

C L O S E D  
L O O P *fund*

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The Closed Loop Fund is a social impact fund investing \$100M to increase the recycling of products and packaging.

Investors include:



## The Closed Loop Fund is building local and national recycling infrastructure to create systemic value for the entire value chain

### REDUCE COST OF GOODS

- **Increase supply** of recycled commodities available to source
- **Protect supply** from **resource scarcity** and **price volatility** by recovering material from waste stream.

### MEET SOCIETAL DEMAND

- Meet consumer, societal demand for recyclable products
- Ensure citizens have access to recycling where and when they need it
- Improve city resiliency

### TRANSPARENCY AND ACCOUNTABILITY

- Revenue backed loans prove the business model and return capital
- Provide data of GHG reductions and money saved by municipalities

## Anticipated impact of the fund

The Closed Loop Fund targets following impact could be achievable over the life of the Fund (10-years):



### **SOCIAL**

2,000+ incremental local jobs vs. land-filling.



### **ENVIRONMENTAL**

50 million metric tons of GHG reduction



### **FINANCIAL TO MUNICIPALITIES**

\$2B in avoided landfill tipping fees and revenue generated from selling diverted commodities.



### **UNLOCK PUBLIC AND PRIVATE FUNDING NATIONALLY**

Create scalable models that prove financial value to funders across the country to help bring modern recycling programs to homes across the US.

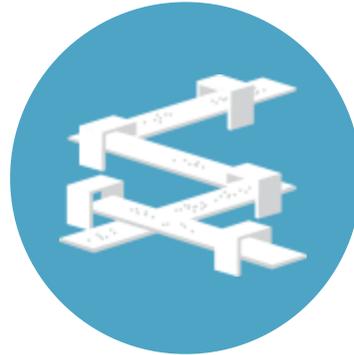
■ The Closed Loop Fund unlocks recycling's value by providing **0% and low interest loans** to cities and companies to build recycling infrastructure.

We invest in replicable models that remove barriers to an effective and financially viable recycling system

WE INVEST IN:



COLLECTION

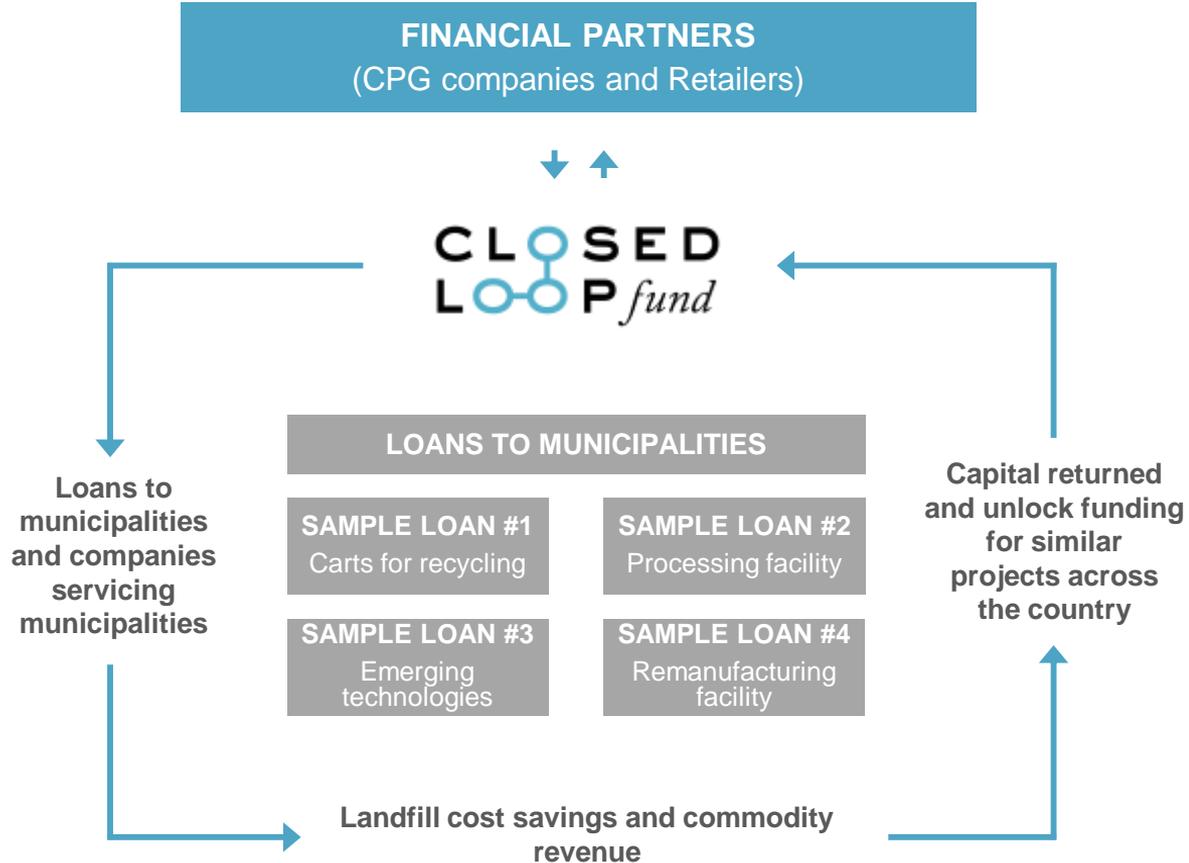


SORTING



PROCESSING & MARKET DEVELOPMENT

# Fund Structure





**QRS -- Plastic Recovery Facility (PRF)  
Baltimore, MD**

**Investment:** Create profitable market for hard-to-recycle rigid plastics (#3-7) for the east coast.

**Impact Over 10-years:** 650,000 tons, 670,000 tons of GHG

**Total Project Cost:** \$11,000,000

**Closed Loop Fund Portion:** \$2,000,000

**Co-investment unlocked:** \$9,000,000



## **Portage County, OH**

**Investment:** New Single Stream Recycling Carts and Trucks in Midwestern semi-rural community

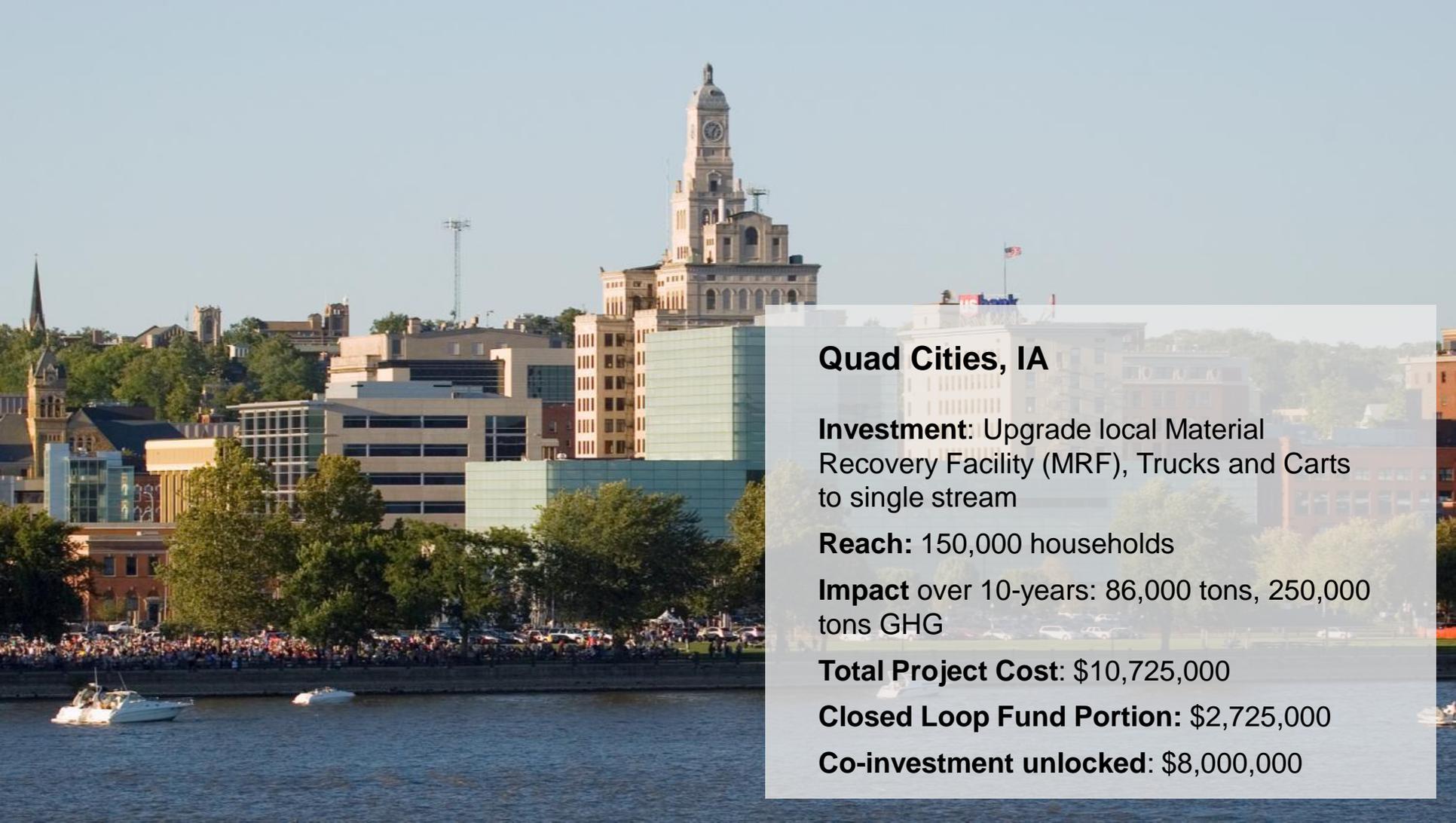
**Reach:** 25,000 households

**Impact over 10-years:** 37,000 tons, 110,000 tons of GHG

**Total Project Cost:** \$4,300,000

**Closed Loop Fund Portion:** \$3,100,000

**Co-investment unlocked:** \$1,200,000



## **Quad Cities, IA**

**Investment:** Upgrade local Material Recovery Facility (MRF), Trucks and Carts to single stream

**Reach:** 150,000 households

**Impact** over 10-years: 86,000 tons, 250,000 tons GHG

**Total Project Cost:** \$10,725,000

**Closed Loop Fund Portion:** \$2,725,000

**Co-investment unlocked:** \$8,000,000

# Where does CLF overlap with California's five priority strategies?

CLF operations overlap with **top 3 of 5 priority strategies** in California's 75% waste reduction plan

## 1. Moving organics out of landfill

- Co-founder and funder of Rethink Food Waste through Economics and Data (ReFED)
- Visit [refed.com](http://refed.com) to learn more

## 2. Expanding recycling / manufacturing infrastructure

- \$100m Closed Loop Fund
- + \$400m of co-investment

#1 & #2 achieved through **voluntary collective action of industry**

**#3, Innovative funding models, will draw industry investment and enable business sustainable solutions for #1 and #2**

## 3. Exploring new funding models (CLF expertise)

1. Environmental / green bonds
2. Social impact bonds
3. Pooled foundation Program Related Investment (PRI) funds
4. Variable interest / repayment debt / equity
5. Collateralized debt obligations

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