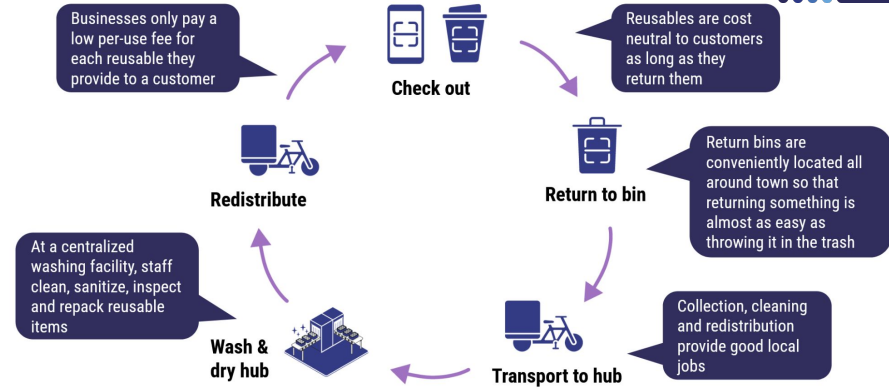




## How a city-wide reuse system works



Perpetual is working at the city level to design and implement reusable foodware systems that **deliver reductions in GHG emissions and plastic waste and pollution.**

The Reusable Foodware Systems that are launched in these first four cities will **provide replicable models** that fit almost any other US city.

**Foodware is just the the beginning.** These systems are **proving the economic and behavioral case for reuse**, and are being designed to be able to expand to include **consumer packaging**, multiplying the potential impact.

## Reuse at scale is a win-win-win

### Environment

- ❖ Less plastic entering the ocean, where it accelerates climate change (not captured in LCAs)
- ❖ Reduced toxic emissions from production of single-use items

### People

- ❖ Reduced exposure to chemicals of concern
- ❖ Good local jobs
- ❖ Point of community connection
- ❖ Premium eating and drinking experience
- ❖ Income source for collectors

### Economy

- ❖ Less waste for city to manage
- ❖ Money stays in local community
- ❖ Reduced sourcing risk for businesses
- ❖ At scale, economically viable for businesses

### Estimated Impact of Reusable Foodware Systems at Scale

	Four Partner Cities	US Nationwide
Waste Reduction	1,015 metric tons/yr	682,427 metric tons/yr
Plastic Waste Reduction	648 metric tons/yr	435,806 metric tons/yr
GHG Emissions Reduction	3,244 MTCO <sub>2</sub> e/yr	2,180,572 MTCO <sub>2</sub> e/yr
Job Creation (management & ops)	~ 50 jobs	~14,000 jobs