMBODIA 2024 CHANGE STORY

Lifelong Learning for Better Yields

Thailong Nich left school after grade 9 to help support his family—but 5 years later, he has not stopped learning.

Now age 20, he farms alongside his mother, cultivating cucumber, cabbage, spring onion, and bitter melon. Thailong has three younger brothers, and the proceeds from his vegetable farming support his brothers' education, as well as the family's other needs.

When EWS-KT came to his village in Kampong Cham province in July 2024, Thailong saw an opportunity to continue his education. "I used to grow crops using simple methods taught by my mom. I was curious to learn new techniques in vegetable production, which is why I decided to join the Grow Against the Flow project," he explained.

He received extensive training in various farming techniques, including land preparation, mulching, seed production, drip irrigation, pest control, fertilization, and business planning. Under the guidance of EWS-KT staff, he put these methods into practice, growing bitter

gourd and cucumber. He was particularly grateful for EWS-KT's support in identifying pests and explaining effective management strategies—including preventive practices like trellising, which keeps the fruits off the ground and facilitates monitoring for pests and diseases.



"I have learned a lot from the Knowledge Transfer team. The technical knowledge they provide is new for me and more effective than my previous farming style. It has notably helped me to improve my yields."

Ghana

For more on our work in Ghana, visit

ews-kt.com/location/ghana

2024 HIGHLIGHTS

New Practices for Better Livelihoods

Our first full year of fieldwork in Ghana brought noticeable changes to farmers' productivity and practices. New seedling systems—including eco-friendly leaf pots—are the most adopted technique. Farmers are also eager to use land preparation techniques like raised beds, optimal plant layout, trellising, and mulching, and to select improved vegetable varieties for their agronomic and marketing traits. Completing the top 5 adopted practices are effective nutrient management and responsible pest and disease management, providing farmers with a strong foundation for future growth.

Facilitating Connections to Markets

Our first Market Linkages Officer is leading the effort to improve market access for farmers. She started by gathering and sharing information on pricing trends, quality standards, and buyer requirements so farmers could effectively plan their crop cycles. She also set up a WhatsApp group to connect buyers and farmers. So far, she has built relationships with 10 market leaders and 120 vegetable marketers, linking them to EWS-KT farmers. Having direct access to reliable markets has enabled farmers to sell their produce at better prices, reduce their reliance on middlemen, and minimize post-harvest losses.

GHANA RESULTS 2024

7,338

Newly trained farmers

Men

52%

Women

48%

Age <35

40%

35+

60%

Demo Plot Results

Average net profit

\$255

per crop cycle (500 sq. m.)

235

Demo plots

1,020

Training events

Crop with highest average net profit (500 sq. m.)

\$370

Onion





GHANA 2024 CHANGE STORY

Turning Technique into Triumph

Bismark Kwadwo Denetah, a 32-year-old farmer in the Bono East region, had been growing cabbage and pepper for 6 years. Despite his hard work, he struggled with low yields and poor returns. He relied on rainfall for his crops and often encountered water management challenges.

In 2023, Bismark experienced a net loss from his farming. He was determined to turn things around. In mid-2024, he began to participate in trainings organized by EWS-KT staff. In all, he attended 10 training sessions covering multiple topics, and he applied the improved farming techniques he learned to his own fields.

Through his use of good agricultural practices like quality seedling production, proper spacing, and mulching for better moisture retention, Bismark saw his cabbage field grow lush and healthy.

At harvest, he was thrilled to gather 150 bags of fresh cabbage, a record for his 2.5-acre farm. Selling his produce at the market, he earned an impressive 60,000 cedis (US\$4,000), transforming his modest investment of 12,000 cedis (US\$800) into substantial returns.

Bismark's success not only has improved his finances but has given him a sense of pride and accomplishment. After paying off his debt from the previous year, he invested some of his earnings in irrigation pumps for his field—demonstrating his commitment to enhancing his livelihood through sustainable practices.

Bismark's agricultural transformation has also inspired his neighbors to adopt improved farming methods, as his story shows that even small investments can lead to extraordinary results when paired with effective techniques.



India

For more on our work in India, visit

ews-kt.com/location/india

2024 HIGHLIGHTS

Raising Productivity in Assam

Our first partner-supported project in Assam state, co-funded by De Eik Foundation, began in March 2024. Farmers in Assam struggle with low and stagnant vegetable yields, due in large part to lack of exposure to improved farming practices and knowledge. Pairing agronomic and business training, this 3-year project aims to increase the capacity of 22,500 smallholder farmers to build resilient livelihoods in vegetable production and increase nutritional security.

Accelerating Technique Adoption

After farmers gain vegetable production experience through demonstration plots—whether their own or a neighbor’s—it is time to start applying the techniques they have learned on a larger scale. In 2024, we began to provide trained farmers with individualized support for adopting the latest vegetable production methods, offering technical advice on everything from land preparation and crop choice to pest management and fertilizer application.

INDIA RESULTS 2024

21,200

Newly trained farmers

Men

67%

Women

33%

Age <35

44%

35+

56%

Demo Plot Results

Average net profit

\$342

per crop cycle (500 sq. m.)

550

Demo plots

11

Home gardens

1,703

Training events

Crop with highest average net profit (500 sq. m.)

\$590

Tomato



INDIA 2024 CHANGE STORY

From Key Farmer to Rural Extension Worker

Mina Mahanta, a 33-year-old farmer in Odisha state, is always eager to learn new techniques for vegetable farming.

In 2023, this led her to set up a bitter melon demonstration plot with the help of Gandhari Patra, a Senior Rural Extension Worker with EWS-KT. Through the demo plot, Mina learned a variety of improved vegetable farming techniques, such as seedling preparation in a nursery, raised beds, trellising, and integrated pest management. Her demo plot flourished, producing 7,000 kilograms of high-quality bitter melons, and her success became the talk of the village.

The transformation in Mina's plot inspired many farmers in her village to begin growing vegetables, and 15 farmers adopted improved techniques—a testament to her influence and dedication.

In 2024, recognizing Mina's potential, EWS-KT asked if she would like to become a Rural Extension Worker. In this role, she enthusiastically shares her knowledge with other farmers. Last year, she organized 20 training sessions and 4 Field Days across 13

demo plots, reaching more than 300 farmers. She even organized exposure visits to EWS-KT's Center of Excellence learning farm in Keonjhar, bringing 400 farmers from different villages to experience innovative farming practices.

A trailblazer, Mina recently decided to cultivate watermelon—a new crop for her village. She also plans to become a seedling supplier to earn extra income and ensure that farmers have access to quality seedlings.

Through hard work, dedication, and a spirit of sharing knowledge, Mina has become a role model in her village, transforming the lives of the farmers around her.



Indonesia

For more on our work in Indonesia, visit

ews-kt.com/location/indonesia

2024 HIGHLIGHTS

Advancing Biochar for Soil Health

A new collaboration between Yayasan Bina Tani Sejahtera (YBTS), WasteX, and Agathis Dammara Karbon is promoting the use of biochar—carbon-rich charcoal produced from biomass—as a natural soil amendment. Supported by the P4G Partnerships–WRI, this initiative aims to enhance soil quality, reduce inorganic fertilizer use and carbon emissions, and improve crop yields and farmers’ incomes across Java. Initial results include a 35% increase in yields and an almost 50% boost in average income.

Supporting Underserved Farmers

With support from DeEik Foundation and EWS-KT, YBTS launched a project in Papua that focuses on Indigenous farmers, who generally have little previous exposure to vegetable farming, and transmigrant farmers, who experience low vegetable yields. To ensure long-term impact, the project is preparing local farmers as Community Farmer Facilitators who foster adoption and replication of good agricultural practices.



All activities in Indonesia are conducted by EWS-KT sister organization Yayasan Bina Tani Sejahtera (www.binatani.or.id).

INDONESIA RESULTS 2024

10,350

Newly trained farmers



1,456

Demo plots

4

Home gardens

1,102

Training events

Demo Plot Results

Average net profit

\$322

per crop cycle (500 sq. m.)

Crop with highest average net profit (500 sq. m.)

\$578

Tomato

All data provided by YBTS.



INDONESIA 2024 CHANGE STORY

Cultivating Prosperity in Central Papua

In Nabire Regency, a determined 23-year-old named Melan Pigai is making impressive strides in transforming her life and community. Growing up in a family of farmers who struggled to make ends meet, Melan faced numerous challenges in pursuing her education. The financial burden nearly halted her dreams of attending college, but her prospects changed when she encountered Yayasan Bina Tani Sejahtera (YBTS).

Under the guidance of YBTS Technical Field Officer Sepriyason Kono, Melan was introduced to modern agricultural techniques that significantly increased her family's harvests. Learning how to identify and effectively manage pests and diseases improved the health and yield of her crops. Melan also embraced True Shallot Seed technology, a more efficient method than traditional shallot cultivation using bulbs.

This newfound knowledge not only enhanced her family's financial stability but helped finance her education. Encouraged by her success, Melan became a Community Farmer

Facilitator with YBTS under the Enhancing Smallholder Farmers' Income and Livelihood project, supported by De Eik Foundation and EWS-KT. She assisted over 500 farmers in this role, spreading knowledge and sustainable farming practices. In January 2025, her talent for advising farmers was rewarded with a new job as a YBTS Technical Field Officer.

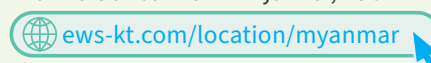
Melan is especially keen on empowering women in agriculture, believing firmly in their potential to drive community progress.

“When women are empowered, the entire community feels the impact.”



Myanmar

For more on our work in Myanmar, visit



2024 HIGHLIGHTS

Reaching Distant Farmers

This was the third year for our intensive training-of-trainers program, which prepares agriculture graduates and other young people as community experts in vegetable production. In 2024, we certified three cohorts of program participants as community trainers. They then returned home to share their new knowledge and practical experience with farmers and home gardeners in their communities. This initiative is particularly important in the current environment, as these new trainers are able to work in areas that our staff cannot safely reach.

Navigating Challenges

2024 was characterized by increased security concerns, restrictions on travel and communications, and limited internet connectivity in some areas. This led to changes in how we shared knowledge with farmers in the field. Some project locations had to shift, and in-person training was held with smaller groups of farmers. We also increasingly guided farmers in vegetable production through our VeggieTap learning app and Green Way, a popular agricultural app in Myanmar that shares our content on vegetable farming.

MYANMAR RESULTS 2024

6,618

Newly trained farmers



Demo Plot Results

Average net profit

\$290

per crop cycle (500 sq. m.)

793

Demo plots

316

Training events

Crop with highest average net profit (500 sq. m.)

\$467

Tomato

Due to the challenging situation in Myanmar, the number of demo plots and key farmers includes data that has not been entered into our tracking system.



MYANMAR 2024 CHANGE STORY

A Vision for Markets

Ko Naing works as a laborer at his township's wholesale vegetable market in southern Shan state. But the 29-year-old is also a farmer, renting land to grow crops like tomato and leafy vegetables. He thought there would also be a profitable local market for cucumber, since no one was selling it, but he did not know how to successfully produce cucumber at the commercial level.

Seeing EWS-KT Technical Field Officer Ko Than Oo at a neighboring farmer's field, Ko Naing approached him for advice on how to grow cucumber. Ko Than Oo invited Ko Naing to work with him as a key farmer under the Foster Veg project and helped him to set up a demonstration field so he could learn cucumber production firsthand.

Ko Naing implemented techniques such as seed trays for seedling production, trellising, and responsible use of pesticides. When his cucumber vines covered the whole field with a green carpet, the neighbors took notice. They were especially impressed by the trellis nets, a technique they had never seen before.

From a 0.1-acre demonstration plot, Ko Naing produced 5,000 cucumbers, with a 146% return on investment. He was the first successful cucumber farmer in his township, and his farm became a model for his neighbors to replicate.



“I am saving money to buy my own land for vegetable production because I am considering doing agriculture as my livelihood in the future. I have confidence that I can do this successfully.”

Nigeria

For more on our work in Nigeria, visit

ews-kt.com/location/nigeria

2024 HIGHLIGHTS

Showcasing Systemic Solutions

Lauded by the First Lady of Nigeria as “a bold step . . . to upgrade our farming systems and food security through sustainable agriculture,” our new learning farm in Abuja joins two established learning farms in Kano and Zaria. With the goal of equipping smallholder farmers with cutting-edge skills in vegetable farming, the University of Abuja Vegetable Farming Learning Site showcases advanced agricultural practices and eco-efficient solutions that can significantly improve farmers’ livelihoods.

New Project to Ease Farmer Challenges

We launched the DELIVER Nigeria project in 2024 with partners GAIN and Wageningen University & Research, with co-funding from the Netherlands Enterprise Agency. This 3-year initiative addresses farmer challenges such as low crop yields, limited market access, high post-harvest losses, and inadequate access to finance. Training prioritizes climate-resilient practices, harvest management, and marketing techniques, complemented by finance and nutrition components.

NIGERIA RESULTS 2024

36,827

Newly trained farmers



666

Demo plots

26

Home gardens

4,461

Training events

Demo Plot Results

Devaluation of the Nigerian naira means lower profits when expressed in US dollars. The average net profit in naira was 252,357.

Average net profit

\$157

per crop cycle (500 sq. m.)

Crop with highest average net profit (500 sq. m.)

\$481

Hot Pepper



NIGERIA 2024 CHANGE STORY

A House Built by Vegetables

Shafaatu Yahaya, a 28-year-old mother of four in Kano state, exemplifies the potential of women in agriculture. As a key farmer with the HortiNigeria project, Shafaatu had two goals: to enhance her family's nutrition with fresh vegetables and to generate income to support her household.

She learned modern agronomic practices such as seedling raising, bed preparation for the rainy and dry seasons, calibrated fertilizer application, mulching, and trellising. Carefully implementing these techniques in her 250-square-meter demonstration plot, she cultivated cucumber during the rainy season and tomato in the dry season.

Shafaatu's commitment extended beyond her farm. She encouraged other women in her community to attend training, fostering collective growth and knowledge sharing.

Despite challenges with whiteflies and other insect pests, her hard work paid off. Shafaatu harvested over 520 kilograms of cucumbers and 600 kilograms of tomatoes, selling the cucumbers to traders and taking the tomatoes to the local market.



“I wanted my family to eat fresh and healthy vegetables, while also supporting my husband. This training gave me the knowledge and confidence to achieve both.”

Her income made it possible for her husband to finish building their family home. “When I saw how much I earned, I knew it was time to help. Today, we live in a beautiful house, and it feels like a dream come true,” she said.

Pleased with her new skills, Shafaatu already has plans to grow more vegetables in the next season.

Philippines

For more on our work in the Philippines, visit

ews-kt.com/location/philippines

2024 HIGHLIGHTS

Promoting Vegetable Intercropping

We launched a new project in 2024 with BIMP-EAGA-ROK Cooperation Fund to advance food sustainability, market facilitation, and inclusive value chains for smallholder farmers in Zamboanga Peninsula. With a focus on intercropping vegetables with perennial crops like coconut and cacao, the ZamPen SIVI project will train 12,600 farmers in Good Agricultural Practices (GAP) and Natural Farming System technologies, while expanding market access for producers of high-quality vegetables.

Government Recognition

After a rigorous process, EWS-KT Philippines was accredited as a national Extension Service Provider by the Department of Agriculture's Agricultural Training Institute. In this new capacity, we piloted a specialized training in August on onion production. This 3-day program covered onion cultivation to marketing for participating youth representatives, women farmers, and leaders of farmer cooperatives.

PHILIPPINES RESULTS 2024

12,944

Newly trained farmers

Men

49%

Women

51%

Age <35

29%

35+

71%

Demo Plot Results

Average net profit

\$375

per crop cycle (500 sq. m.)

140

Demo plots

125

Training events

Crop with highest average net profit (500 sq. m.)

\$572

Sweet Pepper



PHILIPPINES 2024 CHANGE STORY

Engineering Excellence Meets Agriculture

Kristine Joice Santos exemplifies the next generation of modern Filipino farmers. A 25-year-old licensed engineer from Castillejos, Zambales, she is transforming her family's farm through innovative agricultural practices.

Rizen's Farm began with hydroponic lettuce cultivation, but Kristine's agricultural vision expanded after attending an EWS-KT Field Day in late 2023. Inspired by the farmers' demonstrations of improved techniques and their enthusiastic testimonials, she enrolled with EWS-KT in a PhilRice-supported project to enhance her farming knowledge.

Through intensive training, Kristine mastered an array of essential techniques, including climate-smart practices like mulching and sustainable trellis systems. She particularly appreciated learning about responsible fertilizer application and pest management.

Putting these methods into practice, Kristine diversified her crops to include cucumber, tomato, okra, eggplant, and watermelon, focusing on both their market potential and their nutritional value for her family.

Her dedication to superior vegetable farming culminated in a significant achievement in April 2024, when Rizen's Farm received certification from the Philippine Good Agricultural Practices (PhilGAP) program—a process supported by EWS-KT Specialists and fellow farmers. This milestone validated her commitment to producing high-quality agricultural products while bridging the gap between engineering precision and sustainable farming practices.

"I urge young people like myself to consider farming as a career path . . . You could be part of the next generation that revolutionizes farming."



South Sudan

For more on our work in South Sudan, visit

ews-kt.com/location/south-sudan

2024 HIGHLIGHTS

Building Trainers' Capacity

In 2024, we ramped up our efforts to strengthen the expertise of sector professionals in South Sudan, thanks to co-funding from AGFUND and the Netherlands Enterprise Agency (RVO). We provided training on general vegetable production and climate-smart techniques to NGO and government agricultural extension specialists, including staff from partner ZOA Dorcas. Through these initiatives, we are building a network of knowledgeable trainers to support the country's smallholder farmers.

University Partnerships

Our work in South Sudan is centered around partnerships with the University of Juba and Dr. John Garang Memorial University of Science and Technology. Our learning farms at both universities serve as training sites for farmers, agriculture students, and other stakeholders—including the agriculture sector professionals who participated in our training-of-trainers activities in 2024. These campus-based programs complement our limited farmer-run demonstration plots in the Bor and Juba areas.

SOUTH SUDAN RESULTS 2024

1,522

Newly trained farmers

Men Women

65%

35%

Age <35

35+

39%

61%

9

Demo plots

36

Training events

As most of our farmer training in 2024 took place at our learning farms, crop data from farmer-run demonstration plots is not yet available.





SOUTH SUDAN 2024 CHANGE STORY

A Passion for Farming

As a student at the University of Juba, 27-year-old Nelson Tongun is studying social work, not agriculture. But he has, in his own words, a passion for farming.

In early 2023, Nelson paid a visit to the learning farm set up by EWS-KT at the university and was intrigued by what he saw. Although he was already growing vegetables, he had little knowledge about things like crop varieties and seedling nurseries.

When he learned in 2024 that EWS-KT was going to train vegetable farmers in his village of Rajaf East, Nelson knew he wanted to be involved. He expressed an interest in hosting a demonstration plot to implement the improved techniques he had seen at the learning farm, and he was excited to be selected.

Using his 250-square-meter watermelon demo plot as a training site, EWS-KT staff trained Nelson and other young vegetable farmers in variety selection, seedling production, responsible use of agrochemicals, appropriate fertilization, and other topics, including

business planning and understanding market demand.

“I have never before got the kind of knowledge that EWS-KT has provided to me with my fellow youth in our village.”



Nelson has now expanded his vegetable farm, and he is putting his new knowledge to good use—after studying the market trends, he decided to grow half an acre of tomato and one acre of watermelon to capitalize on anticipated demand for these crops during the dry season.

Tanzania

For more on our work in Tanzania, visit

ews-kt.com/location/tanzania

2024 HIGHLIGHTS

A Focus on Youth

We were excited to join the USAID-funded Feed the Future Kilimo Tija project in mid-2024. With lead partner ACIDI/VOCA, we made impressive strides in equipping young people with the skills, knowledge, and experience for profitable careers in the vegetable sector. The momentum we were building slowed after the abrupt loss of USAID funding in January 2025. While we have been able to maintain scaled-down operations with our core funding from East-West Seed, we are seeking new partnerships to achieve the impact we had expected from this 3-year project.

Connecting the Farming Sector

To maximize the impact of our training, we adopted a One-Stop Center approach in 2024 to connect farmers with key stakeholders. During Farmer Field Day events, we strategically bring together agro-input suppliers, seedling raisers, nutritionists, government extension officers, market analysts, and financial advisors to ensure that farmers receive holistic support to boost productivity and sustainability.

TANZANIA RESULTS 2024

17,417

Newly trained farmers

Men

61%

Women

39%

Age <35

63%

35+

37%

189

Demo plots

10

Home gardens

638

Training events

Demo Plot Results

Average net profit

\$519

per crop cycle (500 sq. m.)

Crop with highest average net profit (500 sq. m.)

\$631

Tomato



TANZANIA 2024 CHANGE STORY

From Struggle to Success

Bahati Charles, a 30-year-old farmer from the Kahama area, has found the key to vegetable farming success. He initially grew tomato, sweet corn, and rice on a half-hectare farm, but his low yields did not reflect the potential of his land. Limited agricultural knowledge and challenges with pests and diseases held him back.

Bahati's journey took a positive turn after connecting with Martin Kisamba, the Community Farmer Trainer who manages the EWS-KT learning farm in Kahama. In addition to participating in hands-on training at the learning farm, Bahati followed the EWS-KT printed crop guides, which provide step-by-step guidance for growing individual crops, and learned from other farmers who have been using improved techniques. He learned valuable lessons about farm planning, seed selection, land preparation, fertilizer use, and pest and disease management.

With this new knowledge, Bahati changed his farming methods. Focusing on tomato and onion, he began the next season by creating a business plan and properly preparing his land.

He now uses quality seeds and appropriate fertilization, while carefully monitoring his crops for pests and diseases. These changes have led to a significant increase in his production and a nearly 4-fold increase in his income.

This success has allowed Bahati to buy new land to expand his farming, acquire cattle to help with farming tasks and provide nourishing manure for his crops, and build a new house that has improved his family's living standards. Today, his farm is not only a source of personal success but also a learning center for other farmers in the area.



Uganda

For more on our work in Uganda, visit

ews-kt.com/location/uganda

2024 HIGHLIGHTS

Green Manuring for Soil Health

Supported by the Netherlands Ministry of Agriculture, Nature and Food Quality, our green manure project seeks to reduce the use of inorganic fertilizers by identifying natural alternatives that can help farmers to achieve high yields. Incorporating nutrient-rich biomass (green manure) into the soil enhances organic matter, nutrient cycling, and overall soil health. In addition to action research on the most effective green manure crops, we are introducing farmers to green manuring through our learning farms and demonstration plots.

Expanding Access to Finance

Limited access to finance makes it difficult for farmers to invest in and expand their businesses. In 2024, we began piloting an innovative approach to farmer finance that combines improving the skills of vegetable farmers and developing farmer credit scores. In collaboration with Financial Access Consulting Services and with co-funding from the Austrian Development Agency, we are focused on developing a replicable model that expands access to finance for the country's smallholder farmers.

UGANDA RESULTS 2024

18,665

Newly trained farmers

Men

41%

Women

59%

Age <35

56%

35+

44%

Demo Plot Results

Average net profit

\$255

per crop cycle (500 sq. m.)

257

Demo plots

103

Home gardens

1,722

Training events

Crop with highest average net profit (500 sq. m.)

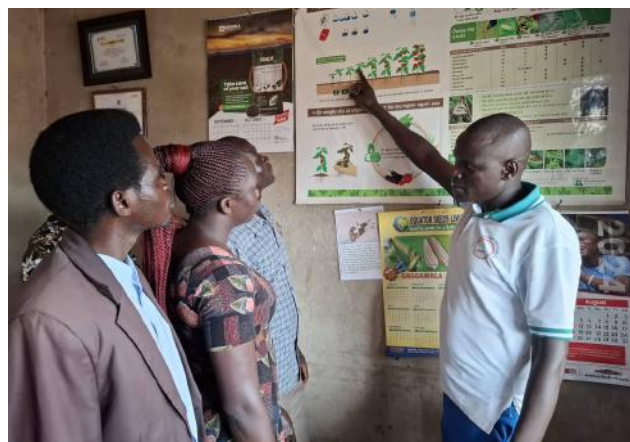
\$302

Tomato



UGANDA 2024 CHANGE STORY

Journey to Rural Prosperity



Amos Amazo is a primary-school teacher—and so much more. Four years ago, he decided to venture into vegetable farming to boost his household income. Today, he not only grows vegetables for the market but also runs an agro-input business in Okpotane village, in Terego district.

Amos started small, establishing a tomato demonstration plot with EWS-KT. His first demo plot brought convincing returns, prompting him to expand his vegetable production—and motivating the neighbors who trained at his demo to do the same.

However, their collective interest in improved vegetable production faced a setback: access to quality agricultural inputs was a challenge, with the nearest agro-input shop over 25 kilometers away. Seeing an opportunity, Amos decided to establish his own.

“As the number of vegetable farmers consulting me increased, the more they trusted me to go and buy for them quality agro-inputs. It was then that I developed an idea to start an agro-input shop in our community.”

He began slowly, stocking high-demand seeds, fertilizers, fungicides, and other inputs. Since then, he has seen his business steadily grow, from an average of 27 clients per week in 2021 to 217 clients per week today. He and his shop attendant not only sell products but also provide quality agronomic advice to ensure that farmers get the best out of what they purchase.

EWS-KT continues to mentor Amos in his agricultural pursuits, and his agro-input business is helping to meet the increased demand for quality inputs spurred by EWS-KT’s training activities in the area.

Partnerships

Partnerships are critical to expanding our impact beyond our core operational support from East-West Seed. In 2024, nearly 40% of our funding came from diverse partners, including foundations, NGOs, government agencies, and private-sector actors. This support enabled us to reach more farmers and expand into new regions.

Key 2024 highlights include our first corporate partnership with a Dutch company, co-investing in livelihoods projects in India and Indonesia; new collaborations with the Accelerating Resilient Food Systems in Africa (ARFSA) program, led by the Netherlands Enterprise Agency (RVO), to improve nutritional security and incomes in Nigeria and South Sudan; a partnership with the Austrian Development Agency (ADA) to increase financial access for farmers in Uganda; and a joint project with the BIMP-EAGA-ROK Cooperation Fund (BKCF), managed by Global Green Growth Institute (GGGI), to support smallholders in the Philippines. As we enter the final year of our current strategic cycle, we are focused on building diverse and resilient partnerships to sustain our mission and grow our impact.





Interested in partnering with us?
Contact us for more information

ews.kt@eastwestseed.com

Partner Projects in 2024

Bangladesh 2020-2025	Smart Farming, Healthy Food: Developing Sustainable and Climate-Resilient Smallholder Vegetable Production and Supply Systems in the Barisal and Chittagong Districts of Bangladesh	Funding partner: Netherlands Enterprise Agency (RVO) SDGP Program Implementing partners: Solidaridad Netherlands (lead partner); Solidaridad Network Asia Limited; Department of Agricultural Extension
Cambodia 2023-2025	Nurture Veg—Nurturing Sustainable Practices for Smallholder Vegetable Farmers	Funding partners: Swiss Agency for Development and Cooperation (SDC); HEKS/EPER; Caritas Switzerland
Cambodia 2020-2024	Grow Against the Flow: Scaling Off-Season Vegetable Innovations in Cambodia and Lao PDR	Funding partner: World Vegetable Center Implementing partners: Department of Agriculture, Lao PDR; iDE
Ghana 2023-2025	Transforming Vegetable Farming as a Business	Funding partner: Embassy of the Kingdom of the Netherlands in Accra
India 2024-2027	Enhancing Smallholder Farmers' Income and Livelihoods with Profitable Vegetable Production Practices	Funding partner: De Eik Foundation
India 2023-2025	Improving Soil Health, Food Security, Nutrition, Incomes, and Soil Fertility in India and Uganda Through Use of Green Manures	Funding partner: Dutch Ministry of Agriculture, Nature and Food Quality Implementing partner: Wageningen University & Research
India 2019-2025	Good Farming, Good Food: Sustainable Food and Nutrition Security and Transforming Smallholders' Livelihood in Madhya Pradesh, India	Funding partner: Netherlands Enterprise Agency (RVO) SDGP Program Implementing partners: Solidaridad Netherlands (lead partner); Vippy Industries; Madhya Pradesh State Rural Livelihood Mission; Solidaridad Network Asia Limited; Samarth Kisan Producer Company Limited

Indonesia 2024-2027	Enhancing Smallholder Farmers' Income and Livelihoods with Profitable Vegetable Production Practices in Papua, Indonesia	Funding partners: De Eik Foundation; East-West Seed Knowledge Transfer Foundation
Indonesia 2024-2026	WasteX-Bina Tani Partnership: Empowering Farms with Sustainable Biochar Solutions	Funding partner: P4G Partnerships–WRI Implementing partners: WasteX; Agathis Dammara Karbon
Indonesia 2022-2024	Let's Grow! Youth Upskilling for Employment in Vegetable Farming	Funding partner: Ganesha Foundation Implementing partner: Department of Agriculture and Food Security
Indonesia 2023-2024	Empowering Youth, Building Papua	Funding partner: Kopernik
Indonesia 2021-2024	Food Security Program: Improving Agricultural Livelihoods Through a Pragmatic Approach in Anambas Islands Regency	Funding partner: MedcoEnergi Implementing partner: East-West Seed Indonesia
Myanmar 2023-2025	Fostering Resilience Through Vegetables (Foster Veg): Improving the Income and Resilience of Smallholder Farming Communities in Southern Shan State Through Skills Building and Market Development in the Vegetable Sector	Funding partners: Swiss Agency for Development and Cooperation (SDC); HEKS/EPER
Myanmar 2022-2024	Transforming the Lives of Smallholder Vegetable Farmers for Income, Nutrition and Market Access in Rakhine	Funding partner: Livelihoods and Food Security Fund (LIFT)
Nigeria 2024-2027	DELIVER Nigeria (DEcent LIVelihoods for small-scale producers delivered through Economic & Resilient food systems in Nigeria)	Funding partner: Netherlands Enterprise Agency (RVO) ARFSA Program Implementing partners: Global Alliance for Improved Nutrition (GAIN) (lead partner); Wageningen University & Research

Partner Projects in 2024, Continued

Nigeria 2021-2025	HortiNigeria	<p>Funding partner: Embassy of the Kingdom of the Netherlands</p> <p>Implementing partners: International Fertilizer Development Center (lead partner); Wageningen University & Research; KIT Royal Tropical Institute</p>
Nigeria 2019-2024	Transforming Nigeria's Vegetable Markets	<p>Funding partner: Netherlands Enterprise Agency (RVO) SDGP Program</p> <p>Implementing partners: Ministry of Agriculture & Forestry Kaduna State; Ahmadu Bello University; Wageningen University & Research; Solidaridad Network West Africa</p>
Philippines 2024-2026	Sustainable Intensification Through Vegetables Intercropping in Perennial Crops Farming Systems in Zamboanga Peninsula, Mindanao Island, Philippines (ZamPen SIVI)	<p>Funding partner: Brunei Darussalam-Indonesia-Malaysia-Philippines East ASEAN Growth Area (BIMP-EAGA) Republic of Korea (ROK) Cooperation Fund (BKCF), administered by Global Green Growth Institute (GGGI)</p> <p>Implementing partner: Mindanao Development Authority</p>
Philippines 2023-2024	Upscaling of the Gulayan sa Palayan at Pagnenegosyo Toward Prosperous RiceBIS Communities	<p>Funding and implementing partner: Philippines Department of Agriculture's Philippine Rice Research Institute (PhilRice)</p>
Philippines 2023-2024	Provision of Technical Services on the Capacity Development for Farmers of the SDGCoco Project	<p>Funding and implementing partner: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH</p>
Philippines 2019-2024	Developing Vegetable Value Chains to Meet Evolving Market Expectations in the Philippines	<p>Funding partner: Australian Centre for International Agricultural Research (ACIAR)</p> <p>Implementing partners: ACIAR; Applied Horticultural Research (AHR); Visayas State University; ViSCA Foundation for Agricultural and Rural Development, Inc. (ViFARD); NSW Department of Primary Industries, Australia; Landcare Foundation of the Philippines; Freshcare; Department of Agriculture–Agricultural Training Institute</p>





TANZANIA



MYANMAR



CAMBODIA



GHANA

Partner Projects in 2024, Continued

South Sudan 2024-2026	Accelerating Food Systems Resilience in South Sudan (AFSRiSS)	Funding partner: Netherlands Enterprise Agency (RVO) ARFSA Program Implementing partners: ZOA Dorcas South Sudan (lead partner); Wageningen University & Research; University of Juba; Integrated Seed and Sector Development Uganda
South Sudan 2024-2025	Improving Food Security and Incomes and Reducing Chronic Malnutrition in Rhino Refugee Settlement and Host Communities in West Nile, Uganda, and in South Sudan	Funding partner: Arab Gulf Programme for Development (AGFUND)
Tanzania 2024-2027	Transforming Tanzania's Vegetable Markets	Funding partner: USAID Feed the Future Tanzania Kilimo Tija Project Implementing partner: ACIDI/VOCA
Uganda 2024-2027	Piloting Access to Finance for Smallholder Farmers in (Northern) Uganda	Funding partner: Austrian Development Agency, the operational unit of Austrian Development Cooperation Implementing partner: Financial Access Consulting Services B.V.
Uganda 2024-2025; 2022-2023	Improving Food Security and Incomes and Reducing Chronic Malnutrition in Rhino Refugee Settlement and Host Communities in West Nile, Uganda, and in South Sudan	Funding partner: Arab Gulf Programme for Development (AGFUND)
Uganda 2023-2025	Improving Soil Health, Food Security, Nutrition, Incomes, and Soil Fertility in India and Uganda Through Use of Green Manures	Funding partner: Dutch Ministry of Agriculture, Nature and Food Quality Implementing partner: Wageningen University & Research
Uganda 2023-2024	Increasing Good Agricultural Practices and Access to Quality Horticultural Seeds in Kyaka II and Kyangwali Refugee Settlements and Host Communities	Funding partner: AVSI Foundation



Financial Statement

Expenses (US\$ x 1,000)	2024	2023
Salaries and benefits ¹	2,967	2,432
Travel and lodging	714	683
Staff development	101	284
Training sites and extension materials	852	493
Workshops and meetings	258	183
Fundraising	164	169
Consultants	262	163
Application maintenance and support	129	74
Tools and equipment	67	83
Office and operations	216	174
Other	18	9
Depreciation of non-current assets	54	11
Total Expenses	5,803	4,757

Funding (US\$ x 1,000)	2024	2023
East-West Seed Group ²	3,571	3,139
Other Partners ³	2,232	1,618
Total Funding	5,803	4,757

¹ Although EWS-KT is independently managed and financed, where possible we make use of the administrative structure of East-West Seed company operations to reduce costs and maximize efficiency. In some countries, we pay salaries through the company payroll (the administration of the payroll is part of the company's in-kind contribution; however, the salaries paid are covered by EWS-KT).

² Funding from East-West Seed Group for EWS-KT operations. To reduce the cost of EWS-KT operations, East-West Seed also provides significant in-kind support (which is not reported); for example, the use of office space and facilities and the support from company ICT and HR.

³ Cash contributions from partner organizations to co-fund knowledge transfer projects.



Current Leadership

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Board Chair
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Supervisory Board Member,
East-West Seed Group



Board Member
Joan Boer
Former Netherlands
Ambassador to Thailand



Board Member
Joost Pekelharing
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East-West Seed Group



Board Member
Brigit van Dijk - van de Reijt
CEO, Brabant Development
Agency (BOM)



Board Advisor
Flip van Koesveld
International Project Manager,
Wageningen University & Research

We have expert knowledge transfer teams in 11 countries in Africa and Asia, as well as a global management and support team. Our global and country-based team members total 282 (40% women and 60% men), and all of our country-based team members are from the country in which they work.

Global Leadership



Stuart Morris
Executive Director



Hoa Duong
Partnerships



Sylvie Désilles
Sustainable Growth &
Development



Girlie Frando
Market Integration & Agricultural
Extension



Swaroop Nanu
Global Communications



Lysette Lacambra
Technical Farming Support



Mathew Tusiime
Monitoring, Evaluation &
Learning



Femke de Jong
Program Management



Urairat Lerdkhomfoo
Finance



Karina Rodrigues Brasil
Human Resources

Regional and Country Leadership



Elijah Mwashayenyi
Africa



Atikur Rahman
Bangladesh



Nonin Chho
Cambodia



Jemima Djah
Ghana



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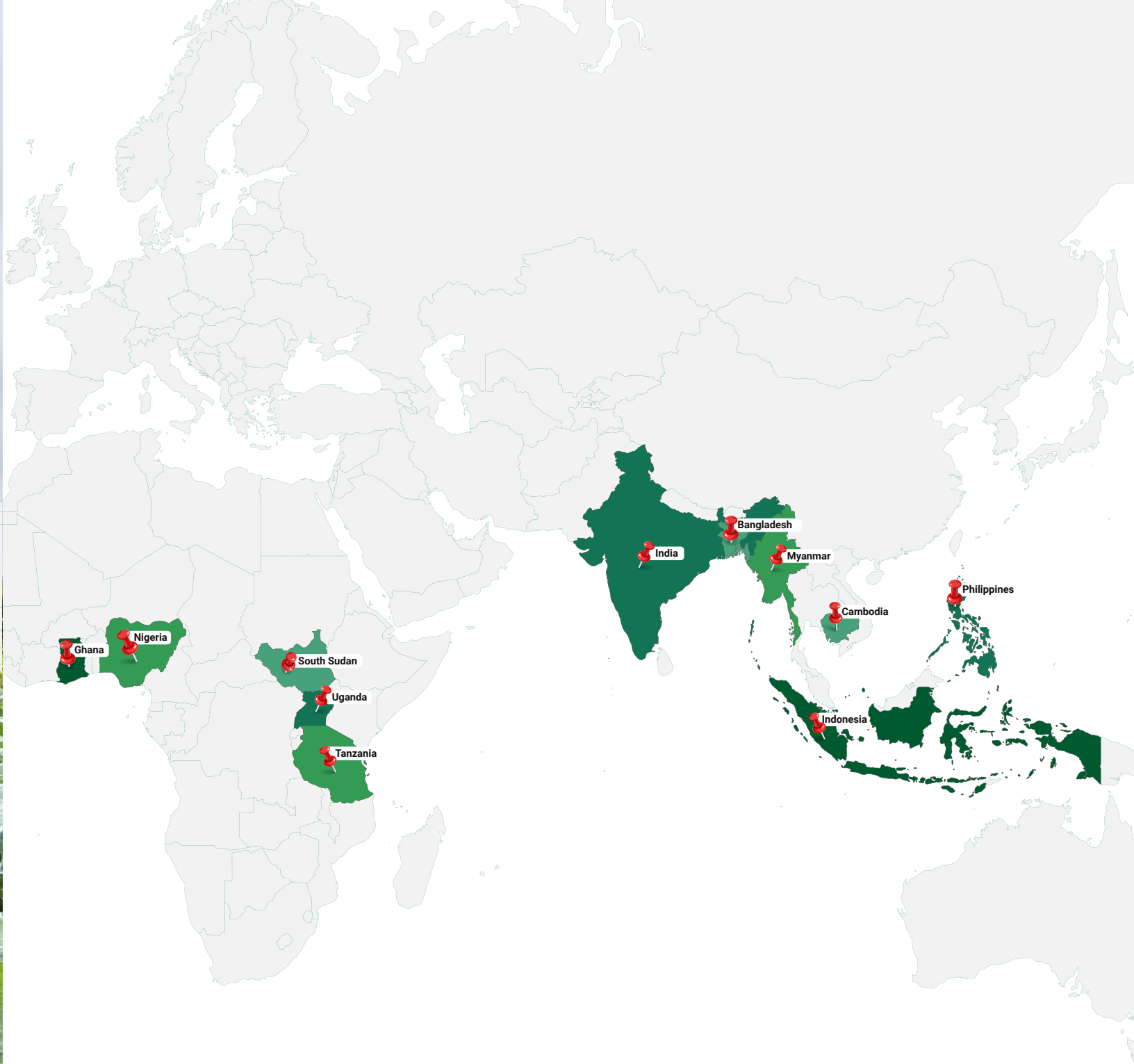
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