Overview of C&D Recycling Industry

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Executive Director, CDRA

CDRA
Construction & Demolition
Recycling Association
CDRA only association that promotes C&D recycling

Industry seriously under researched

Board authorized development of first ever look at economic impact and environmental benefits of C&D recycling

Commissioned Dr. Timothy Townsend at University of Florida to perform study

Performed research and also surveyed membership
Used material flow analysis method.
Includes building related, and road and bridge
CDRA estimate: 480 million tons in 2015
Approximately 100 million tons of mixed C&D, 310 million tons of bulk aggregate (primarily concrete), and 70 million tons of reclaimed asphalt pavement.
EPA used same method
520 million tons
Largest individual material stream
C&D Recycling Rates

- More than 70% recycled
- Most by weight, and a higher percentage than most any other sector
85% Concrete, 99% RAP
35% Mixed C&D
C&D Recycling’s Economic Impact

- Direct support for 19,000 jobs
- Facilities worth $4.5 billion
- Direct output (revenue) $7.4 billion
- Indirect and induced economic output of $17 billion
Environmental Benefits

- GHG emissions offset corresponded to taking 4.7 million passenger cars off the road for an entire year
- Energy savings of more than 85 million barrels of oil every year
- Reduced air pollution, road use
C&D Industry Issues

- Markets
- Zero Waste
- OSHA Silica Exposure Rule
- EPA’s Sustainable Material Management Program
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