

October 2021

HEARTFOODS

COMMUNITY FARMS

Transforming Our Food System

Locally grown foods that are good for your heart.

Objective

HeartFoods Community Farms

Fresh organic foods grown year-round using recycled nutrients, carbon, water and energy from local food wastes.



HEARTFOODS[®]

Problem



Short Video Link:

[WHY DO WE NEED TO CHANGE OUR FOOD SYSTEM?](#)

Current Global Food Supply Chain Creates Food Waste

Global Food System



Must be Transformed

1/3 of food
is wasted

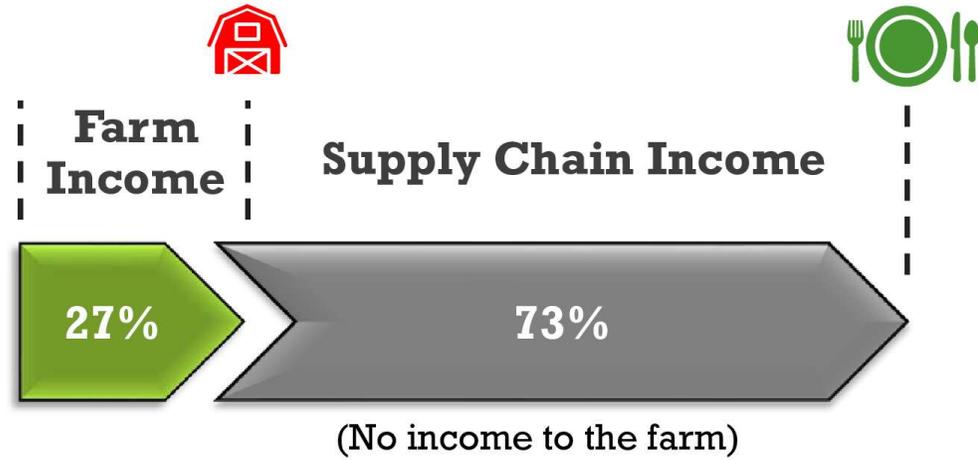


Farm to Fork Economy

100% of HeartFoods products are sourced and sold within the HeartFoods community.

HEARTFOODS[™] Food System

Current Global Food System



\$ Linear Money Flow \$



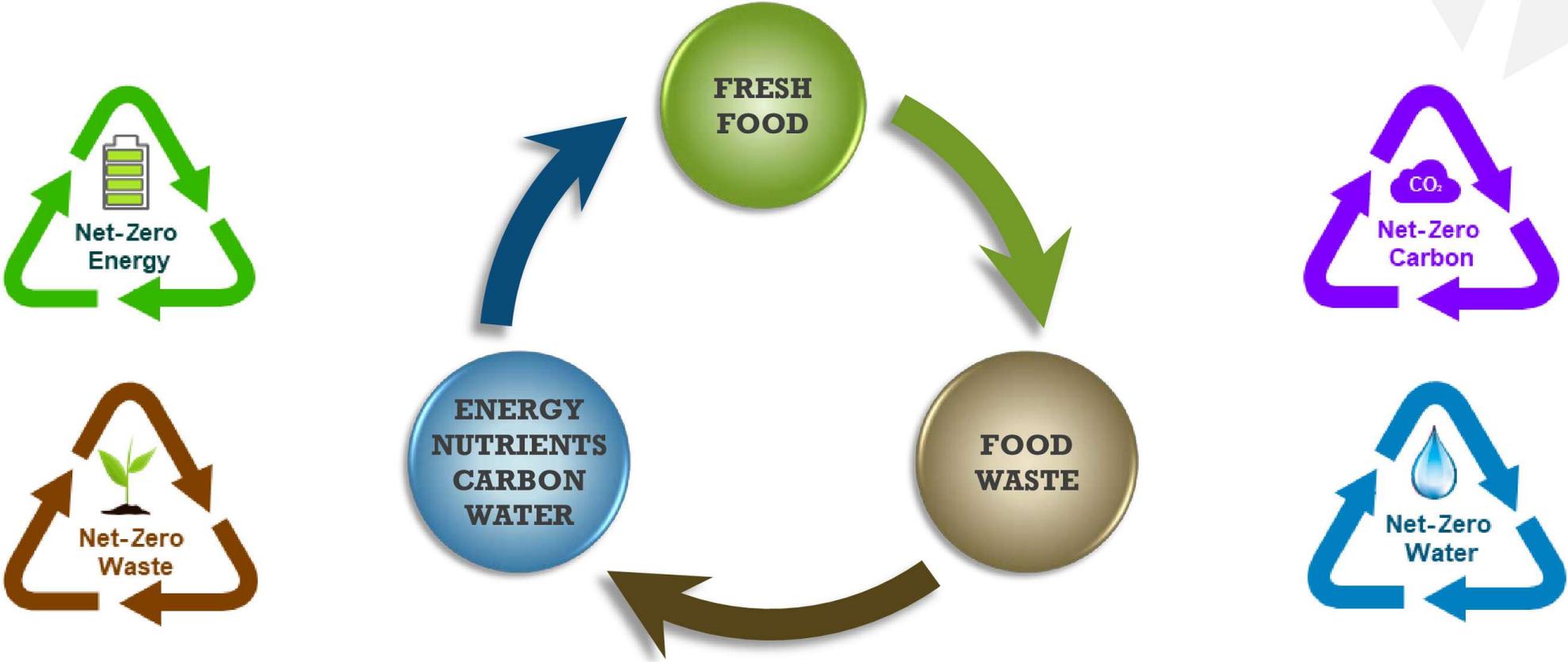
Eliminates Supply Chain

Direct Sales to Customers

Local Food and Jobs

\$ Circular Economy \$

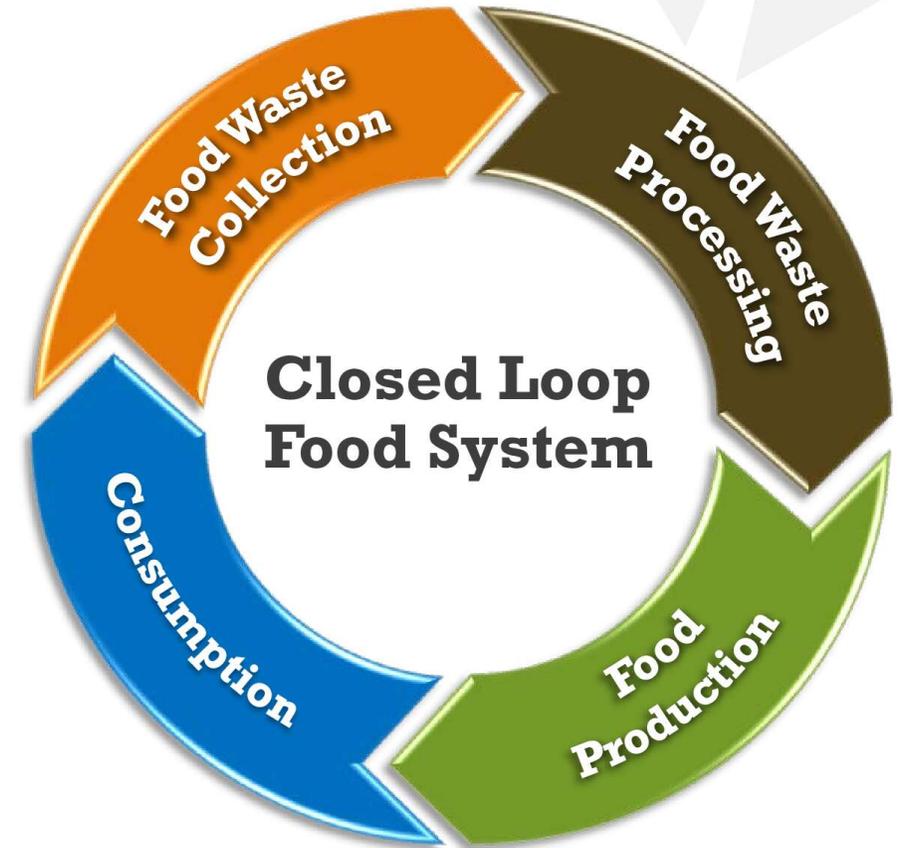
Net Zero Design



Closed-Loop Design
Energy + Nutrients + CO₂ + Water

Unique Advantages

- ✓ Agritech & Cleantech Precedent
- ✓ Proven Sustainable Technologies
- ✓ Whole Systems / Integrated Design
- ✓ Provides Local Food Security and Jobs
- ✓ Food Transport Cost Avoidance
- ✓ Proprietary Organic Fertilizers
- ✓ Year-Round Food Freshness & Quality
- ✓ Carbon Capture & Sequestration
- ✓ Replicable Worldwide Locations
- ✓ Stimulate Local “Circular” Economies



Plant-Based Organic Foods



Greenhouse & Vertical Food Production Hydroponics & Aeroponics

*** Vegetables, Greens, Herbs, Spirulina and Berries ***



Barramundi (Sea Bass)



Tilapia



Shrimp



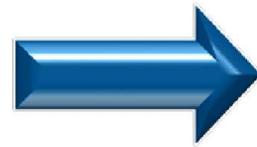
Recirculating Aquaculture Fresh Organic Fish & Shrimp

*** Fed with plant-based aquaculture feeds ***

Food Distribution

- 
- Tomatoes
 - Peppers
 - Cucumbers
 - Greens
 - Herbs
 - Spirulina
 - Duckweed
 - Berries
 - Shrimp
 - Barramundi
 - And more...

Distribute Food To Consumers



Prepare Food For Distribution



Grocery/
Retail



Restaurants,
Hospitals &
Schools



Commercial
Kitchen &
Cafe



Food
Trucks



Home
Delivery
Services



Food Waste Collection



Grocery
/Retail



Restaurants,
Hospitals &
Schools



Commercial
Kitchen &
Cafe



Food
Trucks



Home
Delivery
Services

**Collect Food
Waste**



**Convert
Food Waste
To Fertilizer**

Tomatoes



Peppers



Cucumbers



Greens



Herbs



Spirulina



Duckweed



Berries



Shrimp



Barramundi



And more...

HEARTFOODS™



Community Farm “Plug & Play”



Community Farm Example Campus



HeartFoods Management Team



**Mark
Buehrer**

CEO
Founder & Director



**Jessie
Buehrer**

CFO
Founder & Guardian



**Karl
Thomas**

Business Development
Facilities Operations



**Noramae
Munster**

Nourishment Champion
Culinary Creator

