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WAALSBAAG

Postharvest technology

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"Farming is not merely a way of making a living, but a way of making a life – cultivating the land, nurturing communities, and sowing the seeds of a sustainable future."





Problem

"In Ghana, the tomato supply chain faces a critical challenge of significant postharvest losses, resulting in substantial economic impact and food security concerns.



40%

Post Harvest Loss

Before the produce gets to the market.

Supply Chain Problem

Agriculture

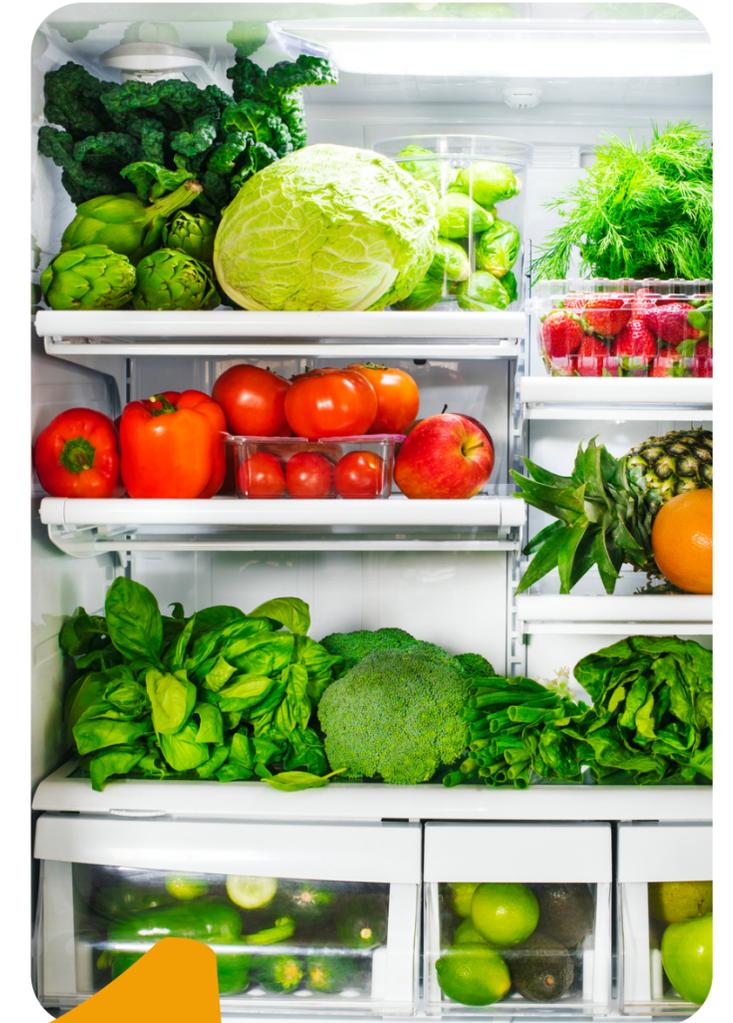


Farmers

Produce do not get ripe at once so they use agro-chemicals, but yet they still face post harvest loss

Wholesalers

When transporting face a lot of loss, due to poor road networks, package.



Consumers

Reduce life span hence rapid consumption or they get bad

Waalbags

Post harvest technology



Uses innovative materials to extend the shelf life of tomatoes and offers real-time ripening monitoring, empowering small-scale farmers and improving food security.





Smart Track App

Post harvest technology

The Smart Tracking App is a mobile application that provides real-time data on tomato ripening, helping farmers make informed decisions for harvesting and marketing, reducing postharvest losses.





Coolboth

Post harvest technology



Coolboth is a refrigerated storage service for small-scale farmers in Ghana. It offers controlled storage facilities to extend the shelf life of produce, reducing postharvest losses and ensuring freshness. Farmers can easily rent and monitor their stored produce for optimal market timing.

Solution to Supply Chain



Waalbag

- Producer
- Wholeseller and Retailer

App tracker

- Producer
- Wholeseller and Retailer

coolboth

- Producer



Impact



2 ZERO HUNGER



- Producer
- Wholeseller and Retailer



13 CLIMATE ACTION



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



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THANKS