



American  
Forest & Paper  
Association

# Mixed Waste Processing “One-Bin” Programs

Brian Hawkinson, AF&PA  
SERDC Summit  
November 11, 2014



BETTER PRACTICES  
BETTER PLANET 2020  
Continuing AF&PA's Commitment to Sustainability







# *About AF&PA*

- Advances a sustainable pulp, paper, packaging and wood products manufacturing industry
- Fact-based public policy and marketplace advocacy

# Paper and Paper Packaging



# AF&PA's 2020 Sustainability Goals

- |                      |   |  |
|----------------------|---|--|
| 1. Paper Recovery    |  | Exceed 70%   |
| 2. Energy Efficiency |  | Increase purchased energy efficiency by at least 10% |
| 3. GHG Emissions     |  | Reduce intensity by at least 15%                     |
| 4. Forestry          |  | Increase certified fiber procurement                 |
| 5. Safety            |  | Reduce incidence rate by 25%                         |
| 6. Water             |  | Reduce use in mills by 12%                           |



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# “One-Bin Collection”



# Mixed-Waste MRFs

- Growing concern
  - 4 New facilities opened in 2014
    - Montgomery, AL      Metro Los Angeles (2)
    - Glendale, AZ
  - 2 Facilities planned/in process
    - Indianapolis      Houston
  - 5 new facilities under consideration
    - South Carolina (3)      Cleveland
    - Monterrey, CA

# Mixed-Waste MRFs

- Research
  - 5 currently operating mixed waste MRFs
- Processing Systems Vary
  - Sources: residential curbside; commercial; multi-family; combination
  - Collection: “one-bin”; “one-bin” with yard waste excluded; wet/dry
  - Input stream: all materials; post-recycling
  - Processing: MSW; MSW mixed with recyclables



# *Mixed-Waste MRFs*

- Key findings:
  - Quantity & quality concerns justified
  - Sometimes fail to separate fiber
  - Usually produce lower quality fiber
  - Recover lower percentage of fiber
  - System type & participation drive quantity recovered



# AF&PA: Promoting Increased Recovery

paper  
recycles



# *Mixed Waste MRFs*

- AF&PA
  - Recycling Policy
- Member Companies
- State Recycling Associations
- Industry Associations

# *Thank You*

Brian Hawkinson  
Executive Director, Recovered Fiber  
AF&PA  
202-463-2776  
brian\_hawkinson@afandpa.org