Summary of Fifth Annual CARE Report

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Presentation Agenda

- Key results
- Comparison with MOU goals
- Carpet recycling flow
- Carpet exports
- Face fiber types recycled
- CARE services provided & desired
- Q & A
Progress in Recycling and Diversion

- 232.1 Mlbs recycled; 252.9 Mlbs diverted
- Recycling increased 19% from 2005 and diversion increased 13%
- Some data derived from non-survey sources
MOU Goals

![Graph showing MOU Goals from 2002 to 2012, with categories for Reuse, Recycling, WTE, and Cement Kilns. The graph indicates an increasing trend over time.](Image)
Diversion Progress vs. MOU Goals

- Despite increasing levels of reported diversion, gap between goals and reported levels of diversion continues to grow.
- S-curve ramp-up may be more realistic than linear.
Potential for Growth in Diversion

- Based upon projections provided by 2/3 of companies providing data
- Projections were cut in half to be conservative
Breakdown of Diversion in 2006

- Vast majority of diversion due to recycling
- Cement kiln and waste-to-energy contributed smaller percentage than in past
Types of Companies Performing Recycling

CSPM 35%
CP 8%
C 15%
PM 7%
CSP 13%
M 11%
Other 2%

C=Collector, P=Processor, S=Sorter, M=Manufacturer
(Percentages reflect percent of total post-consumer diversion)

Largest contribution provided by companies performing all four functions
Destination of Post-Consumer Carpet

- Significant diversity in destinations
- Manufacturers played a bigger role than in 2005
Geographic Destination of Carpet Recycled

- Vast majority of material stays in US
- Exports to Europe and Asia lower than in 2005
Breakdown of Fiber Type Recycled

- Considerable diversity in face fiber types handled
- Nylon fibers are most prevalent

NOTE: N6=Nylon 6; N66=Nylon 66; PP=Polypropylene; PET=Polyethylene terephthalate
Type of Services CARE Has Provided and Should Provide in Future

- Presentations to Local Gov't
- Separation Research
- Processing Research
- Recyclers Meetings
- Regional Recycling Levels

Number of Companies Responding

Legend:
- Has Provided
- Should Provide
Key Features of Survey Methodology

- Survey approach utilizes web-based tool
- Narrowed focus of data-gathering
- Confidentiality assured to all participants
  - No data released regarding individual company results
- Incentive provided for response
  - $50 gift certificate for first 20 respondents
- Data gathered to try to minimize double-counting
  - Geographic region for source material
  - Types of facilities that material is sent to

![Source of Data for 2006 Results](chart.png)

- Low level of survey response prompted alternative data gathering
  - Verbal responses
  - Reliable second-hand sources
  - Utilization of 2005 data
Summary and Conclusions

- Modest increases in recycling and diversion
  - Reduced response rate may have affected results
- Significant increases expected by many recyclers
- Most material recycled staying in U.S.
- Significant diversity in fiber types handled
- Considerable awareness of CARE activities and desire for future activities
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Q & A