

The logo features a central globe with a grid pattern, surrounded by three large, light green recycling arrows forming a circular path. To the right of the globe, there is a smaller, 3D-style recycling symbol with a green arrow and a grey arrow. The text 'CDRA' is prominently displayed in the center, overlaid on the globe and arrows.

CDRA

**Construction & Demolition
Recycling Association**



Overview of C&D Recycling Industry

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C&D Recycling White Paper

- 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



C&D Generation

- 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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