

NACO Annual Conference - July 23, 2017

Do you have a resourceful County?

Marty Seaman

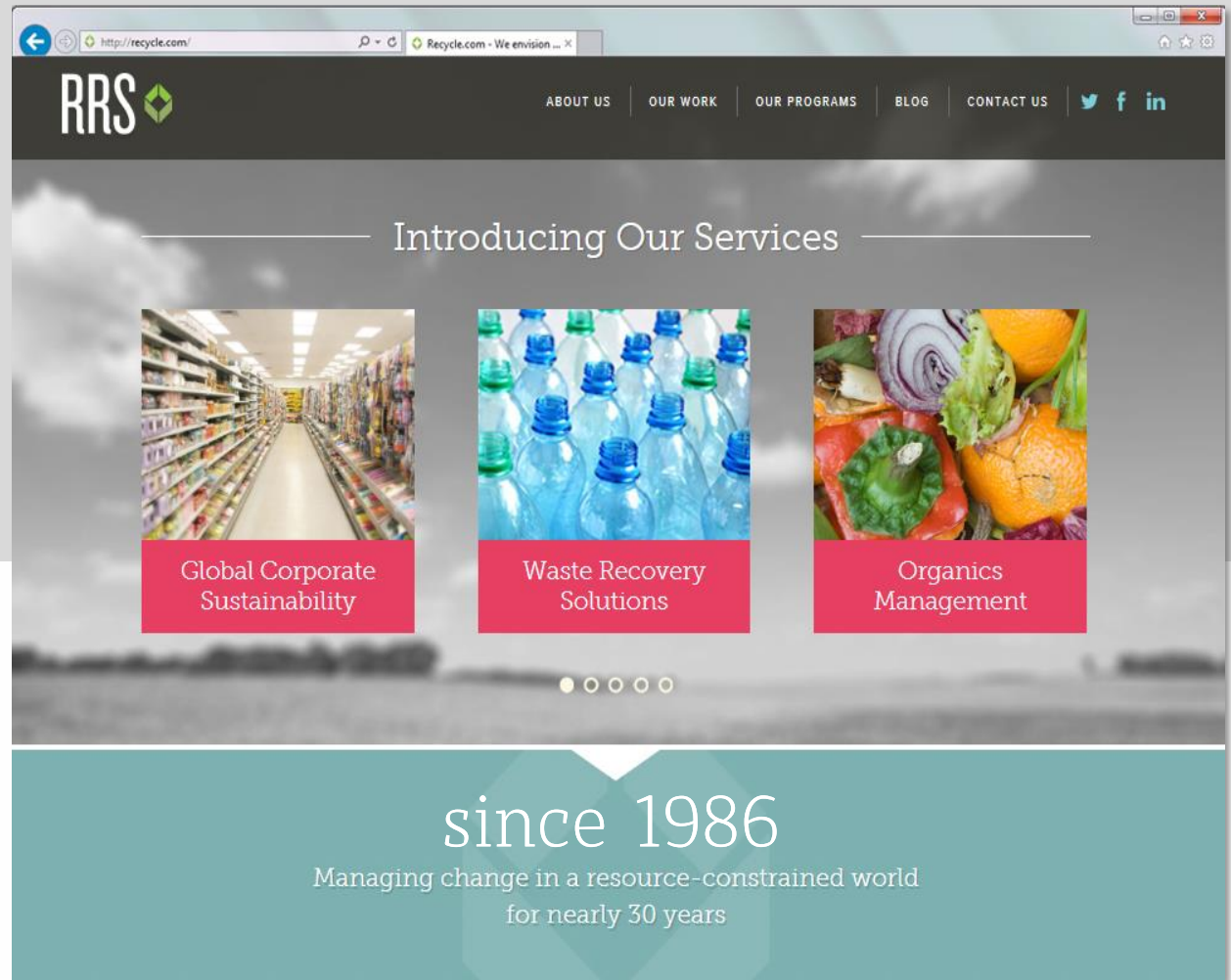
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Providing solutions to meet sustainability, resource management and waste recovery goals of clients and their supply chains



managing change in a resource-constrained world.

SERVICES



Solid Waste/
Recycling Planning



Communications
Planning & Outreach



Organics Feasibility
& Planning



RFP Facilitation &
Contract Evaluation



Waste Characterization



MRF & Equipment
Planning



Set-Out Rate Analysis



Route Planning



Modeling &
Proformas



**CARTON
COUNCIL**

recyclecartons.com

Food and Beverage Carton Recycling



The Carton Council

- A group of carton manufacturers united to deliver long-term collaborative solutions in order to **divert** valuable food and beverage **cartons** from **landfills**.



Associate Member



Our Goal

To establish **sustainable recycling** of food and beverage cartons

- ✓ INCREASE ACCESS
- ✓ INCREASE PARTICIPATION



Before We Start...

Introducing cartons

Made mainly from paper, a renewable resource, light weight and compact, cartons have a low carbon footprint and are recyclable.



CARTON RECYCLING VALUE CHAIN



Once the product is consumed, the carton is placed in a recycling bin or cart.

1
AT HOME



A collection truck takes the cartons, along with other recyclables, to a local recycling facility for sorting and baling.

2
COLLECTION



Cartons are sorted and separated from other materials. They are then baled for shipping to a carton recycler.

3
SORTING & BAILING



Brokers connect materials recovery facilities (MRFs) with carton recyclers.

4
MOVING CARTONS



At mills, the fiber is extracted and separated and the pulp that comes out is used to make paper products such as tissues, paper towels, printing and writing paper.

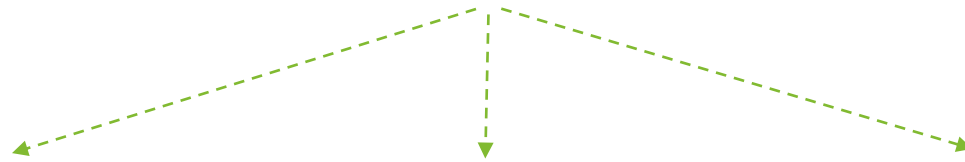
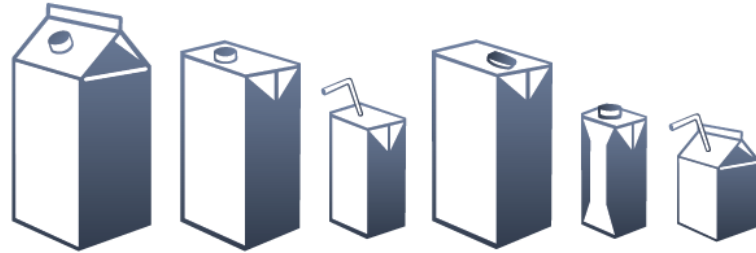
5
RECYCLING



At manufacturing companies, the whole carton is used to make high-quality green building materials, such as ceiling tiles, roof cover board and backer board.



A Variety of Uses for Recycled Cartons



**Fiber -
Pulp**



**Poly/Al Mix –
Pulp
Byproduct**



Whole Cartons



Tissue Products



Plastic Products



Building Products

The State of Carton Recycling

When we started in 2009



**1 CARTON
RECYCLER IN
NORTH
AMERICA**



**24 STATES
HAD CARTON
RECYCLING
ACCESS**

**20 MILLION U.S.
HOUSEHOLDS
COULD RECYCLE
CARTONS**



**18% OF HOUSEHOLDS
HAD ACCESS
TO CARTON RECYCLING**

Our Strategy to Grow Recycling Access

Work backwards from end markets

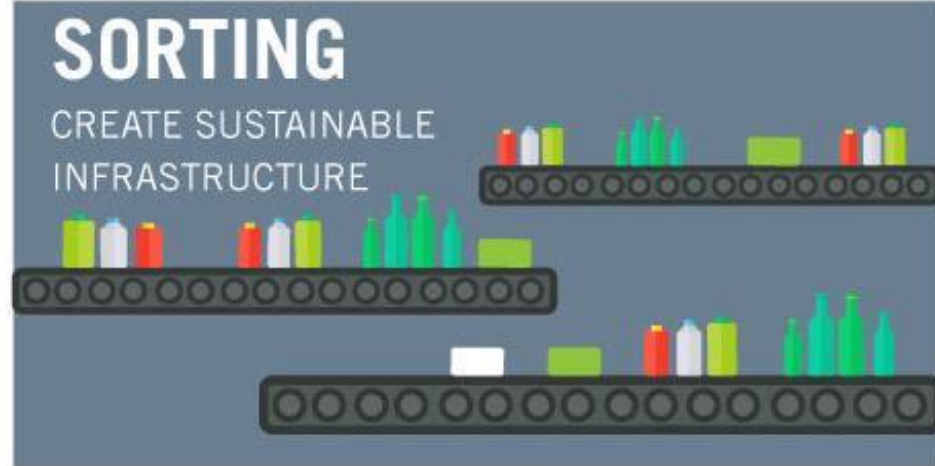
MARKET

BUILD SUSTAINABLE
MARKETS



SORTING

CREATE SUSTAINABLE
INFRASTRUCTURE



HOUSEHOLD

DEVELOP AWARENESS
AND PARTICIPATION

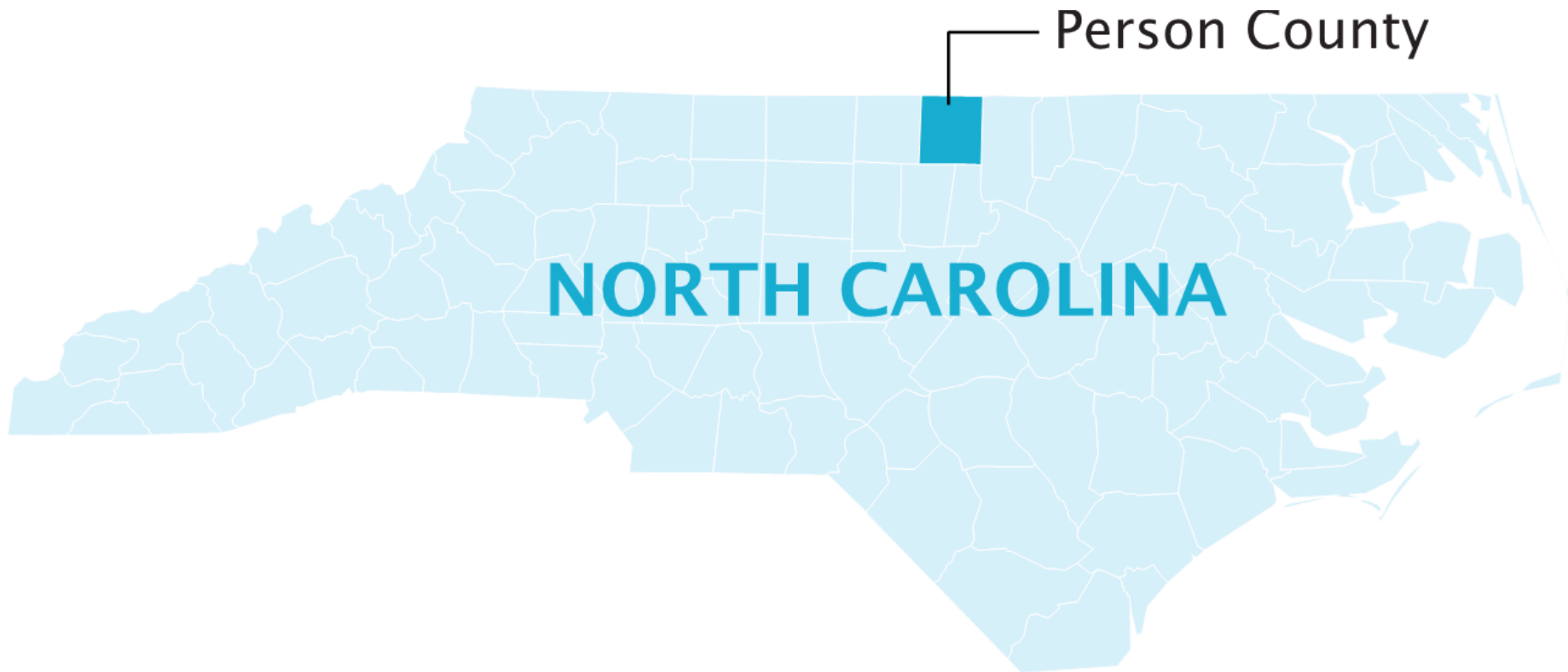


COLLECTION

INCREASE HOUSEHOLD
ACCESS



Person County, NC



Person County, NC



Commissioner, Ray Jeffers

Collection	Source separated from 2 convenience center drop-off sites. Accept delivery of SS curbside material from area haulers.
Sorting	County operated raised conveyor line with manual sort.
Markets	Market mill direct – truckload quantities of baled material OCC, PET, HDPE, mixed paper, Al, metal, glass Single-stream is baled and shipped to processor – 3 options each about 50 miles away.
Annual Tonnage (paper & packaging)	1,650
Population Served	39,132
# of HH	18,826
Lbs/HH (paper & packaging)	175

The Current State of Carton Recycling

60% HOUSEHOLD ACCESS



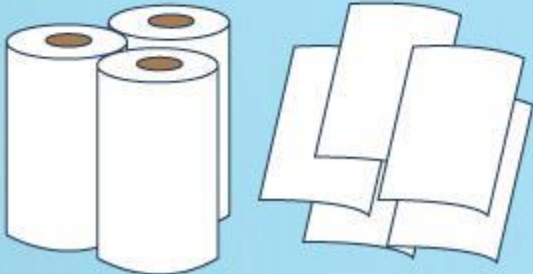
12,500 COMMUNITIES



49 STATES



STRONG CARTON RECYCLERS IN NORTH AMERICA



*As of January 2017

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THANK YOU!

