

CleanBin co.

SOLVING FOOD WASTE WHERE IT STARTS



THE PROBLEM

“If you put (organic waste) in the freezer, then your ice and butter start to smell and taste like garbage.”

~39M

Californians forced into mandated food separation (**SB 1383**)

\$100-500

fine for every violation

Odor buildup & pests take **24h**

“(one week) would lead to build up of trash, smells and bugs.”

“I had a clean kitchen. I can kiss that goodbye.”

CURRENT SOLUTIONS

Freezing/Dry Leaves



Requires **large storage space** and **time**

Odor Absorbers



They are **messy** to use/distribute unevenly

Dehydrators



Expensive & energy-intensive

OUR SOLUTION

Affordable

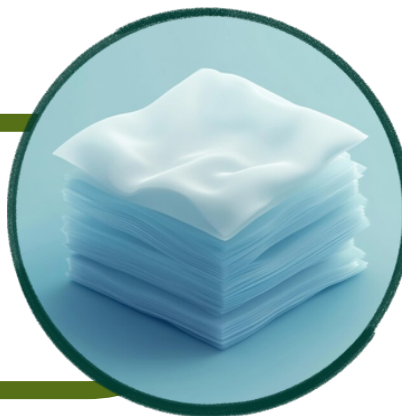
Simple “toss and go” **Low cost, no energy**

\$7.61

Per Box (100 sheets)

Easy to Use

Dry, mess-free sheet Household ready



Efficient

Works directly in-bin & easy to adopt



Early Adopters

households under composting laws in CA



Why us

No smell. No effort. Just toss.

activated charcoal (odor control)

\$0.004

dormant microbes

Bacillus Licheniformis (faster breakdown)

\$0.002

viscose cellulose (base)

\$0.07

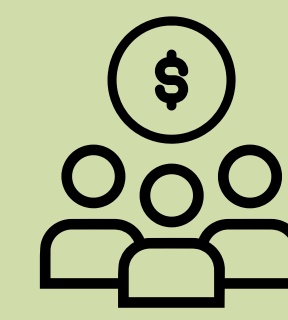
Business Model

Who pays:



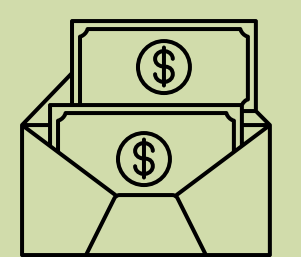
- household
- city programs

Revenue:



- for-profit
- recurring purchase

Funding:



- sustainability grants
- government waste programs

low production cost + high repeat usage → **self sustaining**

Scaling Strategy

Start households under mandates

city waste programs **Partner**

Expand nationwide policy adoption



EXPERIMENT

2 bins with 6 banana peels for 3 weeks

Mass Loss

Control:

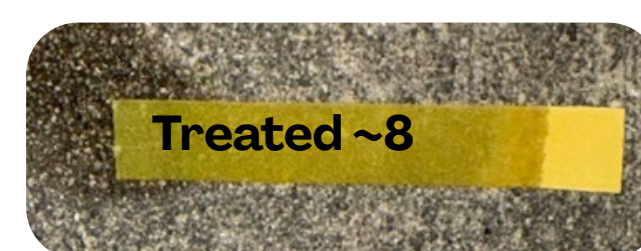
552g → 363g **34.2%** ↓

Treated:

537g → 321g **40.2%** ↓

pH

faster breakdown → more ammonia → more basic



Smell

avg. smell score per bin (23 people)



Treated Bin: 3.0/10

Control Bin: 7.1/10