



Recycling as a Driver for Regional Economic Development

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RECYCLING IS DEAD.
NOW WHAT?

*The US Recycling System
Is Garbage*

U.S. Recycling Industry Is Struggling To Figure Out A Future Without

China
**Your Recycling Gets Recycled, Right?
Maybe, or Maybe Not ...**

Americans' plastic recycling is dumped in landfills

**As Costs Skyrocket, More U.S. Cities
Stop Recycling**

*Recycling isn't about the planet.
It's about profit*



RECYCLING IS DEAD.
NOW WHAT?

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U.S. Recycling Industry Is Struggling To Figure Out A Future Without

Your Recycling Costs The Same, Risk
Maybe, or Maybe Not ...

Fake News

Americans' plastic waste dumped in landfills

As Costs Skyrocket, More U.S. Cities
Stop Recycling

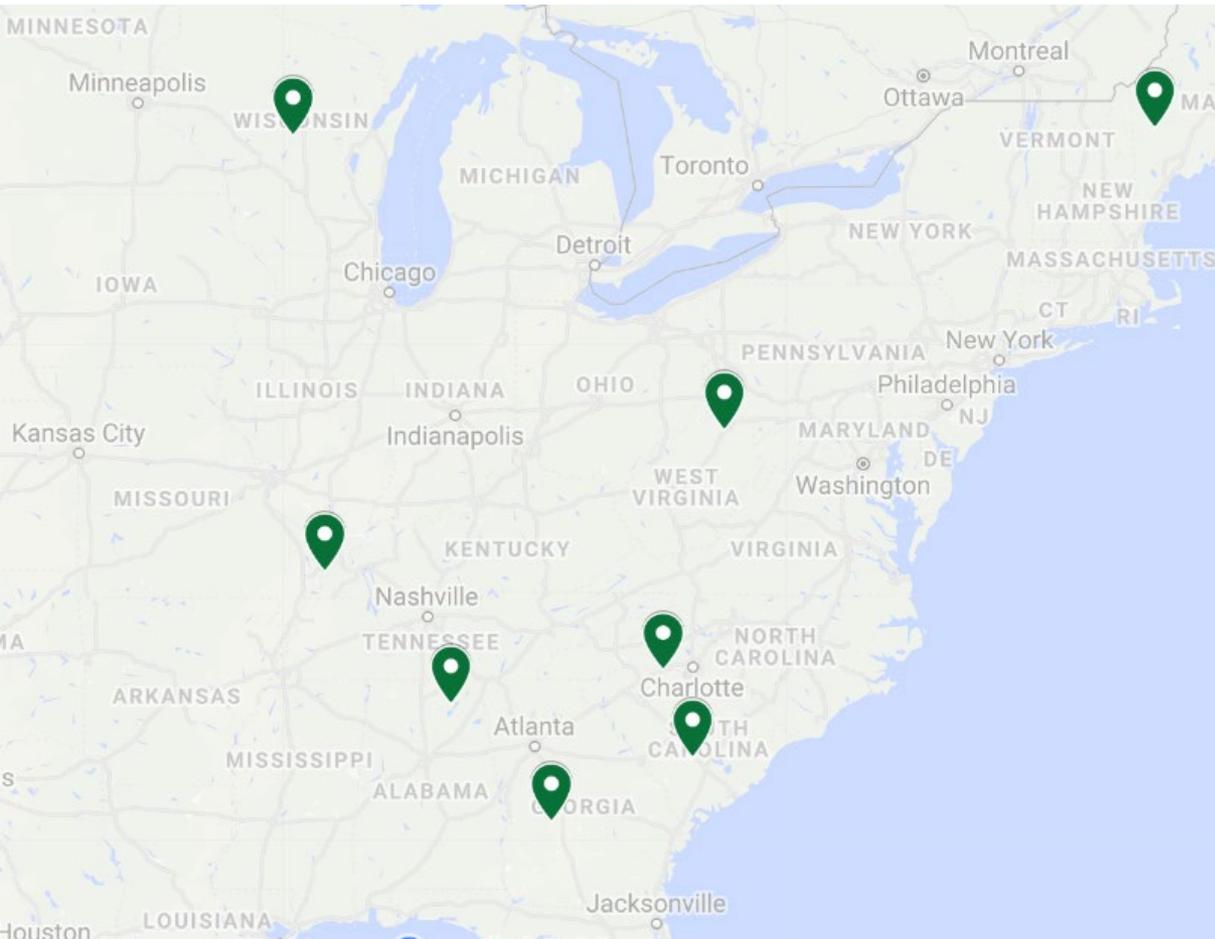
Recycling isn't about the planet.
It's about profit

Continuing Demand

Southeast

- 360
Manufacturers
- 98,000
Employees
- \$40,000,000,000
Annual Sales





Chinese Investments

Ecomelida: Orangeburg, S.C.

Green Tech Solution: Blacksburg, S.C.

Nine Dragons: Biron, Wis.

Nine Dragons: Fairmont, W.Va.

Nine Dragons: Rumford, Maine

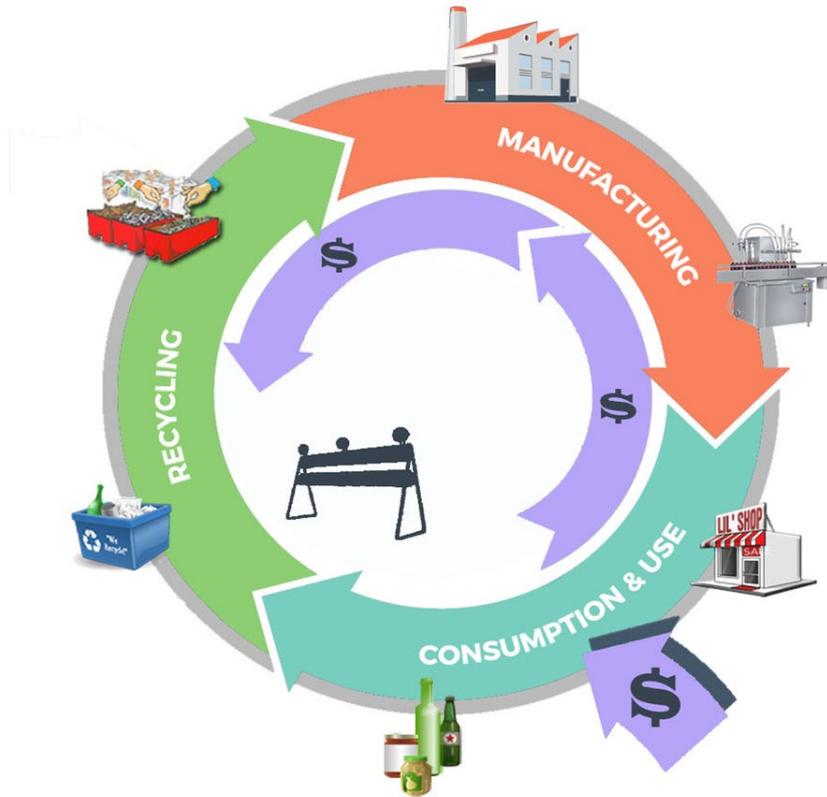
Roy Tech Environ: Grant, Ala.

Subsidiary of Shanying International:
Wickliffe, Ky.

Yunnan Xintongji Plastic Engineering:
Montezuma, Ga.



Recycling Material Flow



Recycling Value Chain

“That recycling is beneficial for the environment is probably an uncontested proposition. What is becoming increasingly more obvious is that **recycling contributes to the economic health of a state's economy.**”

Frank Hefner & Calvin Blackwell

Department of Economics and Finance
College of Charleston

The Economic Impact of the Recycling Industry in South Carolina



Alabama

Manufacturing

- 42 Factories
- 17,350 Jobs
- \$7,838,028,050 Annual Sales

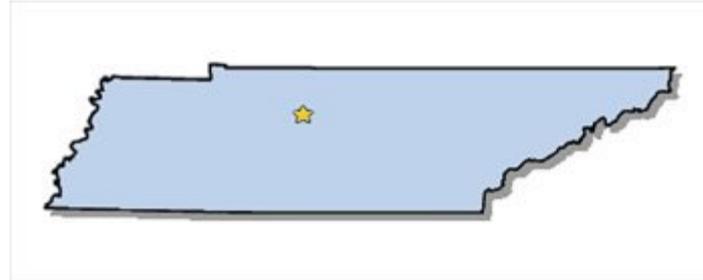
Collection and Processing

- 10,477 Jobs
- \$540,000,000 Impact

**Paid Tip Fees of \$31 to bury
\$85 of recyclable material.**



Tennessee



Manufacturing

- 40 Factories
- 7,730 Jobs
- \$4,412,814,900 Annual Sales

Collection and Processing

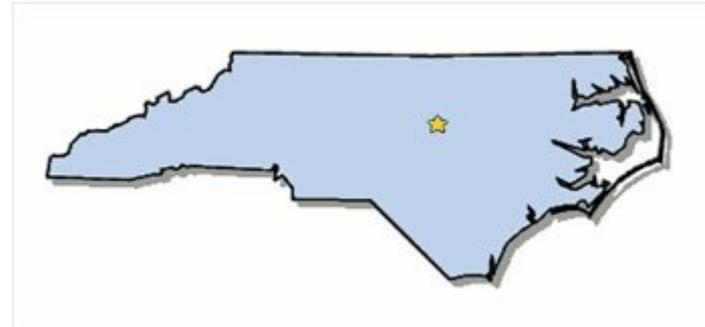
- 12,521 Jobs
- \$2,629,220,900 Economic Impact

**Paid Tip Fees of \$115 to bury
\$180 of recyclable material.**

North Carolina

Manufacturing

- 60 Factories
- 14,142 Jobs
- \$4,077,868,590 Annual Sales



Collection and Processing

- 15,909 Jobs
- \$3,135,614,600 Economic Impact

Market Development

- Measurement
 - What material demand exists
- Policy
 - Present recycling as an economic driver
- Efficiency
 - Hub and spoke
 - Reduce process costs

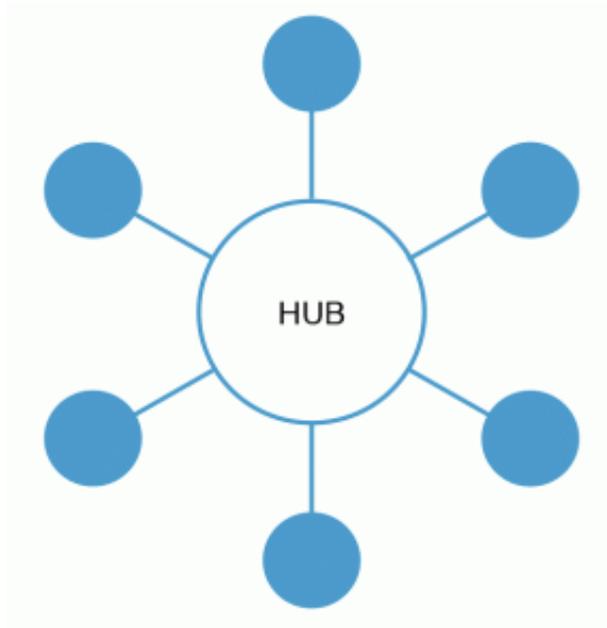
Why Measurement Matters



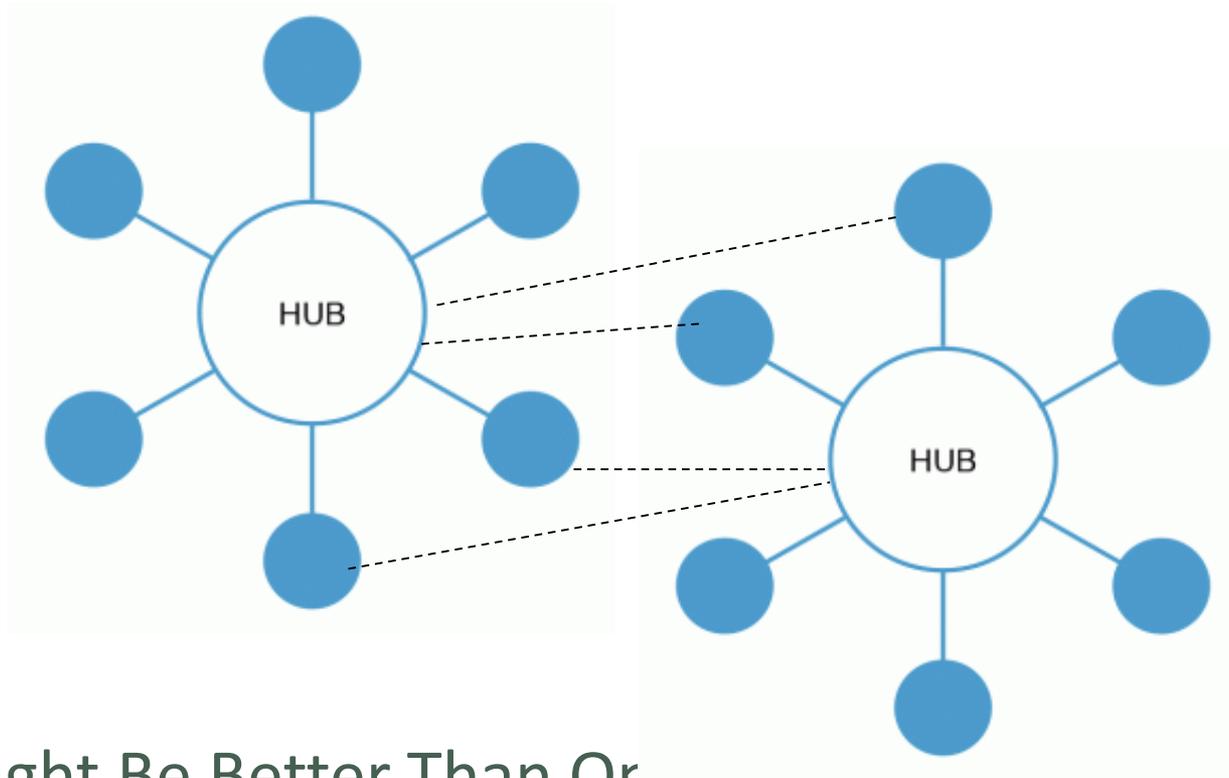
Policy

- Low interest loans
- Sales tax exemptions
- Property tax exemptions
- Disposal fee surcharges
- Disposal bans
 - NC: Plastic bottles and aluminum cans
- Engage economic development staff
- Hold Recycling Day in the Legislature

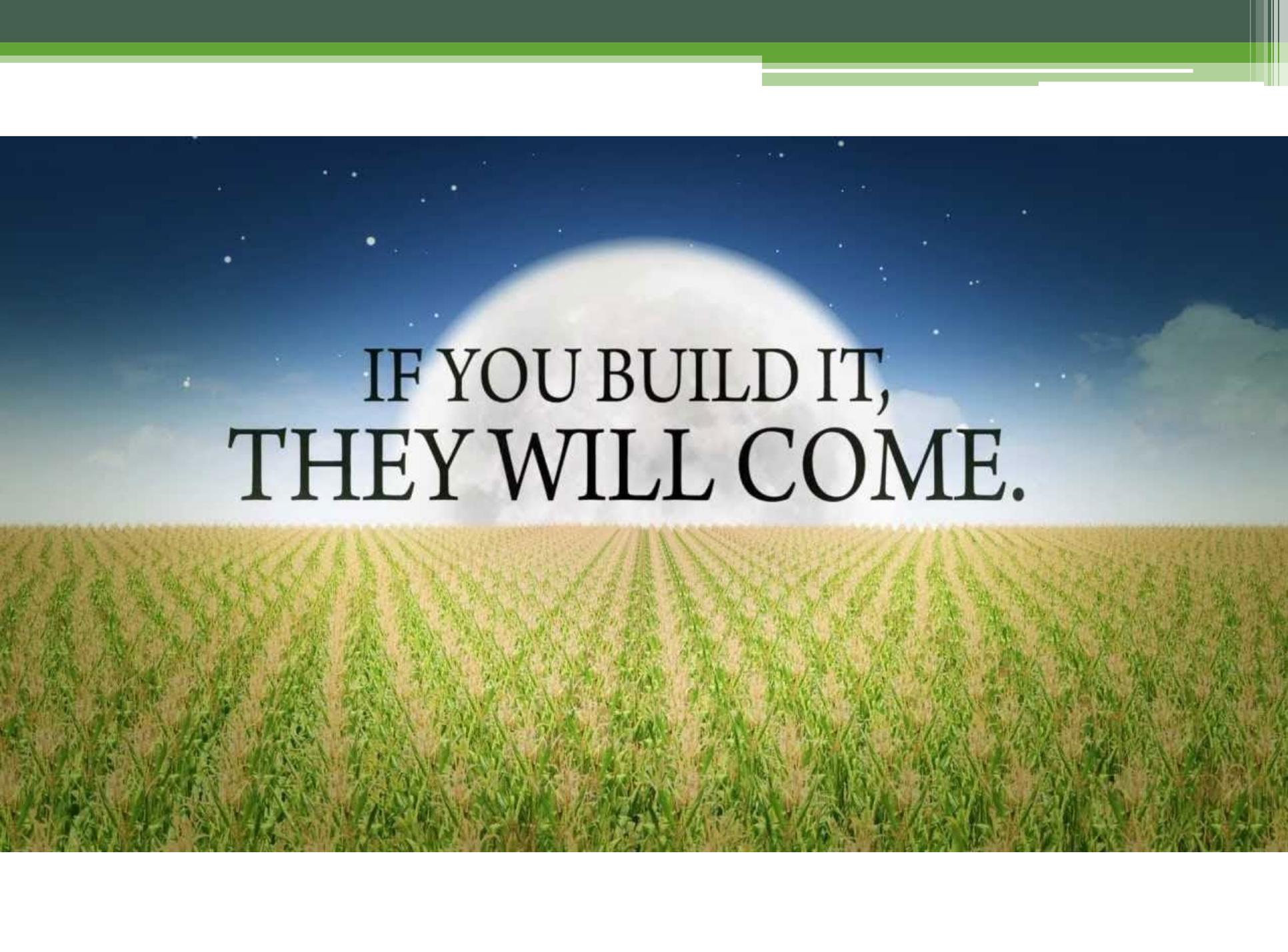
Efficiency



Hub and Spoke Processing



Two Might Be Better Than One

A wide-angle photograph of a cornfield at night. The rows of corn stretch far into the distance, illuminated by a bright full moon that is partially obscured by a thin layer of clouds. The sky is dark blue with several stars visible. The overall mood is serene and contemplative.

IF YOU BUILD IT,
THEY WILL COME.

Thank you

Will Sagar

Executive Director

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