



**GP** **GRAINPRO**  
STORING THE FUTURE

# IMPACT

— REPORT —

▶ ▼ ▲ 2025





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From the CEO

## Securing the Harvest. Sustaining the Future.

Every year, the world produces enough food to feed its population — yet a significant share is lost after harvest. This loss is not inevitable. but preventable.

At **GrainPro**, we are proud to stand at the forefront of that prevention. For more than three decades, we have worked to protect what farmers grow — delivering post-harvest solutions that reduce spoilage, improve quality, and help build more resilient, climate-smart food systems.

The outcomes presented in this report reflect what is possible when technology, trust, and shared commitment come together. From hermetic storage and solar drying, to transport protection and traceable plastic recovery, the progress documented here was made possible by the forward-thinking clients and partners who not only implement these solutions, but also take part in closing the loop — by returning used packaging for recycling. **Your leadership turns innovation into impact.**

This work is not just about preserving food. It's about protecting livelihoods, reducing waste, and creating a more secure, sustainable future — for everyone.

Thank you for being part of this ongoing mission. Together, we're not only preserving food — we're preserving possibilities.



**Jordan Dey**  
Chief Executive Officer  
**GrainPro, Inc.**

## A Foodful Future

Food security is determined not only by the amount of food we produce, but also by how well we protect it after harvest and throughout the value chain.

Despite sufficient global production, hunger and poverty persist. Each year, approximately 1.3 billion tonnes of food are lost or wasted, while an estimated 783 million people face hunger and food insecurity. Innovation, collaboration, and responsible practices can turn this challenge into an opportunity.

**1.3B**  
tonnes of food are lost or wasted



GrainPro partners with farmers, cooperatives, processors, and institutions to safeguard harvests, preserve quality, and strengthen food systems through our solutions — helping more food reach the people who need it most.

These efforts align with the United Nations Sustainable Development Goals (SDGs), particularly **SDGs 1 No Poverty, 2 Zero Hunger, 5 Gender Equality, 12 Responsible Consumption and Production, and 13 Climate Action.**



Our Role:

## Strengthening Food Systems.

A significant portion of global food is lost after harvest due to pests, mold, moisture, inadequate storage, and outdated post-harvest practices. These losses reduce food availability, undermine farmer incomes, and strain natural resources.

GrainPro addresses this challenge through hermetic post-harvest solutions that protect dry agricultural commodities during drying, storage, and transport. By preserving quality and extending shelf life, we ensure that more of what is grown is safe and accessible.

Through strengthened partnerships with farmers, cooperatives, governments, NGOs, and the private sector, GrainPro delivers reliable solutions designed for real-world conditions, helping communities, markets, and food systems become more resilient and sustainable.



## GrainPro Impact to Date

## 2025 Impact in Number

2,990,633

Farmers Served Worldwide

1,738,472 in Asia

1,036,046 in Africa

216,115 in Latin America



144,786

Farmers Served Worldwide

134,801 in Asia

5,297 in Africa

4,688 in Latin America



439,668,087

Kilograms of Crops Saved

56,701 Kilograms of

Phosphine Prevented



7,388,954

Kilograms of Crops Saved

917 Kilograms of

Phosphine Prevented



131,900,426

USD Saved

17,943,798 Beneficiaries

Served



2,216,686

USD Saved

868,719 Beneficiaries

Served

93,867 Hermetic Bags &  
3,052 TranSafeliners Recycled

214.08 kg CO<sub>2</sub>e Estimated  
Emissions Reduced from Recycling



## Sustainable Development Goal 1



# No Poverty

1 in 10 people worldwide were living in extreme poverty in 2025, and if trends continue, as many as 8.9% of the world's population will still live in extreme poverty by 2030. Around **1 billion people**, or 28% of the workforce, rely on agriculture, and yet smallholder farmers are among those who face poverty, food insecurity, and poor working conditions.



Actions to enhance opportunities are crucial to ending poverty. Recognizing the vital role of smallholder farmers, GrainPro delivers post-harvest solutions that safely preserve dry agricultural commodities. By reducing post-harvest losses, farmers gain steadier incomes and can reinvest in better tools, practices, and production. In 2025, GrainPro supported **144,786 farmers** and **868,719 beneficiaries** across Asia, Africa, and Latin America, preventing over **USD 2.2 million** in post-harvest losses and strengthening livelihoods.



## Sustainable Development Goal 2



# Zero Hunger

In 2024, an estimated **1 in 12 people faced hunger, and nearly 2.3 billion people were moderately or severely food insecure.** While hunger levels remained the same for three consecutive years, more than 600 million people are still projected to experience hunger in 2030. Yet, hunger is not only driven by low production but also by food loss that affects access to safe and nutritious food.

Safe post-harvest storage is essential to achieving Zero Hunger, protecting both food quantity and quality. Thus, GrainPro continuously delivers solutions that protect against spoilage, pests, and moisture while supporting climate resilience and year-round food availability. In 2025, more than **7.38 million kilograms of crops were saved through GrainPro post-harvest solutions.** With each grain preserved, the world is a step closer to a world without hunger.



## Sustainable Development Goal 5

# Gender Equality

Women represent half of the world's population and its potential, making gender equality both a fundamental human right and essential to a healthy society. In agriculture, women comprise around **36%** of the global agrifood workforce, with up to 66% in sub-Saharan Africa and 71% in Southern Asia. Even so, many lack access to tools, training, and support to improve productivity and safety.

GrainPro helps close this gap by providing post-harvest solutions that also empower women farmers. Apart from reducing labor and improving efficiency, these solutions increase income, strengthen leadership roles, and promote more equitable and inclusive food systems. Furthermore, GrainPro extends this commitment to equal opportunity within its workforce, fostering inclusive professional development and inviting partners to collaborate in building a more food-secure world.



## Sustainable Development Goal 12

# Responsible Consumption and Production

Ensuring sustainable consumption and production patterns is key to sustaining livelihoods today and tomorrow. Beyond preventing food loss, transitioning to a circular economy is vital and requires innovations that enhance durability, repairability, and recyclability, while encouraging reusing and recycling to reduce waste.

Aligned with this goal, GrainPro launched its **Plastic Fantastic** facility to recycle in-house rejects and Hermetic Bags. Beginning with producing recycled coasters, the facility expanded in 2025 to produce Bean to Pot Planter made from 7-8 repurposed hermetic bags.



GrainPro has also established partnerships aligned with the same commitment to circularity. GrainPro and Gargeon maintain a closed-loop system for recycling used TranSafeliners, collecting **3,052 liners in 2025**. The GrainPro and Neumann Kaffee Gruppe recycling project provides recycling access for hermetic bags across the United States and has since expanded to Europe, collecting **93,867 hermetic bags in 2025**.



## Sustainable Development Goal 13



# Climate Action

The [World Meteorological Organization \(WMO\)](#) confirmed 2024 to be the hottest year on record and estimated an 80% chance that one of the next five years may surpass this record. As climate change may intensify due to human activity and rising greenhouse gas emissions, climate action can start by supporting communities to adapt to greener practices.

Addressing this factor, GrainPro designed its post-harvest solutions to boost climate resilience, reduce energy dependence, and enable chemical-free preservation. Through Hermetic Technology in storage and transport, GrainPro reduced reliance on chemical fumigation and **prevented 917 kg of phosphine use in 2025.**



Further aligning to this goal, greenhouse gas reductions from the recycling were estimated using the [GHG Conversion Factors for Company Reporting 2025](#) from the UK Government, focusing on emissions solely from waste handling and disposal. A total of **214.08 kg CO<sub>2</sub>e estimated emissions reduction** has been achieved through the recycling programs established by GrainPro and its partners, with an estimated emissions reduction of **65.97 kg CO<sub>2</sub>e** coming from hermetic bags and **148.11 kg CO<sub>2</sub>e** from TranSafeliners.

[Click for more information on the computations](#)



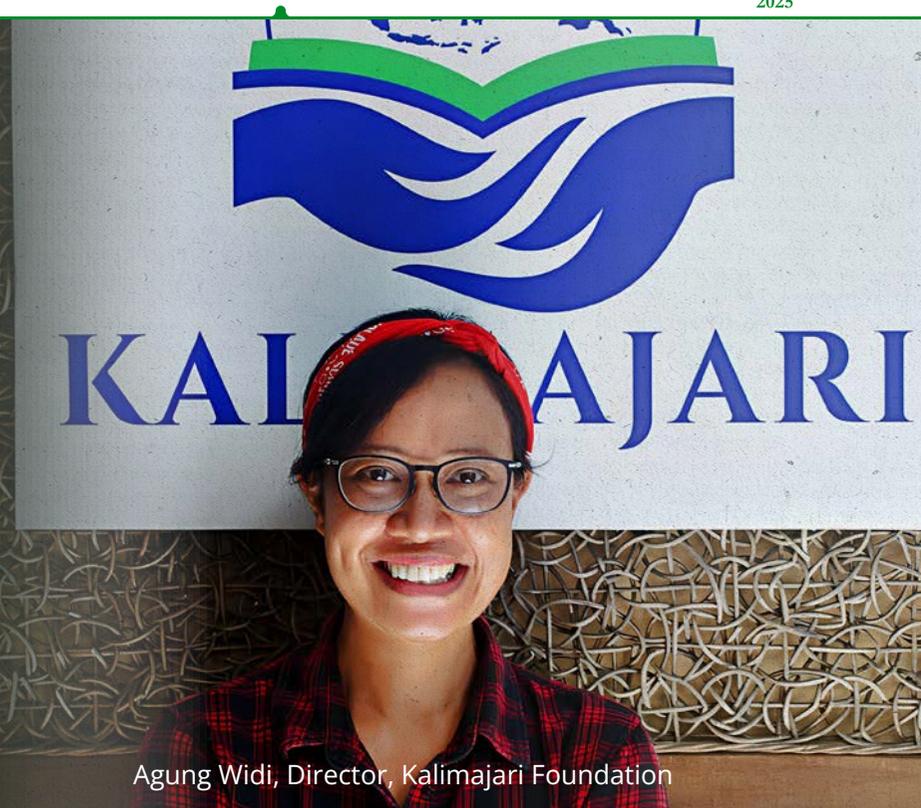
## Impact in Action

### Asia

**Cacao is our future.” — For a small community in Bali, cacao is more than just a crop; it is hope.**

The **Kalimajari Foundation**, an NGO in Denpasar, works closely with cacao and seaweed farmers in Jembrana. Transitioning to organic storage practices, these farmers faced challenges from humidity, mold, and income loss.

With centralized processing, farmers deliver fresh cacao beans to their cooperative for fermentation, drying, sorting, and storage, maintaining a strict 7% moisture level for market quality. However, rain and humidity would undo their hard work, forcing costly re-drying and risking mold.



Agung Widi, Director, Kalimajari Foundation

Change came when local distributor, PT Cipta, introduced hermetic storage from GrainPro. With this post-harvest innovation, the beans' moisture was stabilized, quality was preserved, and energy and labor were saved — protecting both the beans and **609 cooperative members and their families.**



Anand, COO, The Timbaktu Collective

In **India**, the **Timbaktu Collective** has been using GrainPro Bags for the last 8 years to store millets, pulses, and paddy, protecting them from insect infestation while maintaining chemical-free storage in line with their organic practices. This long-term adoption demonstrates the effectiveness and reliability of hermetic storage solutions in supporting sustainable agriculture and safeguarding the quality of staple crops.

## Impact in Action

### Africa

Smallholder farmers across Africa face recurring post-harvest losses caused by pests, humidity, and limited access to durable storage. These losses undermine food security, incomes, and the preservation of crops.

Together with the **Kenya Cereal Enhancement Programme - Climate-Resilient Agricultural Livelihoods Window (KCEP-CRAL)**, smallholder farmers have gained access to improved drying and hermetic storage solutions. These tools help farmers protect their crops, maintain quality without the use of chemicals, store their harvests safely, sell at better prices, and strengthen local food security.

[Read full story](#)



In Malawi, the story of Grace Samba Kalachu, a maize farmer from the Mijikenda community, highlights how GrainPro protected heritage maize varieties, preserving both family livelihoods and cultural agricultural traditions.

*"I am no longer fearful of losses like the times I stored using traditional methods. Drying has become fast and effective. My storage system has been simplified, and the quantities stored have increased significantly. My life became better since I attended the EAGC Coast Region Exhibition in 2021 and got introduced to GrainPro products."*

By reducing post-harvest loss across these regions, GrainPro not only improved food availability and economic stability but also reinforced confidence in sustainable, climate-resilient farming practices.

[Read full story](#)

Grace Samba Kalachu



## Impact in Action

# United States

As hermetic storage solutions scale globally, responsible end-of-life management is critical to reducing waste and minimizing environmental impact. Without recycling programs, used storage bags risk entering waste streams instead of contributing to a circular economy.

In 2025, the GrainPro and **Neumann Gruppe USA** recycling program collected over **93,000 used GrainPro bags**. These were carefully cleaned, processed, and repurposed as post-consumer resin to produce new GrainPro Standard Protection Bags, closing the loop.

This program supports circular economy practices, reduces plastic waste, and contributes to lower emissions — demonstrating how cross-industry partnerships can turn sustainability commitments into measurable action.



## Looking Ahead

GrainPro will continue expanding its impact by helping communities maximize the value of every harvest, focusing on practical post-harvest innovations and services that are accessible and tailored to their needs.

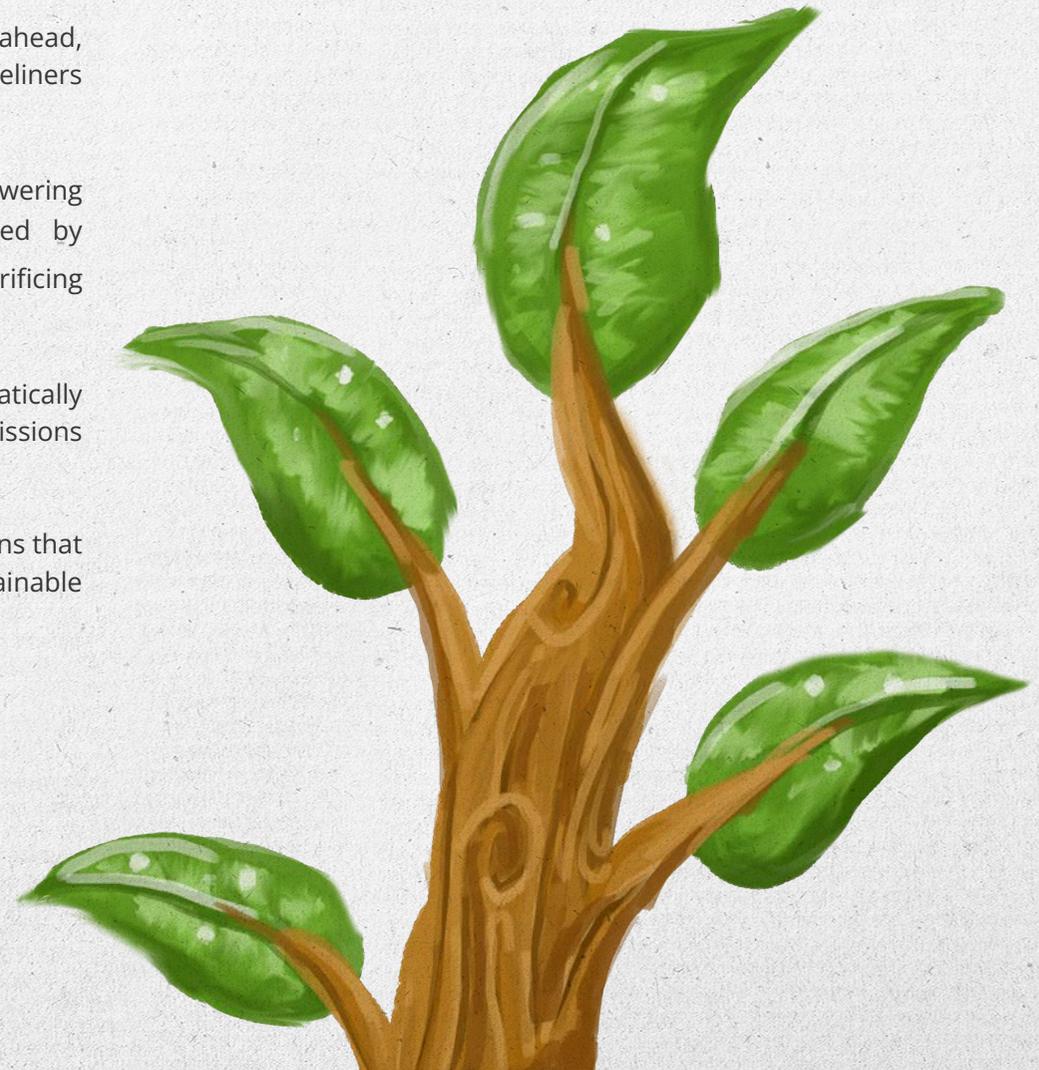
Guided by its 5 Core C's, GrainPro continues to strengthen its sustainability by embedding responsibility and innovation across its operations.

**Collection & Recycling** remains a key priority. In the year ahead, end-users will have more opportunities to return used GrainPro Bags or TranSafeliners (container liners) and be rewarded for supporting circularity.

Through **Circularity**, GrainPro improves traceability and reusability, lowering environmental impact and maximizing resource efficiency. This is reinforced by **Compostability**, efforts to develop eco-friendly alternatives without sacrificing safety or performance.

Addressing **Carbon Footprint** is equally critical. GrainPro is systematically collecting carbon footprint data guide strategies for reducing and offsetting emissions across its value chain.

At the heart of these efforts is **Create** — developing new and improved solutions that are more effective, adaptable, and environmentally responsible, from sustainable packaging concepts to accessible storage systems.



## Looking Ahead

These actions are reinforced by the **3 Support Cs**.

**Climate-smart** solutions to reduce climate risks and increase resiliency. **Communication** to ensure transparency, and **Certification** to validate GrainPro's commitment through recognized sustainability standards.

Through innovative post-harvest solutions, farmers can protect their harvests, reduce food loss, secure better prices, and ensure their crops maintain the highest quality — all without compromising sustainability.





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