

Glass Packaging Institute

GPI

www.GPI.org

www.UpgradeToGlass.com

Glass... 100% and endlessly recyclable





Making Glass Recycling Work:

- Improve supply chain value
- Market accessibility and transparency
- Strategic partnerships
- Best practices

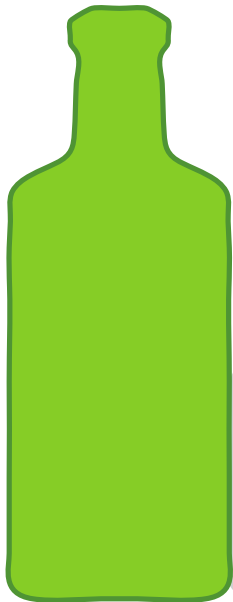
Why Recycle Glass Containers?

Energy and GHG
emissions reduced by
1/3 per ton
for every ton
of recycled glass used

100% and endlessly recyclable



can be substituted for up to
95% of raw materials



Georgia has a strong infrastructure



Economic value of glass recycling



=  x 18,000 JOBS

The glass industry is national with 46 glass plants and 59 recycled glass processors in 29 states

 1 TON RECYCLED = 8 JOBS

Improve Supply Chain Value and Accessibility

Location Type

- ☐  GPI Member Manufacturing Plant
- ☐  Recycled Glass Processing Facilities
- ☐  Fiberglass Manufacturing Facilities

Zipcode / Proximity

Postal code

Distance

Miles ▼

State

Show All ▼

SEARCH

RESET

www.GPI.org:

Connecting the dots to the glass recycling chain





91%

of consumers
say that recycling
is an important
part of conserving
natural resources

Americans want to recycle glass

90%

say that it is important to
recycle materials rather than
sending them to the landfill.

95%

of those who live in a
community which recycles
glass say glass should
continue to be collected
by recyclers.

91%

say finding ways to avoid
wasting our natural
resources is important.

Glass is
made from
natural resources



sand



soda ash



limestone

Glass is endlessly recyclable



Glass helps communities meet their recycling goals



Glass bottles and jars represent up to **25%** of the total weight of the recycling stream



It costs only less than .15¢ per person per pick up to recycle glass at the curb



ZERO
Waste recycling goals cannot be achieved without glass

90% of recycling processing plants (close to 1,000 total) accept glass

Industry improvements in action



Better sorting
& cleaning



Grants for
recycling facilities



Better
specifications



Connecting recyclers
to markets



- Consumer brands
- Glass manufacturing
- Waste hauling
- Recycling processors
- Trade organizations





GRC: Vision, Mission, & Values

Only Organization Representing the Whole Value Chain

Vision of the GRC: All glass is continuously recycled to the highest and best use, maximizing economic, environmental and social benefits.

Mission of GRC:

Collaborating throughout the supply chain to make glass recycling work, by supporting the most accessible and viable glass recovery and recycling options for consumers, encouraging financially sustainable mechanisms that produce quality cullet, and strengthening glass markets.



GRC: Mission, Vision & Values

Values of the GRC:

1. We believe in the power of collaboration to strengthen glass recycling.
2. We believe that it is our responsibility to act as leaders to support consumers' desire to recycle glass rather than send it to disposal facilities.
3. We believe that recycling collection and processing systems should protect the value and quality of glass.
4. We believe that recycled glass is a high value material in the circular economy.
5. We believe that recycling glass is the right thing to do to conserve our natural resources.

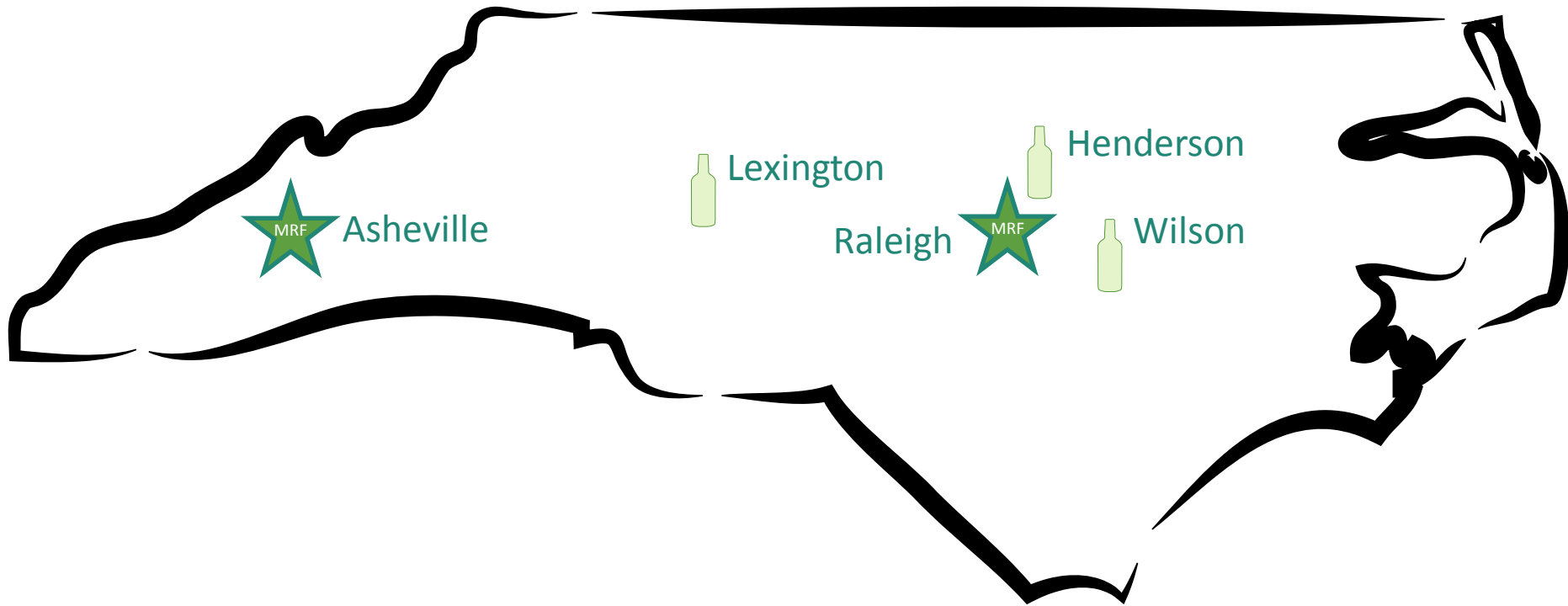




Work Plan 2016, into 2017

- Organizing almost done
- Decision-making tool for scale of glass recycling and other best practices
- Website and branding
- Building resource/Champion network
- On-going capabilities to play large role in local discussions through deployment of tools and champions, including clearinghouse, Champions, and identification of issues early on (heat map issues)

MRF Initiatives in North Carolina



- Two MRF grants for improving glass processing and handling (Asheville and Raleigh)
- 3 glass container plants in-state
- MRFs to report on glass recovery changes in one year