



Georgia Recycling Coalition Annual Conference

Stephen "SK" KlemannDirector Sales
Closed Loop Partners

IMPORTANT NOTICE

Disclaimer

The information contained in this presentation (the "Presentation") is highly confidential and is being provided for information purposes only to a limited number of financially sophisticated persons who have expressed an interest in the matters described herein. The Presentation does not constitute an offer to sell, or a solicitation of an offer to purchase, any securities. Any such offer or solicitation will be made in accordance with applicable securities laws. The Fund is in the process of registering with the Securities and Exchange Commission as an Investment Adviser.

The Presentation is being provided on a confidential basis solely to those persons to whom this Presentation may be lawfully provided. It is not to be reproduced or distributed to any other persons (other than professional advisors of the persons receiving these materials). It is intended solely for the use of the persons to whom it has been delivered and may not be used for any other purpose. Any reproduction of the Presentation in whole or in part, or the disclosure of its contents, without the express prior consent of General Partner is prohibited.

No representation or warranty (express or implied) is made or can be given with respect to the accuracy or completeness of the information in the Presentation. Certain information in the Presentation constitute "forward-looking statements" about potential future results. Those results may not be achieved, due to implementation lag, other timing factors, portfolio management decision-making, economic or market conditions or other unanticipated factors. Nothing contained herein shall be relied upon as a promise or representation whether as to past or future performance or otherwise.

The views, opinions, and assumptions expressed in this presentation are as of December 2018, are subject to change without notice, may not come to pass and do not represent a recommendation or offer of any particular security, strategy or investment. The Presentation does not purport to contain all of the information that may be required to evaluate the matters discussed therein. It is not intended to be a risk disclosure document. Further, the Presentation is not intended to provide recommendations, and should not be relied upon for tax, accounting, legal or business advice. The persons to whom this document has been delivered are encouraged to ask questions of and receive answers from General Partner and to obtain any additional information they deem necessary concerning the matters described herein.

The interests in Closed Loop Ventures II, L.P. (the "Fund") described in this presentation have not and will not be registered under the Securities Act of 1933 (the "U.S. Securities Act") or any state securities laws or the laws of any foreign jurisdiction, and the Fund will not be registered as an "investment company" under the Investment Company Act of 1940 (the "1940 Act"). The interests described in this presentation may not be offered or sold except pursuant to an exemption from, or in a transaction not subject to, the U.S. Securities Act. Accordingly, each purchaser of the interests offered hereby will be required to (a) represent that such purchaser is an "accredited investor" as defined by Regulation D under the U.S. Securities Act and (b) make such additional representations as may be required by the Fund to allow it to comply with one or more exemptions from registration under the 1940 Act.



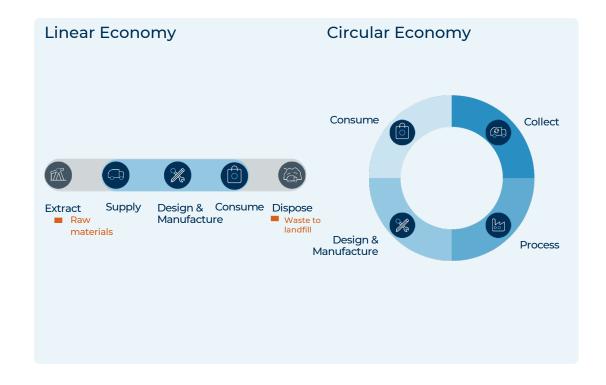
Closed Loop Partners is an investment firm and innovation center building a circular economy, a new economic model focused on a profitable and sustainable future.



Who We Are

We invest in the circular economy, a new economic model focused on a profitable and sustainable future.

The circular economy is the most significant restructuring of global commerce since the industrial revolution. It is an overhaul of how products are designed, manufactured, sold, refurbished and recycled into new products. It is a framework for global corporations and start ups alike to reduce costs, increase efficiency and protect the environment we share.





Our Business Model: Investment Firm & Innovation Center

ASSET CLASSES

VENTURE CAPITAL	Deploying early-stage capital into companies developing breakthrough solutions for the circular economy. - Closed Loop Venture Fund - Closed Loop Venture Fund II
GROWTH EQUITY	Providing capital to innovative companies that deliver the scaled solutions necessary for a more circular future for the global fashion industry. - Closed Loop Fashion Fund
PRIVATE EQUITY	Acquiring companies along the value chain to build circular supply chains Closed Loop Leadership Fund
PROJECT FINANCE	Financing recycling and circular economy infrastructure across North America. - Closed Loop Infrastructure Fund - Closed Loop Beverage Fund

INNOVATION CENTER



Center for the Circular Economy

Executing research, analysis and pre-competitive collaborations to accelerate the transition to a circular economy in which materials are shared, re-used and continuously cycled.

- Research & Analysis
- Solution Searches
- Circular Business Accelerators
- Multi-industry Collaborations
- Advisory Services



Closed Loop Infrastructure Group

The Closed Loop Infrastructure Group (CLIG) strengthens recycling **infrastructure and circular supply chains** by making **catalytic investments** across collection, sortation, processing, end-manufacturing, and enabling technology that enhance the quantity and quality of recycled material. The team manages **four active funds:**

Fund	Launch Date	Fund Goal	Investment Type	Investment Entity	Limited Partners
Closed Loop Infrastructure Fund	2015, 2020	Build circular economy infrastructure to collect, sort, process, and re-manufacture traditional recyclable materials, including paper, plastic, metal, and glass	Catalytic, project-based loans; Working Capital Facilities	Municipalities, private companies	13 multinational retailers, technology, and consumer goods companies; foundations
Closed Loop Beverage Fund	2019	Increase capture, reuse and/or recycling of PET bottles	Catalytic, project-based loans	Municipalities, private companies	One industry association
Closed Loop Circular Plastics Fund	2021	Increase the quality and quantity of recycled polypropylene and polyethylene plastic	Catalytic credit, opportunistic equity investments	Municipalities, private companies	Five global plastics and materials science companies
Closed Loop Local Recycling Fund	2022	Increase recycling in areas with no or limited access to recycling, unlocking a new supply of recycled PET	Catalytic, project-based loans	Municipalities, private companies	One multinational consumer goods company



A Massive Capital Shift From Linear to Circular

MARKET OPPORTUNITY

\$4.5 trillion opportunity by 2030 globally

Accenture Strategy, Waste to Wealth; Creating Advantage in a Circular Economy

The consumer packaged goods sector sends goods worth over \$2.6 trillion annually to the world's landfills and incineration plants

Ellen MacArthur Foundation, Towards the Circular Economy

FOUR MARKET FORCES DRIVING THE TRANSITION

Cost Savings

Reduces excess material and input costs, often less expensive to manufacture using recycled materials.

Regulation

Governments are passing regulation regarding the amount of recycled content required in products and packaging.

Stability

Access to large amounts of recycled commodities reduces reliance on volatile raw commodity markets.

Consumer Demand

Match brand values to consumer demand for sustainability.



Our Competitive Advantage

Network of Investors

The LPs in our funds include the world's largest retailers and consumer goods companies as well as family offices, foundations and institutions.

Industry Expertise

Management team comprised of industry CEOs, CFOs, fund managers and former heads of government agencies.

Track Record

Our firm has completed over 45 investments in the circular economy since 2015.

CLOSED LOOP INFRASTRUCTURE FUND LPS





























Our Investments Span Supply Chains and Sectors



Consume



Natural Machines

FASHION & BEAUTY

- Algalife
- For Davs
- Linhaus
- The Renewal Workshop
- Thrilling

CONSUMER GOODS & PACKAGING

- Algramo
- Loliware
- Preserve



Collect

® RECYCLING INFRASTRUCTURE

- Lakeshore Recycling Systems
- Marquette County, MI
- · City of Memphis, TN
- · City of Moline, IL
- Portage County, OH
- · Scott County, IA
- City of Waterbury, CT

SUPPLY CHAIN OPTIMIZATION

- CoLoadX
- Retrievr (formerly CurbMvClutter)
- Tradelanes



Process

RECYCLING INFRASTRUCTURE

- AMP Robotics
- · Balcones Resources
- Council Bluffs
- Emerald Coast Utility Authority
- · Emmet County, MI
- Eureka Recycling
- FirstStar Fiber
- GreenMantra
- ITR/Ecoglass
- · Momentum Recycling
- · City of Phoenix, AZ
- PureCycle Technologies
- QRS Recycling
- Revolution Systems

• Reterra FOOD & AGRICULTURE

- Atlas Organics
- HomeBiogas
 SUPPLY CHAIN
 OPTIMIZATION

Easy Aerial



Design & Manufacture

- © RECYCLING
 INFRASTRUCTURE
 - rPlanet Earth
- **® FOOD & AGRICULTURE**
 - Cambridge Crops
- ® FASHION & BEAUTY
 - Evrnu
- © CONSUMER GOODS & PACKAGING
 - AeroAggregates
 - CleanFiber
- IntegriCo
- TemperPack
- SUPPLY CHAIN OPTIMIZATION
 - Rebound Technologies



SECTORS



RECYCLING INFRASTRUCTURE



FOOD & AGRICULTURE



FASHION & BEAUTY



CONSUMER GOODS & PACKAGING



SUPPLY CHAIN OPTIMIZATION



Recycling is **local**, we must stop treating recyclables like waste trying to "hub and spoke" light weight material.



Recent industry paradigm shifts

In 1995 America had 192 microbreweries. By 2018 there were 4,518

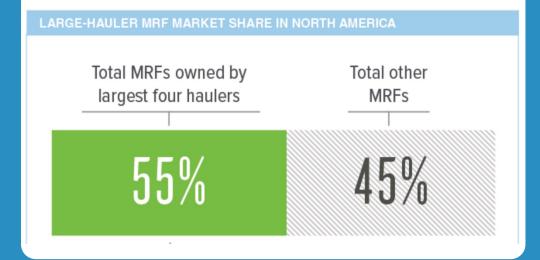
AND

it was unthinkable a microbrewery could challenge the top 3 brewers.



<u>Data Corner: The influence of hauling giants in</u> the MRF market

As reported by RRS in Resource Recycling on April 13, 2020



Today's Industry criteria for MRF construction:

- Minimum 6 8k tpm
- 60K 100K sq ft of warehouse
- \$15m \$25m in CapEx

These criteria hold true where there is a critical mass but what is the environmental impact for smaller volumes when we hub, spoke, and long haul?



Can we build a **localized MRF**, designed to empower communities and independent haulers?



Localized Modular MRF



Modular MRF System Specification

- 1. Each System \$2.5 3 Million no building or leasehold improvement.
- 2. Labor minimized with automation.
- **3.** Throughput 8-10 TPH
- 4. Commodities:

- OCC
- Mixed Paper
- PET

- HDPE Natural
- HDPE Pigmented
- MRP Mixed Rigid Plastic

- Tin cans
- AL
- Scrap Metal



Our goals in Localized Design Features

- Tailored Throughput
 Process 8,000 15,000 tons per year on a single shift.
- Simple Design
 Catering to what the municipality or hauler needs
- Material Agnostic
 Dual stream, single stream, commercial
- Compact Size
 The Localized MRF design can operate 20,000 sq. feet and is suitable for a range of site locations. Larger volumes require a greater footprint.











A progressive authority located in Cumberland County, NJ with a solid waste complex containing:

- Landfill
- Gas Recovery system with Energy Hub to generate electricity to an internal complex power grid.
- Leachate recovery system
- Natural Gas filling station
- Missing a recycling facility

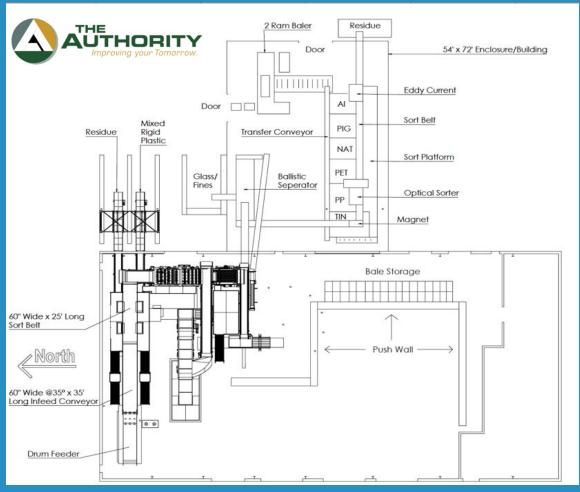


Breaking entrenched thought

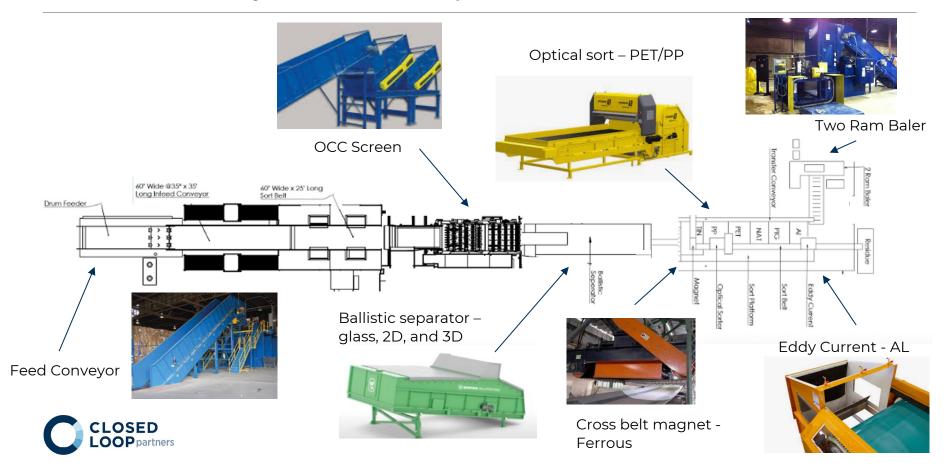
- 12,000 sq ft building (expanding 4k sq. ft.)
- 1,300 1,400 tpm processing
- Full scale small MRF presort, OCC screen, Fiber screen, QC stations and container sort.
- Adding ballistic separator
- Longer Commingle sort line
- Two Ram Baler
- Low CapEx

The new system will eliminate 1 million truck miles over the life of the 10-year contract





Base Modular System – with Optical Sorter for PET and PP



Closed Loop Infrastructure Group

Closed Loop Infrastructure Fund Closed Loop Beverage Fund Closed Loop Circular Plastics Fund Closed Loop Local Recycling Fund



Closed Loop Local Recycling Fund

INVESTMENT STRATEGY

Debt and/or equity investments to finance small, modular recycling sortation units (LMM- Localized Modular MRF) for U.S. communities that lack access to larger MRFs. The fund offers flexible and competitive financing, and access to Closed Loop Partners' broader ecosystem and operational expertise.

IMPACT OBJECTIVES

Increase recycling in areas with no or limited access to recycling

Empower communities to generate economic value through capture and resale of recycled commodities, avoided landfill expenses and job creation

Strengthen supply chains and end markets for recycled plastic (rPET)

Protect local environments by reducing waste and lowering landfilled material volumes

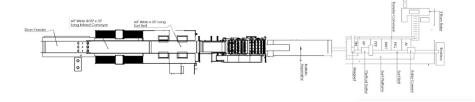
FUND SIZE

PARTNER

\$35M



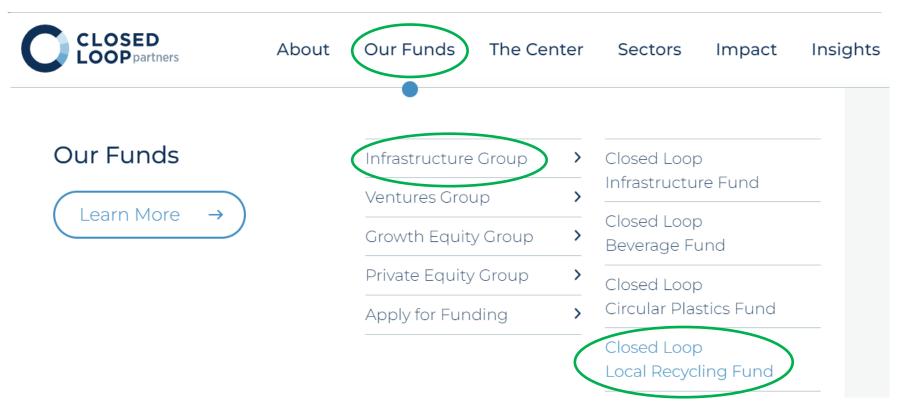
LOCALIZED MODULAR MRF



- Capacity to recycle approximately 8,000 tons per year of materials, including keeping 400 tons of rPET in circulation every year
- Expectation of higher quality bales from innovative sortation system
- Lower cost, modular infrastructure compared to large-scale MRFs



How Do I Apply





How Do I Apply

Interested in Learning More?

We provide debt funding to municipalities or private companies to build small-scale, modular material recovery facilities in the United States.





Next Step - Work With a Couple Cool Professionals!!



Robert Anderson 33+ years SW&R Industry Experience



SK 27+ years SW&R Industry Experience



The Roadie®



The Roadie®





- Mobile MRF with low capital investment
- Across America, there are applications where the Roadie® will be a gamechanging solution in recycling sortation.
- The Roadie® will process smaller volumes
- Positive sort resulting in cleaner quality bale yields.
- Drive operational efficiencies and minimize windshield time by bringing a processing solution to the material.



Roadie® Operation







Roadie® Operation









Roadie® Operation





- Audits for Recycling and Garbage receptacles
- 42% diversion of PET/Alum from seating area at NASCAR event.
- 77% diversion of PET/Alum when providing campers a blue bag at same event.
- .05-1 tons per hour
- Six sorters in sort area
- Picks per minute comparable to stationary mrf
- Variable speed drives



Where's the Roadie®



- Universities
- NASCAR
- MLB
- PET processing facility
- CFL
- NFL
- Horse racing
- Permanent sites
- Multiple sites within a state or county



Thank You

Stephen "SK" Klemann

Stephen@closedlooppartners.com

607-437-8820

