

# From Emission Sources to Sequestration Capacity...





1 pound of food in landfill = 3.8 pounds of CO<sub>2</sub>e emissions. (UN FAO)

1 pound of cardboard in landfill = 2.2 pounds of CO<sub>2</sub> emissions. (US EPA)







# Ma'ona Community Gardens: A Verified Pilot





# How Do We Do This?

## The Hawaii Gigatonne Team:

- A multisectoral team building 100 - 200 composting site within 12 - 24 months
- 6,000-12,000 CO<sub>2</sub>e tons of abatement per month
- Building 3,000 - 4,000 tons of sequestration capacity yearly
- Aim to create beneficial impacts to up to 10,000 households per month



## What are the current roadblocks:

- Disabling policies and laws on the state and county levels
- Lack of capacity and infrastructure
- Start up costs

## What are the tested solutions?

- Update and streamline regulations and permitting
- Accurate and current data
- Investing meaningfully in infrastructure and start up operations

**\$25 - 30 Million**

...in the next 2 years

**This is an  
emergency.**