

# CASE STUDY:

## FOOD CYCLE COMMUNITY COMPOST PROGRAM



JANUARY 2017 - DECEMBER 2023 • ENCINITAS, CA

### PROJECT DETAILS

**Replicable model of community-based food waste solution**

Food Cycle participants had a **48% average reduction of food waste** compared to the average American.

**Model of innovative mid-scale composting techniques**

**Aerated Static Pile (ASP)** structure and **bokashi** pre-processing enabled vector-free stockpiling and scheduled volunteer-supported compost builds without manual turning.

### OUTCOMES

- Proof of concept of accessible climate solution
- Prevention of harmful greenhouse gas production
- Hands-on education and volunteer opportunities
- Recognized as 2023 National Organics Diversion Program by US Composting Council

### IMPACT SUMMARY



**144,000**

Pounds of greenhouse gases prevented by composting throughout the six-year project



**500**

Number of program participants



**7,000**

Buckets of pre- & post- consumer food waste composted



**210,000**

Pounds of food scrap diverted from landfill

Food Cycle provided insight for wider adoption of food waste prevention and diversion. **An organics recycling program similar to Food Cycle will prevent 15 MTCO<sub>2</sub>e emissions annually as compared with landfilling.**

*"We have loved using the Food Cycle Program! I was among the first residents to 'pilot' the program. Thanks for being such a great resource!"*

- FOOD CYCLE COMMUNITY COMPOST PROGRAM PARTICIPANT

### ACKNOWLEDGMENTS

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