Feed An Island

Hawai‘i imports 85–90% of its food.
We grow more here—resiliently,
sustainably, and together.

Stronger islands. Healthier people.
A more secure future.

The Problem

Hawai’i imports 85–90% of its food

- Among the highest food costs in the U.S.
- Limited local production capacity
- High exposure to climate and shipping disruptions

“Most of Hawai’i’s food travels thousands of miles before it reaches the plate.”

The Solution

A distributed food production infrastructure network

- 1,000 micro-production systems deployed across Hawai'i
- Converts small spaces into high output food production assets
- Operates across urban, coastal, and climate-variable environments

From small-scale growing to scalable infrastructure

Why This Model Wins

- Limited land
- Water constraints
- High import costs

Technology Advantage:

- 2–5x yield per footprint
- Year-round production
- 90% less water
- 80–90% less fertilizer

“Designed specifically for the islands.”

Food Ambassadors

The Model

~1 system ⟶ household

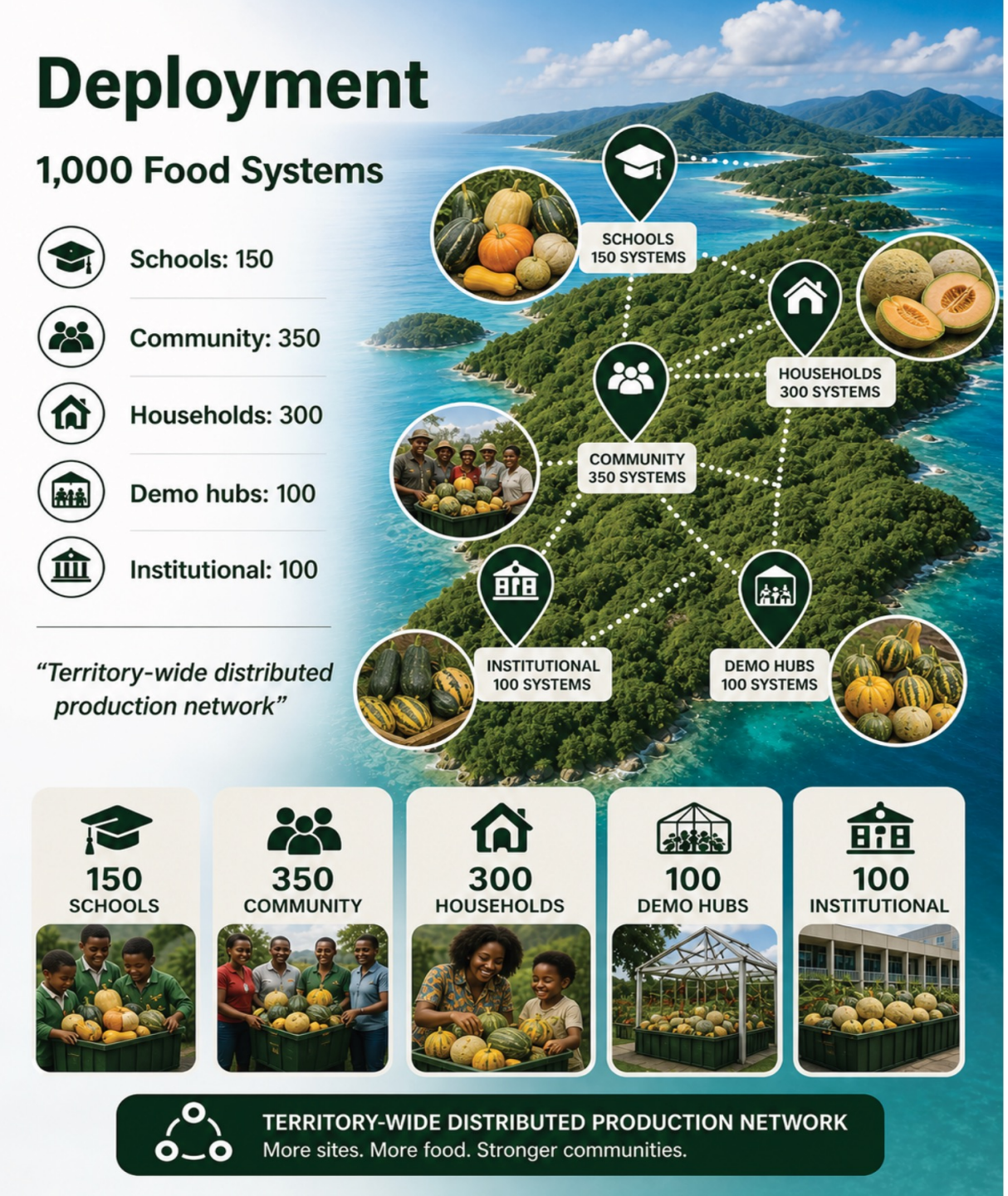
~1 system ⟶ community

"Get Two – Give Two" Structure

~Household production

~Community food access

~Self-expanding network quickly creating food security grower-by-grower

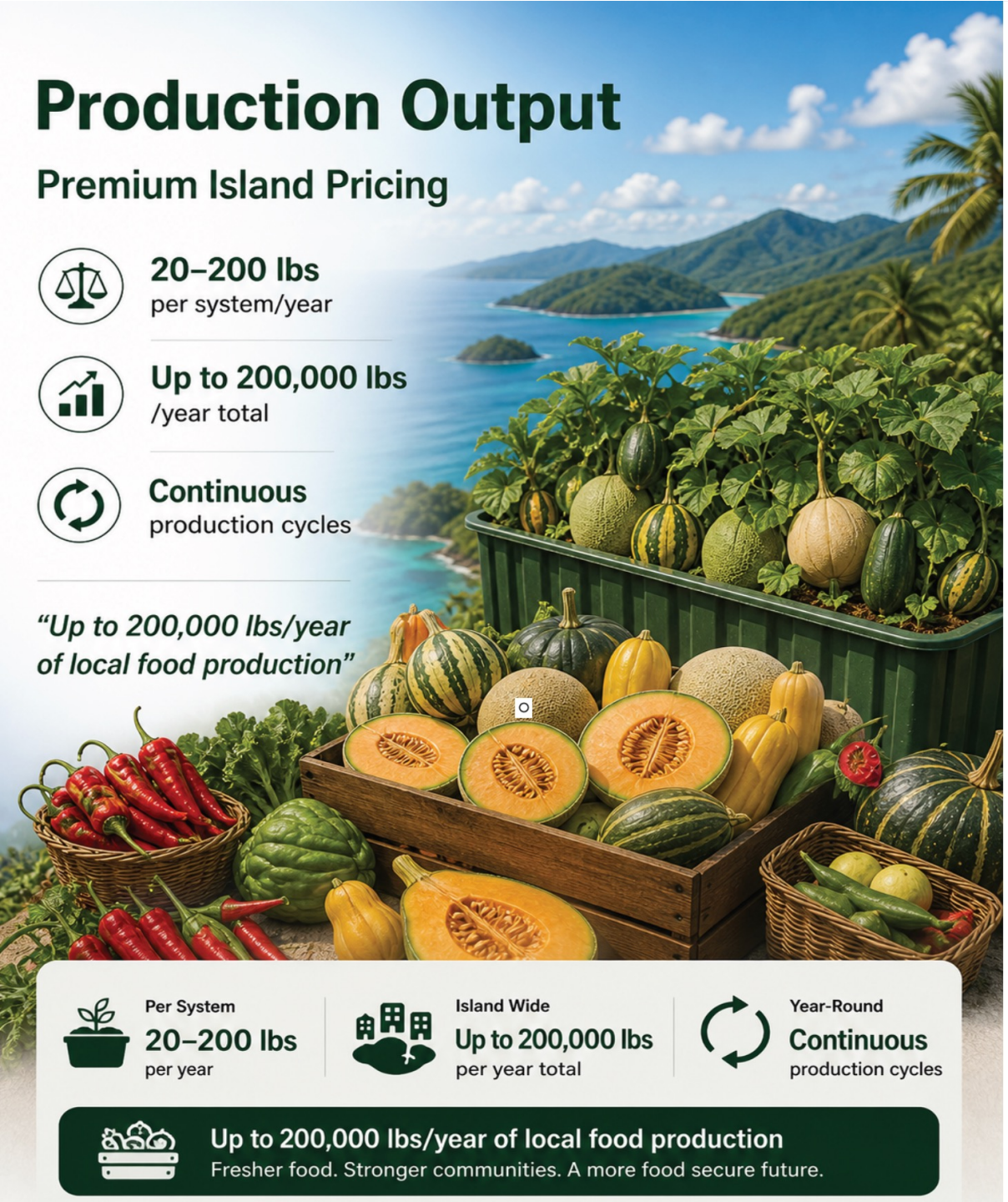


Island Deployment

1,000 Food Systems

- Schools: 150
- Community: 350
- Households: 300
- Demo hubs: 100
- Institutional: 100

"Territory-wide distributed production network"



Production Output

- 20–200 lbs per system/year
  - 3x yield bush beans
  - 4x yield tomatoes
  - 5x yield peppers
- Up to 200,000 lbs/year total
- Continuous production cycles

"Up to 200,000 lbs/year of local food production"

Resource Efficiency

~Only 52 gallons per system per year

~Radically water-efficient: up to 90% less water, with each plant using just 0.07–0.12 gallons per day

~Pre-charged with organically sourced, slow-release fertilizers, reducing fertilizer use by 80–90%

"Grow more food with significantly less input"

Financial Impact

~$0.15–$1.50 per lb production cost (up to 90%+ below market)

~Current market pricing: $5–$8 per lb, reflecting premium island import costs for fresh produce

~$1.0M–$1.6M annually shifted from imports to local food production

“Produce food at up to 90% below imported cost”

Cost & Deployment

- $40–$60 per system
- $40K–$60K production cost
- $295K–$335K first phase total deployment

"$300K ⟶ 200,000 lbs/year production capacity"

Island Economics

Lowering The Cost Of Food

System	Cost per lb
Imports	$5–$8
Hydroponics	$2–$4
This System	**$0.15–$1.50**

"The lowest known cost-per-pound food production model deployable at scale in island environments."

Food Security Path

- Phase 1 ⟶ 1,000 systems year 1
- Phase 2 ⟶ 5,000 years 2 & 3
- Phase 3 ⟶ 10,000+ years 4 & 5

"Built to scale rapidly across the territory"

Contact

John Kendall
Founder ▪ Feed An Island

john@feedanisland.com
feedanisland.com
808.830.9278

The Food Ambassador Network

This initiative establishes the first scalable, decentralized food production network in Hawai'i — designed to reduce food import dependence while strengthening long-term island resilience.