



KNOWLEDGE
TRANSFER

2023
Annual Report

Building Farmers' Skills for Sustainable Livelihoods



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Cover photo: Farmers in West Nile, Uganda, celebrate their harvest.



Bangladesh

Our Vision

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

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.



Table of Contents

Message from Director and Board Chair	2
What We Do	4
Looking Toward a More Sustainable Future	6
Knowledge Partners for Climate Resilience	8
Employing a Data-Driven Approach	10
Advancing Vegetable Production in South Sudan	12
Global Results 2023	14
• Bangladesh	16
• Cambodia	18
• Ghana	20
• India	22
• Indonesia	24
• Myanmar	26
• Nigeria	28
• Philippines	30
• Tanzania	32
• Uganda	34
Beyond Field Training: Digital Media, Radio, and Print Resources	36
Partnerships	38
Partner Projects in 2023	40
Financial Statement	46
Leadership	48

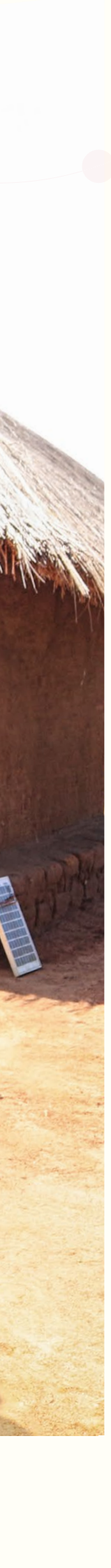
Message from Director and Board Chair



Dear friends and partners,

This was a productive year for East-West Seed Knowledge Transfer Foundation (EWS-KT) and the smallholder vegetable farmers we support. We reached more than 167,000 farmers through field-based training in 2023, equipping them with the skills and knowledge to operate successful farming ventures. Moreover, we encouraged regular participation in our training events and on social media to reinforce farmers' learning. This focus on quality engagement will continue in the coming years.

Increasingly, depleted soil is affecting productivity and nutrition across the areas in which we work. In addition to tackling overuse of inorganic fertilizers and pesticides, we have begun action research on green manures, which have the potential to help farmers sustainably improve soil health and contribute to closing the growing gaps in yields.



The green manure projects are just a small portion of what is taking place at our learning farms, which in 2023 were extended to all countries. These showcases of best vegetable production practices are becoming well recognized as centers of learning by a range of stakeholders. Whether we're using the learning farms to train university students or external trainers, inspire new key farmers, carry out action research, or train our team, the value they bring is immense. We also anticipate that they will play a critical role in ensuring the future sustainability of our activities.

We have long recognized that having a business plan is key for smallholder farmers' success. This year, our country-based teams responded by incorporating business planning and financial literacy into the training curriculum and by ensuring that farmers who establish vegetable demonstration plots with us start with a clear business plan.

Another area where we saw considerable development this year is how we collect, use, and share data. Our new, more dynamic mobile-based data management system will be a game changer for all stakeholders and partners. Higher-quality data, focused on change indicators, will multiply localized impact for farmers through iterative, evidence-based project learning, and data sharing with external partners will amplify that impact to global levels.

As we consider the long-term impact of our work, we see the need to nurture the progress of the farmers we have trained, beyond the period of intensive support that we currently bring. Adoption and impact take time, often beginning to take hold two to three years after our training interventions. With an eye toward the future, we now have a dedicated position focused on ensuring that the impact of our initiatives in each country is sustained beyond the duration of our regular project support.

In 2023, we built a new entity in Ghana and trained a new team, with extensive support from our Technical Support Hub and our teams from Uganda and Nigeria. The Ghana field team began their direct work with farmers in early November. It's truly remarkable to witness their progress—and it's inspiring to see how the experience and collaboration of our global and country-based teams played a major role in such a strong start. Our dedication to working together, whether within a country, across our global footprint, or with our partners, will remain a key driver of our success in 2024 and beyond.

Stuart Morris
Director

Rutger Groot
Board Chair

What We Do

Vegetable farming can be a profitable and sustainable livelihood, even on small plots of land. However, many smallholder farmers lack the necessary skills, knowledge, and agricultural inputs to run a thriving farm business.

At EWS-KT, we share climate-resilient agricultural methods with farmers, while demonstrating that vegetable farming can be an attractive business opportunity. Our model gives farmers firsthand experience with improved horticultural techniques and enables them to see for themselves the benefits of new practices and quality agricultural inputs. We also build farmers' business skills through training that encompasses production planning, the use of market information, maintaining farm records, and understanding return on investment.

In everything we do, we pay special attention to engaging women and youth. These two groups often encounter barriers to participation but have much to gain from an agricultural career and the income it can bring.

“
Vegetable farming can be a profitable and sustainable livelihood. However, many smallholder farmers lack the necessary skills.
”



EWS-KT 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 [ews-kt.com/anbi](https://www.ews-kt.com/anbi)



Cambodia

Our Model



- ▶ **We work one-on-one with key farmers to establish demonstration plots showcasing improved methods for growing vegetables.**

Key farmers gain strong skills for more productive and sustainable vegetable farming, increasing their income potential, and sharing their expertise with other farmers.

- ▶ **Using the demo plots as hubs, we provide field-level training on best practices for vegetable farming, paired with business training and market integration.**

Farmers from the area attend training sessions that walk them through every step of the vegetable production cycle, from land preparation to post-harvest handling. Participants replicate these techniques on their land and apply new business practices and market insights to turn their farm into a sustainable business.

- ▶ **Our learning farms develop and test new agricultural techniques and practices.**

These centers of learning offer tours and practical training to farmers, students, and sector professionals, advancing the spread of improved farming practices.

- ▶ **We develop locally adapted extension materials and share information through digital media platforms, radio programs, and online resources.**

Farmers learn from our informational signboards and crop guides, which present step-by-step best practices for vegetable production. Our radio and digital resources provide an additional layer of support, with the capacity to engage audiences far beyond the areas where our field staff work.

- ▶ **We partner with companies, foundations, development organizations, governments, and educational institutions.**

Building on natural synergies, our partnerships deepen our knowledge, accelerate our work, and extend our reach to benefit more farmers.

Increasing sustainable vegetable production by smallholder farmers not only changes farmers' lives but also provides consumers with nutritious food and invigorates the entire vegetable sector.

Looking Toward a More Sustainable Future

At EWS-KT, we work toward sustainability in three different areas—knowledge transfer, livelihoods, and farming methods—to ensure long-term knowledge uptake and adoption of effective techniques. Our model is designed to catalyze livelihood opportunities and market development. Once farmers can confidently implement their learning and reinvest in their farming businesses, we are able to expand knowledge transfer activities to neighboring communities.

In 2023, we established a new global position to ensure the future growth of what we have started. Each community's context is different, and local environmental conditions and economic and cultural realities inform the parameters for sustainable growth and development.

Sustainable Knowledge Transfer

We work intensively with farmers over an average of two to three growing seasons, while providing periodic check-ins and virtual support for previous years' farmers. To maintain continued growth, it is vital to build local capacity and strengthen connectivity among farmers, agro-input dealers, and government or nonprofit agricultural extension providers.

One way we do this is by positioning motivated farmers as community trainers, who then serve as inspirational local resources for sustainable vegetable production. These peer trainers have continued access to EWS-KT technical support and the latest agronomic information.

Our digital General Vegetable Production certification courses for farmers, trainers, and agro-input dealers also build a network of knowledgeable actors for continued knowledge outreach.



Myanmar



Sustainable Livelihoods

We build the capacity and confidence of farmers to adopt improved vegetable production as a profitable business activity. Sustainable farm livelihoods rest not only on better horticultural skills but on business planning, access to fair financing, well-developed value chains, and strong market connectivity. This year, we formalized the integration of farm business planning and market demand assessment into our training to enhance farmers' income potential.

Our core model of farmer-managed demonstration plots, with neighboring farmers learning at these demos, results in a concentration of farmers adopting sustainable vegetable production techniques. This raises the interest of business stakeholders, who play a pivotal role in improving access to inputs, markets, finance, and knowledge.

In some areas, our work is also directly contributing to more robust agricultural value chains, as trained farmers explore opportunities to become seedling growers, vermicompost or neem oil producers, or knowledgeable

agro-input dealers, and as they work collaboratively to better position themselves in the market.

Sustainable Farming Methods

Sustainable vegetable production takes into account the impacts of climate change on farming, and the impact of farming on the environment. Soil health, efficient water use, and integrated pest management, which leads to less use of inorganic pesticides, are an integral part of the training we provide. We introduce climate-smart techniques like mulching, teach farmers how to select crop varieties that are suitable for changing environmental conditions, and minimize food waste through training in post-harvest handling.

While we have long encouraged using available natural materials for seedling pots, mulch, and more, this year we increased our efforts to reduce the use of plastics in agriculture and ensure proper disposal of plastic waste to avoid soil contamination. With our knowledge partners, we are also implementing action research on climate-resilient techniques like green manures and biological pest controls.

To ensure continued sustainability, growth, and market development, we build partnerships with other organizations that share our commitment to promoting sustainable and profitable vegetable production in low-income and rural communities.

Knowledge Partners for Climate Resilience

The increasing impacts of climate change pose significant challenges in agriculture, especially for farmers engaged in vegetable production. Recognizing the need for sustainable solutions, we work with a wide range of partners to accelerate the adoption of climate-resilient horticultural practices.

As part of this effort, we strategically forge partnerships with like-minded organizations that support, complement, and expand the technical approaches we share with farmers and sector professionals.



Renowned for its technical expertise, Netherlands-based **Wageningen University & Research (WUR)** has been a longtime partner in promoting climate-resilient agriculture through capacity building, development of extension materials, and implementation of action research.

Current collaborative work with WUR—supported by Topsector and the Dutch Ministry of Agriculture, Nature and Food Quality—includes green manure research at EWS-KT learning farms in Ghana, India, and Uganda to improve soil health and minimize use of inorganic fertilizers. Additionally, WUR and EWS-KT Bangladesh launched the Pesticide Selection Tool mobile app in 2023 to support responsible use of pesticides, hence reducing environmental impact.



Our partnership with **CABI**, a global leader in agricultural research, aims to provide education and training opportunities for agriculture sector professionals, particularly extension officers and agro-input dealers. This collaboration, which began in 2023, will enable widespread utilization of scientific knowledge and methodologies that are financially, socially, and environmentally sustainable to increase crop quality and productivity. Initial teamwork with CABI has revolved around new courses for sector professionals.



Ghana

Koppert FOUNDATION

This year also brought a new partnership with **Koppert Foundation**, which contributes to sustainable solutions for horticulture and agriculture. This collaboration centers on demonstrating nature-based solutions for crop protection through action research in EWS-KT learning farms and implementation in key farmers' demonstration plots.

One research project conducted with Koppert Foundation and Koppert India in 2023 focused on determining the effectiveness of biosolutions to manage tomato bacterial wilt in India. In addition, Koppert Foundation lent its expertise to review the crop protection modules in our General Vegetable Production online certification courses, strengthening the integrated crop management (ICM) approach to insect pests and diseases.

The complex challenges posed by climate change require multifaceted responses and collaborative efforts. By joining forces with knowledge partners like WUR, CABI, and Koppert Foundation, EWS-KT is driving innovation and sustainability, ensuring that farmers are equipped with climate-resilient solutions.

Employing a Data-Driven Approach

Data collection and analysis are pivotal to delivering meaningful results and achieving EWS-KT's goals. Using digital technologies as part of our monitoring and evaluation, we aim to improve data accuracy and use real-time information to observe project progress, identify challenges, and make timely, evidence-based decisions.

In 2023, we hired a dedicated Monitoring, Evaluation, and Learning Manager to lead monitoring and evaluation efforts at the global level. To more effectively track inputs, activities, and outputs in the field, we also redeveloped our mobile monitoring app and data management system. We have now begun to strengthen how we monitor our projects, evaluate our progress, and apply what we learn.

Monitoring



We place high priority on tracking our programs through continuous and consistent monitoring. This ensures that projects are implemented according to project design, while providing opportunities to adapt to the dynamic contexts that field implementation presents. As part of a developing information management system, our internal mobile app expedites the tracking of project outputs to ensure that project targets are being met. We share this data transparently on our website, showing income, yield, and gender-disaggregated results at the global and country levels.

To access our data dashboard, visit www.ews-kt.com/data-dashboard.

Evaluation



Using digital platforms, we are preparing to carry out systematic assessments of ongoing and completed projects. These periodic evaluations will provide high-quality, verifiable data on the effectiveness of various project interventions.

Going forward, quantitative and qualitative assessments at project baseline and endline will offer insights on key indicators before and after project implementation. These assessments will gather data on:

- Adoption of good agricultural practices
- Yield from vegetable production
- Income from vegetable production
- Availability of vegetables among consumers
- Availability of appropriate agro-inputs



In addition to monitoring project progress and endline results, we plan to track the lasting impact of our interventions on farmers and communities. Our aim is to assess farmers' livelihoods, as well as vegetable and agro-input availability, two to four years after the end of our active engagement in the community. These evaluations will offer a comprehensive image of the sustained impact of our work.

Learning



Learning from monitoring and evaluation efforts is essential to reaching our goals. Over the course of each project, lessons from successes and challenges are identified and used to improve implementation and ensure that project targets are met. As we move toward an adaptive management approach, insights arising from monitoring and evaluation will be discussed with project staff and relevant stakeholders, allowing for reflection on progress and, when needed, modifications to activities, indicators, or criteria for success.

Advancing Vegetable Production in South Sudan

Our nascent activities in South Sudan stem from our work with South Sudanese refugees in Uganda. Preparing for a time when the security situation allows for a robust agricultural sector to emerge in this young East African nation, we have begun building the capacity of South Sudanese sector professionals and introducing improved vegetable production practices.

An Opportunity for Partnership

After years of conflict and instability, South Sudan has a struggling economy, and nearly all vegetables in the market are imported. While parts of the country have fertile soil, farmers have insufficient technical knowledge to cope with erratic weather and difficult growing conditions.

In 2021, agricultural staff from the University of Juba, located in the nation's capital, and Dr. John Garang Memorial University of Science and Technology, in Bor, participated in a training program for sector professionals organized by EWS-KT staff in Uganda, with support from Nuffic. With new relationships in place, we saw an opportunity to partner with these universities to increase local expertise and extend training to the country's smallholder farmers.

Our strategic initiatives in South Sudan complement our work with South Sudanese refugees. Since 2018, we have been providing refugees in Uganda with training in vegetable production to help them feed their families and earn an income—now and after they are able to return home.

Expanding Outreach

In 2022, in partnership with the University of Juba, EWS-KT Uganda staff developed a learning

farm on the university grounds, which was replicated in 2023 at Dr. John Garang University. The learning farms demonstrate model horticultural techniques and host hands-on trainings to share new skills and knowledge in vegetable cultivation.

This year, 1,593 farmers, agricultural students, and other interested individuals (36% women, 64% men, and 60% youth) received practical training in various aspects of vegetable production at the two learning farms.

We also initiated direct outreach to South Sudanese farmers this year, setting up small demonstration sites to showcase improved techniques in their communities. Our two expert trainers worked with local farmers to establish five vegetable farming demonstration sites along the Nile River in Juba and began working with women and youth groups in the Bor area.

Through our efforts in South Sudan, smallholder farmers in and around Bor and Juba are being exposed to better farming methods. Ultimately, our goal is to invigorate the country's vegetable farming sector and contribute to a more hospitable vegetable production environment for returning refugees.

Pictorial of our Activities in South Sudan



Field Day at the University of Juba learning farm



Farmer in the Juba area



Farmer in the Bor area with Joshua Mwanguhya, Knowledge Transfer Manager for Uganda



Seedling training in a farmer's field near Juba



Harvesting at the Dr. John Garang Memorial University of Science and Technology learning farm



Trellising at the University of Juba learning farm

Global Results 2023

167,027

Farmers trained



41%

Women



59%

Men

47%

Youth (< age 35)

129,751

Additional farmers reached by trained third parties



4,292

Demo plots established



9,197

Training events

3,227

Key farmers trained



32%

Women



68%

Men

37%

Youth (< age 35)

798,361

Total farmers trained since 2015



In line with our 2021–2025 strategic goals, we have been increasing the number of farmers we reach, with an emphasis on women and youth. With the right knowledge and skills, farmers earn more income and produce more vegetables for the market.

Reaching More Farmers

In 2023, we trained 167,027 new smallholder farmers in Africa and Asia through our signature field-based activities—a 20% increase over the number of new farmers in 2022—while continuing to support farmers from previous years. An additional 129,751 farmers received advice from agro-input dealers, university staff, or external extension workers who had been trained or certified by EWS-KT.

Engaging Women and Youth

Young people (ages 18–35) rose from 40% of the farmers trained in 2022 to 47% in 2023. Rural youth often struggle to find employment, and farming can be a profitable career choice. Women held steady at 41% of the farmers we trained in 2023. Farming can lead to economic and social empowerment for women, although cultural expectations and limited access to land and financing remain barriers in many areas.

Increasing Income and Access to Vegetables

Enhancing farmers' livelihoods is at the heart of our mission. Surveys conducted this year in Cambodia, Myanmar, and Nigeria found that at least 70% of farmers reported increased income after learning improved vegetable production practices. With the extra income, respondents

invested in future crop cycles, bought more food for their families, and paid for their children's education, among other uses. This finding was mirrored in Bangladesh, where an external mid-project evaluation showed that 69% of farmers increased their income from vegetable production by 40% after participating in our training programs.

Over 60% of surveyed farmers reported higher and better-quality yields (in Bangladesh, the evaluation found that 79% of farmers increased their yield by 27%). Three-quarters of respondents also increased the size of their production area. With higher yields and larger fields, these farmers are producing more vegetables for the market, improving availability for local consumers.

While these findings are just a snapshot, they show the impact that better farming techniques can have on farmers and communities.

Foundations, NGOs, government agencies, and other partners provided one-third of our funding in 2023, accelerating our work and extending our reach. In the pages that follow, we profile one project in each country, most of which are implemented with support from a partner. For a full list of partner projects in 2023, see pages 40–44.

Bangladesh

Bangladesh	Cambodia	Ghana	India	Indonesia
Myanmar	Nigeria	Philippines	Tanzania	Uganda

Project Spotlight

Project: Smart Farming, Healthy Food

Funding partner: Netherlands Enterprise Agency (RVO)

More extreme weather patterns and other effects of climate change pose increasing risks for smallholder farmers in Bangladesh, who are finding that traditional vegetable cropping systems are no longer viable under current climatic conditions. Led by Solidaridad, the Smart Farming, Healthy Food project promotes sustainable and climate-resilient vegetable production practices, along with improved access to input and output markets.

In addition to reaching 9,575 farmers this year, the project supported the creation of a 0.7-acre learning farm in Faridpur to enable farmers and other stakeholders to see climate-smart agriculture (CSA) techniques in practice and learn how to implement them. Another new project initiative, vermicompost production, ensures quality media for seedlings and improves soil health. The project also focuses on home gardens for better family nutrition and as a way for women to gain the skills to enter the agricultural sector.

From Empty Land to a Vegetable and Seedling Business

Farmer Story



River erosion forced 33-year-old Morzina Akter and her family to move from Hatiya Island to Subarnachar. In front of their new house was an unused piece of land, but they did not know how to farm.

Then Morzina attended a training session under the Smart Farming, Healthy Food project. She took the opportunity to learn with EWS-KT and started a cucumber demonstration plot. Through practical training sessions at her demo plot, Morzina learned everything from seed selection to post-harvest handling. To counter the salinity issues with the land, she constructed raised beds

and amended the soil.

For her demo plot, Morzina built a protected nursery to grow seedlings. After she had transplanted the right number in her field, she sold the excess seedlings to other farmers, and this inspired her to start a small seedling business. When her husband saw people in the market selling seedlings, he and Morzina decided to expand to grow seedlings commercially.

Morzina had learned during her training that vermicompost (worm manure) is a good medium for growing seedlings. To ensure high-quality seedlings, she established a vermicompost operation, with support from EWS-KT staff. Morzina and her husband now grow seedlings like bottle gourd, bitter melon, ridge gourd, sponge gourd, tomato, hot pepper, and papaya. For their very first season of seedling production, their return on investment was 375%.

“When we moved here, we did not know how to grow vegetables. Now year-round we are earning money by growing vegetables and selling seedlings.”



BANGLADESH RESULTS 2023

9,575

Farmers trained



44%
Women



56%
Men

42%

Youth (< age 35)



303

Demo plots established



1,026

Training events

325

Key farmers trained



38%
Women



62%
Men

30%

Youth (< age 35)

Demo Plot Results

\$195 average
net income
per crop cycle (500 sq. m.)



Bitter
gourd

\$208

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

For more on our work in Bangladesh, visit



ews-kt.com/location/bangladesh

Cambodia

Bangladesh	Cambodia	Ghana	India	Indonesia
Myanmar	Nigeria	Philippines	Tanzania	Uganda

Project Spotlight

Project: Nurture Veg—Nurturing Sustainable Practices for Smallholder Vegetable Farmers

Funding partners: Swiss Agency for Development and Cooperation (SDC), HEKS/EPER, and Caritas Switzerland

Rural farmers in parts of northwestern Cambodia struggle with low yields and poor-quality produce, and their challenges are now exacerbated by climate change, contributing to food insecurity. Furthermore, with large-scale migration to urban areas, those who remain at

home are often unprepared to run profitable farm businesses.

By training farmers in agroecological and climate-resilient vegetable production techniques that are suitable for local agronomic and climatic conditions, the Nurture Veg project is creating opportunities for income development and fostering greater resilience to climate change at the farm level. With improved knowledge, farmers can also better optimize production toward market needs, while increasing the supply of vegetables for consumers.

A Young Farmer’s Road to Profitability

Farmer Story



Ravuth Sun left school after grade 7 to help support his family. When his father later died, Ravuth became responsible for the family farm. Now 19, he has five older siblings, but all of them left Cambodia to find work in Thailand.

In early 2023, he planted 4,000 square meters of cucumber. But things were not going well. His lack of knowledge about the market affected his income potential, and his cucumbers were attacked by thrips, aphids, whiteflies, and other pests. Ravuth purchased pesticides, but he did not

know which products were appropriate or how to use them properly. Facing these challenges, he thought about following his siblings abroad.

“When I got less yield and income, I wanted to quit farming and go work in Thailand, but that would have left my mom alone, and I love farming. That’s why I kept growing vegetables.”

In August 2023, Ravuth had the chance to join the Nurture Veg project. Through EWS-KT’s trainings, he learned about topics such as land preparation, irrigation systems, and pest and disease management—which includes prevention and natural approaches as well as responsible use of chemical pesticides. The first crops he grew with the project were cauliflower and watermelon. After three months, he more than doubled the size of his farm, adding cabbage and sweet corn.

The training he received transformed his farming and made a remarkable difference in his crop quality and income. Instead of migrating to Thailand, Ravuth has found new purpose in sharing the techniques he learned with other farmers.



CAMBODIA RESULTS 2023

7,937
Farmers trained

59% Women **41%** Men

16%
Youth (< age 35)

331
Demo plots established

477
Training events

Demo Plot Results

\$317 average net income per crop cycle (500 sq. m.)

\$465
Tomato

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

178
Key farmers trained

56% Women **44%** Men

16%
Youth (< age 35)

For more on our work in Cambodia, visit



ews-kt.com/location/cambodia

Ghana

Bangladesh	Cambodia	Ghana	India	Indonesia
Myanmar	Nigeria	Philippines	Tanzania	Uganda

Project Spotlight

Project: Transforming Vegetable Farming as a Business

Funding partner: Embassy of the Kingdom of the Netherlands in Accra

Smallholder farmers in Ghana often experience low yields and quality control issues, and the harvests they produce, especially for onions, are not enough to meet the country’s demand. This project—the first for the EWS-KT team in Ghana—focuses on developing farmers’ ability to profitably grow and market vegetables through the use of better seeds and sustainable farming practices.

A key project component is the new learning farm in Sunyani, which showcases effective agronomic techniques for a variety of vegetables and serves as a learning center for farmers and agriculture sector professionals. EWS-KT staff also intensively train farmers at vegetable demonstration plots established in their communities. Other project activities include building the capacity of agro-input dealers to advise customers, fostering linkages between farmers and markets, and developing farmers’ farm management skills.

Finding Inspiration at the Learning Farm

Farmer Story



This was a remarkable year for 52-year-old Douglas Sabi. Not only was he recognized by the Ghana Ministry of Food and Agriculture as the best farmer with disabilities in his district, but he went from being solely a plantain and cocoa farmer to venturing into vegetable farming as well.

His vegetable journey was inspired by his attendance at the grand opening of the EWS-KT learning farm in Sunyani in September 2023. He gave his full attention to the methods shown at the

event and asked questions to better understand the techniques and the concepts behind them. Impressed by the learning farm’s flourishing onions, he bought seeds of the same variety and fenced off a 400-square-meter area to use for his first foray into vegetable farming.

“What motivated me most was learning that vegetable farming is not all about large scale but can be done on a small scale, and that it can produce more yield with the appropriate techniques and practices.”

Following the model at the learning farm, Douglas prepared raised beds in his field. He then sought additional guidance from EWS-KT, and Technical Field Officer Simon Ossom provided him with training on onion cultivation, beginning with a nursery to start the onion seedlings. Simon also provided training on growing cucumber.

Douglas recently harvested his onions and is eager to scale up his vegetable farm. Encouraged by his results, he is considering transitioning entirely to vegetable production.



GHANA RESULTS 2023

626

Farmers trained



46%

Women



54%

Men

52%

Youth (< age 35)



33

Demo plots established



144

Training events

33

Key farmers trained



30%

Women



70%

Men

36%

Youth (< age 35)

As farmer training in Ghana only started in November 2023, there is no crop data to share.

For more on our work in Ghana, visit



ews-kt.com/location/ghana



India

Bangladesh	Cambodia	Ghana	India	Indonesia
Myanmar	Nigeria	Philippines	Tanzania	Uganda

Project Spotlight

Project: Empowering the Farmers of Odisha
Funding partner: Funded fully by EWS-KT

While rice remains the predominant crop in Odisha state, there are ample opportunities for profitable vegetable production for farmers who have the skills, knowledge, and determination. In June 2022, EWS-KT opened the Center of Excellence (CoE) learning farm in Keonjhar to model improved vegetable farming practices. The CoE provides practical training to stakeholders such as farmers, agriculture students, and NGO staff, and offers informational

tours to government officials and other interested parties.

As seasonal rainfall patterns continue to shift, the CoE includes water conservation and management methods that help farmers cope with climate change. Action research projects that contribute to customizing vegetable production practices for local farmers are also taken up through the CoE. Since the CoE's inception, more than 1,000 farmers have adopted new vegetable farming techniques and increased their yield with guidance from the CoE's crop demonstrations and technical staff.

Seizing an Opportunity for Pumpkin Production

Farmer Story



EWS-KT's Center of Excellence (CoE) in Odisha serves as a hub of knowledge for vegetable production. In 2023, 30-year-old Arjun Hansdah visited the CoE several times to learn vegetable farming techniques. Impressed by the production levels achieved at the CoE, he partnered with two friends to grow pumpkins.

They sought guidance from EWS-KT Technical Field Officer Sanu Kumar Behera. Sanu began with business planning, explaining how to choose a variety, identify market requirements, and calculate

costs and expected returns. Based on the inputs, Arjun and his partners decided to establish a 30-acre pumpkin plot. The team leased land, hired laborers, purchased seeds and supplies, and embarked on their pumpkin venture, with the guidance of Sanu.

Arjun and his friends learned and adopted the latest techniques, like raised beds, recommended spacing between plants, and appropriately calibrated fertilizer application. With a total investment of 400,000 rupees (US\$4,800) for their farm, the team made a profit of 815,000 rupees—a 204% return on investment. Following their success, Arjun and his friends plan to produce 100 acres of pumpkin during the 2024 rainy season.

Arjun emerged as a pumpkin star in his community. From witnessing crops grown at the CoE to producing his own pumpkins at a large scale, Arjun's transformative journey is an inspiration to fellow farmers in the region, demonstrating the potential for prosperity through strategic and informed agricultural practices.



INDIA RESULTS 2023

22,931
Farmers trained

35% Women **65%** Men

39%
Youth (< age 35)

Demo Plot Results

\$262 average net income per crop cycle (500 sq. m.)

\$389
Hot pepper
Crop with highest average net profit (500 sq. m.)

507
Demo plots established

1,183
Training events

486
Key farmers trained

16% Women **84%** Men

29%
Youth (< age 35)

For more on our work in India, visit



ews-kt.com/location/india

Indonesia

Bangladesh	Cambodia	Ghana	India	Indonesia
Myanmar	Nigeria	Philippines	Tanzania	Uganda

Project Spotlight

Project: Youth Upskilling for Employment in Vegetable Farming | Let's Grow!

Funding partner: Ganesha Foundation

Youth in rural Indonesia face high unemployment rates and often struggle to make a living. This project prioritizes sustainable income generation for young people through vegetable farming, striving for a minimum daily income of US\$4 for participating youth. In addition to focusing on Good Agricultural Practices, the project incorporates companion crops in the vegetable farming demonstration plots to increase income potential and manage risk.

The Youth Upskilling pilot phase of the project commenced in June 2022 in Flores. One year later, in July 2023, it expanded as the Let's Grow! project, with activities in Flores, the Sumbawa cluster, and the Timor-Sumba cluster. The project not only imparts technical horticultural skills but also emphasizes life skills training to enhance young farmers' success in both agriculture and daily life.

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



Harvesting Dreams Through Farming

Farmer Story



Marianus Pigang is a young farmer from Tilang village in East Nusa Tenggara province. After Marianus graduated from high school, his aspiration to pursue higher education was hindered by financial constraints, leading him to abandon his dreams. However, through the Youth Upskilling project, he gained an education in vegetable production and ultimately decided to become a farmer.

With guidance from Yayasan Bina Tani Sejahtera, Marianus set up a 500-square-meter vegetable

farming demonstration plot and cultivated hot pepper. His learning process encompassed land preparation, seedling cultivation, fertilization, pest and disease management, harvesting, and post-harvest activities, as he lacked prior farming experience. Tending to his crops to ward off pests and diseases proved challenging for him, yet he remained enthusiastic about achieving optimal harvest results.

During the harvest season, he yielded 600 kilograms of hot peppers, resulting in a profit of approximately 10 million rupiahs (US\$623). With his earnings, he saved for his higher education expenses and helped to support his parents. Marianus hopes to further develop his farming skills and motivate other young individuals to farm, as he has personally experienced rewarding outcomes.

“Never before did I consider becoming a farmer. However, from the land, I have been able to gradually realize my dream of continuing my education. With the guidance provided, my harvest results have been very satisfying.”



INDONESIA RESULTS 2023

7,783
Farmers trained

45% Women **55%** Men

32%
Youth (< age 35)

355
Demo plots established

197
Training events

Demo Plot Results

\$500 average net income per crop cycle (500 sq. m.)

\$648
Tomato

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

312
Key farmers trained

30% Women **70%** Men

38%
Youth (< age 35)

For more on our work in Indonesia, visit



ews-kt.com/location/indonesia

Myanmar

Bangladesh	Cambodia	Ghana	India	Indonesia
Myanmar	Nigeria	Philippines	Tanzania	Uganda

Project Spotlight

Project: Transforming the Lives of Smallholder Vegetable Farmers for Income, Nutrition and Market Access in Rakhine

Funding partner: United Nations Office for Project Services (UNOPS) under the Livelihoods and Food Security Fund (LIFT)

Although most adults in rural Rakhine state make their living from agriculture, average crop yields are less than half of their potential, and many farmers have difficulty getting their vegetables to market, leading to even lower profits.

This project focuses on increasing the capacity of smallholder farmers to build resilient livelihoods and nutritional security, in tandem with inclusive market development.

The project employs a peer learning approach, with key farmers’ demonstration fields used as a hub to provide advice and training to neighboring farmers. These field activities are complemented by the use of social media and digital learning tools such as EWS-KT’s VeggieTap app and GrowHow website.

Embracing Onion Production in Rakhine State

Farmer Story



Daw Than Nwe lives in Rakhine state, where she farms with her husband. Their main livelihood is rice cultivation, with vegetables bringing in additional income.

At age 45, Daw Than Nwe had experience with crops such as yard long bean, cucumber, and bitter gourd, but she was interested in adding onion. Because this is a fairly new crop in her area, she was worried about how she might fare. However, as a key farmer with the Transforming the Lives of Smallholder Vegetable Farmers project, she learned every stage of effective onion production

from EWS-KT field staff. Despite her fears, her onion demonstration crop was a big success.

“After 20 days, the onion shoots were coming out, and the farm had turned into a green carpet. I was very happy, and my neighbors came to my onion farm and asked many questions, such as ‘How did you do this?’ and ‘Where did you get the techniques?’ I was very proud of myself.”

From her 688-square-meter onion demonstration plot, Daw Than Nwe produced roughly 375 kilograms of onions. The market value at harvest time was about US\$220—a 300% return on her investment. Looking ahead, she is confident that she can produce onions successfully in the next season, and neighboring farmers, impressed with her harvest, are planning to follow her lead in growing this crop.

After conquering onion production, Daw Than Nwe chose a familiar crop—cucumber—for her second demonstration plot with EWS-KT, learning techniques like mulching and trellising to improve her harvest’s quality and yield and increase her income from vegetable farming.



MYANMAR RESULTS 2023

10,607

Farmers trained



52%
Women



48%
Men

34%

Youth (< age 35)



923

Demo plots established



470

Training events

Demo Plot Results

\$262 average net income per crop cycle (500 sq. m.)



\$510

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

523

Key farmers trained



35%
Women



65%
Men

35%

Youth (< age 35)

For more on our work in Myanmar, visit



ews-kt.com/location/myanmar

Nigeria

Bangladesh	Cambodia	Ghana	India	Indonesia
Myanmar	Nigeria	Philippines	Tanzania	Uganda

Project Spotlight

Project: Transforming Nigeria’s Vegetable Markets

Funding partner: Netherlands Enterprise Agency (RVO)

While the vegetable sector is a promising area for economic development in northern Nigeria, smallholder farmers have not been able to effectively harness this opportunity due to significant constraints along the vegetable market chain. For women in this area, gender norms often limit their control of resources and their ability to earn an income. This project works directly

with farmers to build their skills and encourage entrepreneurship, while supporting widespread learning through radio, social media, and online platforms.

The Transforming Nigeria’s Vegetable Markets project, which began in 2019, has contributed immensely to women’s success in Kano and Kaduna states. Through initiatives focused on gender equality, education, and economic empowerment, the project has opened new pathways by empowering women with the knowledge, resources, and opportunities to increase their productivity and income and improve their livelihoods.

Self-Reliance Through Agriculture

Farmer Story



In July 2023, despite strong cultural barriers, 25 women in Kaduna state came together to boost their productivity in vegetable farming. Fueled with passion and knowledge from the Transforming Nigeria’s Vegetable Markets project, they formed the Women Self Reliance Global Farm cooperative—and became unstoppable.

The women had learned the full range of farming techniques during their training, and they applied these methods to their cooperative vegetable farm. However, they also saw a business opportunity in seedling production. Using improved

ground nurseries, seedling trays, and leaf pots, they began to grow tomato, onion, and cabbage seedlings. In 2023, they cultivated over 12,000 high-quality seedlings, attracting buyers from cities in Kaduna as well as from neighboring states.

Through this project, Women Self Reliance Global Farm members also gained the skills to operate their vegetable farm and seedling operation as a business.

“We learned how to keep records and calculate our profits. As an association, we have been able to learn new farming techniques and access financial support, which has not only increased our crop yield but also empowered us to take on leadership roles in our community.”

Having adopted a business mindset, the women continue to identify new areas for expansion. Their latest move has been registering as an agro-input dealer to meet the rapidly growing demand for hybrid seeds in the area. “This project has catapulted us to heights that we never thought possible,” one member said.



NIGERIA RESULTS 2023

64,034

Farmers trained



36%
Women



64%
Men

58%

Youth (< age 35)

Demo Plot Results

\$129 average net income per crop cycle (500 sq. m.)



Tomato

\$225

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



966

Demo plots established



2,664

Training events

752

Key farmers trained



29%
Women



71%
Men

46%

Youth (< age 35)

For more on our work in Nigeria, visit



ews-kt.com/location/nigeria

Philippines

Bangladesh	Cambodia	Ghana	India	Indonesia
Myanmar	Nigeria	Philippines	Tanzania	Uganda

Project Spotlight

Project: Upscaling of the Gulayan sa Palayan at Pagnenegosyo Toward Prosperous RiceBIS Communities

Funding partner: Philippines Department of Agriculture—Philippine Rice Research Institute (PhilRice)

While rice is a food staple in the Philippines, it brings income to farmers only once or twice a year. Vegetables, which mature more quickly, provide more frequent harvests that can stabilize rice farmers’ income flow. Crop diversification is therefore gaining popularity among

smallholder farmers as a means to advance their sustainability and resilience.

Building on three previous partnerships with PhilRice, this project exemplifies the integration of vegetables into rice cultivation, offering a promising avenue to optimize land productivity and improve livelihoods. The initiative brings a multitude of advantages for farmers, including higher profits, enhanced food security, and expanded market opportunities as farmers tap into the lucrative potential of vegetable cultivation and gain flexibility through marketing both rice and vegetables.

From Facebook to the Field

Farmer Story



Four years ago, when he was 28, Ronel Cañetan Lausa left his factory job. Hoping to earn more income, he returned to his family’s agricultural roots and began to farm rice.

When he started to grow vegetable crops alongside his rice, Ronel found inspiration and valuable insights on the Facebook page run by EWS-KT Philippines. He avidly absorbed technical updates, project news, and success stories. He also tapped into the resource-rich VeggieTap mobile app, accessing information on crop-specific vegetable

production whenever the need arose. With each interaction, he nurtured the hope that EWS-KT would extend its reach to his community in Negros Occidental.

When news of an impending RiceBIS project in his locality reached Ronel, his enthusiasm knew no bounds. Guided by EWS-KT staff, he eagerly embraced new technologies and methodologies introduced through the project. When he encountered challenges such as pests and diseases, Ronel found comfort in the support provided by EWS-KT—and was able to limit the damage through the meticulous monitoring methods he had learned.

Ronel has now successfully cultivated hot pepper, sweet pepper, and eggplant, contributing substantially to his family’s income. Seeing the benefits in his own life, Ronel also advocates for increased vegetable production among fellow farmers. His journey stands as a testament to the transformative power of knowledge and local support within the realm of agriculture.



PHILIPPINES RESULTS 2023

12,507

Farmers trained



49%
Women



51%
Men

20%

Youth (< age 35)



351

Demo plots established



179

Training events

132

Key farmers trained



36%
Women



64%
Men

14%

Youth (< age 35)

Demo Plot Results

\$554 Average net profit per crop cycle (500 sq. m.)



Hot pepper

\$976

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

For more on our work in the Philippines, visit



ews-kt.com/location/philippines

Tanzania

Bangladesh	Cambodia	Ghana	India	Indonesia
Myanmar	Nigeria	Philippines	Tanzania	Uganda

Project Spotlight

Project: Building Farmers' Capacity in the Southern Highlands

Funding partner: Funded fully by EWS-KT

The Mbeya region, located in southwestern Tanzania, is one of the country's priority zones for horticulture. However, farmers in the region's Mbarali district contend with poor soil fertility and low yields. For many farmers, gaps in knowledge in areas like soil health, seed selection, and pest management limit their productivity. This

is traditionally an area for rice cultivation, and incorporating vegetable production can diversify farmers' income and improve nutrition.

EWS-KT began to work with smallholder farmers in the Ifakara, Iringa, and Mbarali districts in April 2023. Collaborating with international development organizations and local government authorities, EWS-KT is introducing new techniques to current farmers and encouraging women and youth to engage in agriculture for the first time.

Transformed by New Techniques

Farmer Story



Less than a year ago, *Tuta absoluta*, the tomato leafminer, was decimating Sayuni Amosi's tomato field in the Mbarali district. Incorrect application of fertilizers and pesticides was also adversely affecting his crops, along with the land and his finances.

Since then, his strong dedication to learning new techniques has transformed his farm, increased his income, and built his confidence in farming. Working with EWS-KT Technical Field Officer Hellena Haule, 24-year-old Sayuni adopted methods like

raised beds, trellising, and proper spacing for his tomato plants, enabling him to practice effective integrated pest management. Regular inspections of his plants for insect pests are suppressing new infestations and keeping his tomato field healthy. Responsible pest management is also ensuring safe-to-eat produce for consumers, while reducing Sayuni's costs.

While Sayuni continues to grow tomatoes, his passion is leafy vegetables. Chinese cabbage and collard greens are quickly maturing crops, which means more harvests—and higher profits. With proper spacing, fertilization, and pest management, he is producing greater quantities of nutritious leafy vegetables for the market.

Sayuni's story is not only about his success. His fields are inspiring other young farmers in the area, and he is excited to share the improved agricultural techniques he has learned. Looking ahead, Sayuni sees endless possibilities for growth.

"My dream is to achieve even greater success in farming and to continually increase my knowledge of agriculture."



TANZANIA RESULTS 2023

16,904
Farmers trained

29% Women **71%** Men

60%
Youth (< age 35)

182
Demo plots established

515
Training events

Demo Plot Results

\$737 Average net profit per crop cycle (500 sq. m.)

\$912
Tomato

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

133
Key farmers trained

20% Women **80%** Men

55%
Youth (< age 35)

For more on our work in Tanzania, visit



ews-kt.com/location/tanzania

Uganda

Bangladesh	Cambodia	Ghana	India	Indonesia
Myanmar	Nigeria	Philippines	Tanzania	Uganda

Project Spotlight

Project: Improving Food Security and Incomes and Reducing Chronic Malnutrition in Rhino Refugee Settlement and Host Communities in West Nile, Uganda

Funding partner: Arab Gulf Programme for Development (AGFUND)

Uganda hosts 1.5 million refugees, the majority of whom are women and children. While those in Rhino Camp refugee settlement in northwestern Uganda have access to small plots of land for agricultural use, most residents of the settlement lack the skills and knowledge to be successful farmers.

This one-year project focused on increasing the availability of nutritious vegetables in the area, with the aim to enhance food security, improve household income, and reduce malnutrition in the refugee settlement and host communities. A dual approach of establishing both farm demonstration plots and kitchen gardens accelerated the dissemination of vegetable production knowledge. In an area with few economic opportunities, vegetable farming can offer a sustainable livelihood while boosting community nutrition.

Better Nutrition, Better Business

Farmer Story



Grace Anite, now 37, fled war-torn South Sudan with her children in 2017, finding refuge in Rhino Camp refugee settlement in northern Uganda.

Back home, Grace was a businesswoman and a shopkeeper, not a farmer. But as support from the World Food Programme decreased, she set her hopes on growing extra food to ensure a more balanced diet for her children. She planted some seeds, but with scarce water and poor soil, little grew.

Grace’s circumstances changed in late 2022 with the Improving Food Security project.

“The project’s approach—offering training right away in my own garden plot—offered a solution to the challenges I was facing.”

With the practical training she received, the small plot of land allocated to her in the refugee settlement flourished, allowing her to serve nutrient-rich vegetables with every meal. Grace also now sells a portion of her produce at a market stall in the settlement, earning income to pay for other household needs.

With her background as a businesswoman and her newfound knowledge of farming methods, Grace is poised to reach a new goal. “Even though I am getting enough vegetables for my household, I have not yet achieved my personal target as a trained farmer,” she said. “I am planning to hire land from the host community during the rainy season to realize more profits, because there is a ready market for vegetables here in the settlement.”



UGANDA RESULTS 2023

12,530

Farmers trained



54%
Women



46%
Men

63%

Youth (< age 35)



341

Demo plots established



2,300

Training events

Demo Plot Results

\$233 average net income per crop cycle (500 sq. m.)



Tomato

\$322

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

353

Key farmers trained



43%
Women



57%
Men

52%

Youth (< age 35)

For more on our work in Uganda, visit



ews-kt.com/location/uganda

Beyond Field Training: Digital Media, Radio, and Print Resources

Our on-field training is complemented by radio programs, social media channels, digital learning platforms, printed guides, and field-based informational signboards to support smallholder farmers. These approaches enable farmers to access the information they need, when they need it.

Our **GrowHow** website contains a wealth of knowledge, offering crop guides, technical guides, and certification programs in multiple languages. This year, we certified nearly 1,900 people in vegetable production or agribusiness. In addition, more than 1,600 people accessed vegetable farming information and courses through our VeggieTap learning app.

Video guides on our **YouTube** channel walk farmers through every step of the crop cycle, as well as activities like making natural pesticides and producing vermicompost. In 2023, the amount of time viewers spent watching our videos increased 43% over the previous year.

Facebook and **messaging apps** play a huge role in keeping farmers connected to each

other and to experts at EWS-KT. Farmers get advice on pest and disease management, share crop prices, and celebrate good harvests. Our regular posts on Facebook offer inspiring stories, tips on vegetable farming, and notices about upcoming training programs. In 2023, engagement through our Facebook pages and groups increased 56%.

Digital technologies have vastly expanded the ways in which information is shared, but not all farmers have smartphones or access to the internet. Our **radio programs** bring new ideas and the latest farming practices straight to farmers' homes and fields. Printed **crop guides**, along with signboards or banners at learning farms and farmers' demonstration sites, present improved farming techniques through graphics and easy-to-understand text in regional languages.

These knowledge transfer approaches inspire farmers, reinforce on-field learning, and spread improved agricultural practices to farmers beyond the areas in which we work.





2023 Results

 GrowHow users

41K

 YouTube views

608K

 Printed crop and technical guides distributed


184K

 Facebook reach

21.2M


 Radio listeners

3.2M



21.9M

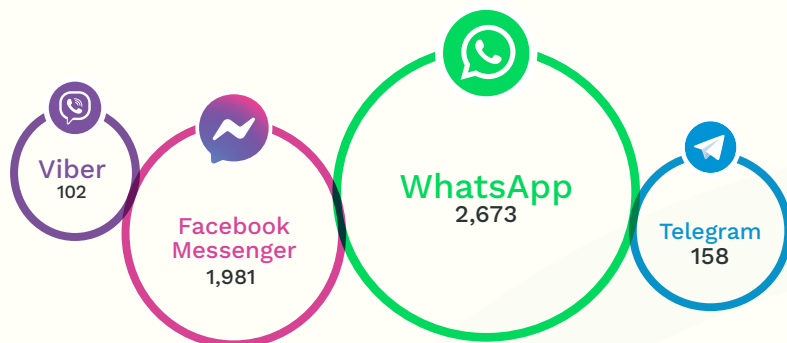
Views of our content in 2023



202K

Subscribers to our channels

Messaging Apps Users

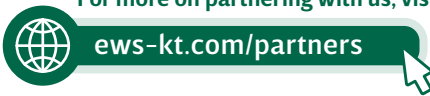


Scan the code to access our channels

Partnerships

EWS-KT manages over 20 donor-funded projects across 10 countries. In 2023, we increased our fundraising efforts and built the capacity of our global team to initiate partnerships research and outreach, prepare budgets and proposals, conduct due diligence, negotiate contracts, ensure compliance across global banking and financial requirements, and implement data collection to measure and report progress. We continued strong partnerships and engagement with institutional partners, including research centers; donor governments; technology, finance, and business partners; and other local NGOs. At the close of the year, we also evaluated and began drafting country-based resource mobilization strategies, starting with the Philippines.

For more on partnering with us, visit





Kingdom of the Netherlands



Livelihoods and Food Security Fund



Ministry of Agriculture, Nature and Food Quality



Ministry of Foreign Affairs of the Netherlands



Netherlands Enterprise Agency



Partner Projects in 2023

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) Implementing partners: Solidaridad Netherlands (lead partner); Solidaridad Network Asia Limited; AgroTec Distribution; 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 2021–2023	Catalysing Market Development for Women and Youth Smallholder Farmers in Cambodia	Funding partner: Innovations Against Poverty Implementing partner: Netherlands Development Organisation (SNV)
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 2023–2024	Transforming Vegetable Farming as a Business	Funding partner: Embassy of the Kingdom of the Netherlands in Accra
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 2019–2024	Good Farming, Good Food: Sustainable Food and Nutrition Security and Transforming Smallholders' Livelihood in Madhya Pradesh, India	Funding partner: Netherlands Enterprise Agency Implementing partners: Solidaridad Netherlands (lead partner); Vippy Industries; MP State Rural Livelihood Mission; Solidaridad Network Asia Limited; Samarth Kisan Producer Company Limited
Indonesia 2022–2024	Youth Upskilling for Employment in Vegetable Farming Let's Grow!	Funding partner: Ganesha Foundation



Indonesia
2022-2024

Empowering Youth, Building Papua

Funding partner: Kopernik

Indonesia
2021-2023

Agriculture Livelihood Project

Funding partner: William & Lily Foundation

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; HEKS/EPER; Caritas Switzerland

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
2021-2025

**Horticulture Program Nigeria
(HortiNigeria)**

Funding partner: Embassy of the Kingdom of the Netherlands

Implementing partners: International Fertilizer Development Center (lead partner); Wageningen University & Research; KIT Royal Tropical Institute

Nigeria
2019-2024

Transforming Nigeria's Vegetable Markets

Funding partner: Netherlands Enterprise Agency

Implementing partners: Ministry of Agriculture & Forestry Kaduna State; Ahmadu Bello University; Wageningen University & Research; Solidaridad Network West Africa

Philippines
2023-2024

Upscaling of the Gulayan sa Palayan at Pagnenegosyo Toward Prosperous RiceBIS Communities

Funding partner: Philippines Department of Agriculture's Philippine Rice Research Institute (PhilRice)

Implementing partner: PhilRice

Philippines
2023-2024

Provision of Technical Services on the Capacity Development for Farmers of the SDGCoco Project

Funding partner: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Implementing partner: GIZ



Tanzania

Philippines
2019–2024
Developing Vegetable Value Chains to Meet Evolving Market Expectations in the Philippines

Funding partner: Australian Centre for International Agricultural Research (ACIAR)
Implementing partners: Australian Centre for International Agricultural Research (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

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

Uganda
2022–2023
Improving Food Security and Incomes and Reducing Chronic Malnutrition in Rhino Refugee Settlement and Host Communities in West Nile, Uganda

Funding partner: Arab Gulf Programme for Development (AGFUND)

Uganda
2020–2023
Pumpkins in Africa: Catalyzing Opportunity for Farmers and Consumers

Funding partner: East-West Seed founder Simon N. Groot (2019 World Food Prize)





Myanmar



Uganda

Financial Statement

Expenses (US\$ x 1,000)	2023	2022
Labor ¹	2,432	2,239
Communication	52	113
Travel and lodging	683	484
Training: staff	284	60
Training: farmers	493	449
Workshops and meetings	183	98
Fundraising	169	164
Consultants	163	152
Application maintenance and support	74	133
Tools and equipment	83	30
Office and operations	122	102
Other	9	19
Depreciation of non-current assets	11	11
Total Expenses	4,757	4,055

Funding (US\$ x 1,000)	2023	2022
East-West Seed Group ²	3,139	2,357
Partners ³	1,618	1,698
Total Funding	4,757	4,055

- 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.



Leadership

Board of Trustees



Rutger Groot
Board Chair
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East-West Seed Group



Joan Boer
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Ambassador to Thailand



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CEO, Brabant Development
Agency (BOM)



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

We have expert knowledge transfer teams in 10 countries in Africa and Asia, as well as a global management and support team. Our global and country-based team members total 267 (40% women and 60% men), and all of our country-based team members are from the country in which they work.

Global Leadership and Knowledge Transfer Support



Stuart Morris
Director



Hoa Duong Piyaka
Partnerships



Sylvie Desilles
Sustainable Growth
& Development



Girlie Frando
Farmer Extension



Swaroop Nanu
Farmer Extension Media
& Communications



Lysette Lacambra
Technical Farming
Support



Mathew Tusiime
Monitoring, Evaluation
& Learning



Femke de Jong
Program
Management



Urairat Lerdkhomfoo
Finance



Giridhar Raghavendra
Human Resources

Regional and Country Leadership



Elijah Mwashenyi
Africa



Atikur Rahman
Bangladesh



Nonin Chho
Cambodia



Jemima Djah
Ghana



Sathiyabama Baskaran
India & South Asia



Edwin S. Saragih
Indonesia (YBTS*)



Mar Lar Soe
Myanmar



Ruth Ardzard
Nigeria



Girlie Frando
Philippines



Epaphras Milambwe
Tanzania



Joshua Mwanguhya
Uganda

Contact us:



ews.kt@eastwestseed.com

* Knowledge transfer activities in Indonesia are implemented and managed by Yayasan Bina Tani Sejahtera (YBTS), an independently funded and governed foundation affiliated with East-West Seed Indonesia. EWS-KT works closely with YBTS, especially on the production of extension materials, extension methodologies, and data management. For more information, visit www.binatani.or.id.





**KNOWLEDGE
TRANSFER**

East-West Seed Knowledge Transfer Foundation
Heiligeweg 12, 1601 PN Enkhuizen
The Netherlands
www.ews-kt.com



Scan the code to find out
more about our work