

NYS Glass Stakeholder Meeting

Albany, NY
August 29

NYC, NY
August 30

Rochester, NY
September 9

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NYS Pollution Prevention Institute

- HQ at RIT
- Established in 2008
- \$3.9M in annual NYS funding administered through the NYS Department of Environmental Conservation
- Focus areas include:
 - Sustainable Manufacturing Assessments
 - Supply Chain Sustainability
 - Technology Commercialization
 - Food Waste Diversion
 - Outreach & Education
 - Research & Development
 - Emerging Contaminants

Assistance for NYS Companies, Municipalities & Non-Profits

- **Must be NY-based**
- **Typical project cost range is \$15-\$50k**
- **NYSP2I funding offsets most of the project cost to the organization**
 - Expenses are non-capital expenses
 - RIT's engineering, technical and project management services
- **Post-project reporting**
- **Typical project takes about 2-6 months**



Introduction

■ Why glass?

Summer 2018
Recycling
Stakeholder
Meetings
DEC

Winter 2018
Glass Recycling
Challenges and
Solutions
DEC & P2I

Summer 2019
Glass Recycling
Solutions
DEC & P2I

■ Framework of stakeholder meetings

- Presentations
- Discussion (challenges & opportunities)
- Key stakeholder groups in attendance

Summary - Challenges

Supply / Demand

- Finding reliable & consistent outlets
- Fewer outlets- regional facilities have closed
- Potential users are hesitant

Quality

- High contamination rates & color mingling
- Residential confusion and lack of education

Cost

- Low value, expensive to process and transport
- Market variability
- Landfill disposal is cheap in many regions of NYS
- Glass wears down equipment, costly to maintain

Summary - Proposed Solutions

Solution	Detail	Activity
Education	<ul style="list-style-type: none">- Users of cullet- Consumers	<ul style="list-style-type: none">- Recycle Right Campaign- Glass-specific meetings around NYS
Funding / Investment	<ul style="list-style-type: none">- Innovation- Infrastructure- Education	<ul style="list-style-type: none">- SUNY Stony Brook, SUNY ESF, SUNY Buffalo, Alfred U- DEC Education Grants Program- DEC Municipal Recycling Grants– capital equipment- Recycling Partnership Recycling Cart Grant
Keep Materials Separate	<ul style="list-style-type: none">- Dual stream collection- Reuse programs	<ul style="list-style-type: none">- Dual stream<ul style="list-style-type: none">- NYC- Rockland County

Summary – Proposed Solutions

Solution	Detail	Activity
Co-locating	<ul style="list-style-type: none">- recyclers and manufacturers	<ul style="list-style-type: none">- DEC working with ESD for potential projects to enhance glass recycling projects in the state.
Legislation	<ul style="list-style-type: none">- Expand/ Re-think Bottle Bill- Require minimum level recycled content- Explore EPR legislation	

Meeting Summaries Available

- Rochester

<https://bit.ly/2MwnYnm>

- Long Island

<https://bit.ly/2U4L4m5>

- Albany

<https://bit.ly/2ZaQWjh>

Next Steps

- Questions
- Facilitated Group Discussion
 - Introductions (name, organization)
 - Discussion
 - What solution(s) do you think should be prioritized?
 - How would implementation of these solutions impact you and your industry?

Thank You

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Rensselaer

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