

# Waste Management: Company Overview

**THINK GREEN.®**



# WM's core strategic pillars

1

Know more about our customers and how to service them

2

Extract more value from the materials we handle

3

Innovate and optimize the business and our performance

# Leading provider of environmental solutions



# Recent Awards & Recognition

- ❖ **Ethisphere “World’s Most Ethical Companies”:** For the seventh year, WM was named one of the world’s most ethical companies by Ethisphere Institute, a research organization promoting corporate social responsibility and business ethics. WM was the only environmental service or waste management company named to the 2013 index.
- ❖ **Green Brands:** In 2012, Penn Schoen Berland and Landor Associates surveyed nearly 9,000 Americans to determine consumer perception of leading brands’ commitment to environmentally friendly practices. Of 251 companies included, WM has the second highest “green reputation” score, second only to Whole Foods.
- ❖ **Dow Jones Sustainability Indices for North America and the World (DJSI):** Launched in 1999, the DJSI recognizes the sustainability leaders in industrial sectors in North America and the world. Dow Jones-listed companies are rated on environmental performance, economic progress, socially responsibility, risk management, worker safety, governance and ethics. WM is the 2012 sector leader for “waste and disposal services” for both indices.

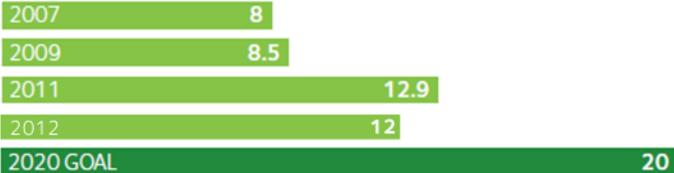
# Recent Awards & Recognition

- ❖ **Carbon Disclosure Project:** CDP represents 655 institutional investors with \$78 trillion in assets, and is charged with evaluating corporate performance in disclosing and making efforts to reduce greenhouse gas emissions. Grades are assigned based on the thoroughness of disclosure, incorporation of climate change considerations into business planning, and steps taken to reduce global greenhouse gas emissions. WM most recently was rated at the “B” level, which placed the company in the top 10% of industrial participants.
- ❖ **FTSE4Good Index:** Launched in 2001, the FTSE4Good Index Series benchmarks global business for socially responsible investment. Members are screened for environmental and human rights criteria. WM was listed in 2012.
- ❖ **Sustainable Investments Institute (SI2) and Investor Responsibility Research Center Institute (IRRCI):** This independent research institution, led by an advisory board of academics, NGOs and socially responsible investment groups, evaluated the public disclosure of each of the S&P 500 member companies for sustainability, environmental stewardship, disclosure and management of risks, governance, ethics and workforce management. SI2 determined that WM was number two, second only to AEP, in integrating sustainability into its financial planning and disclosure.

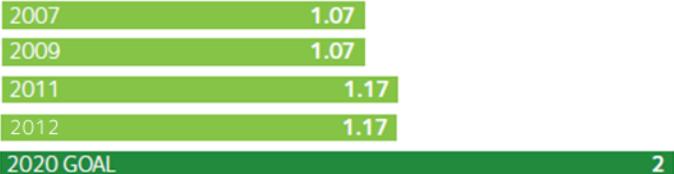
# 2020 Sustainability Goals & Progress to Date - 2011

## 2020 SUSTAINABILITY GOALS AND PROGRESS TO DATE, 2012

### TONS OF RECYCLABLES MANAGED (million tons)



### WASTE-BASED ENERGY PRODUCTION (million households)



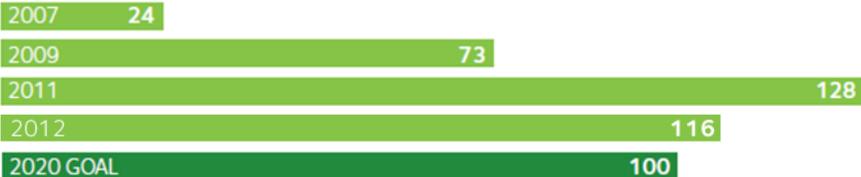
### FLEET EMISSIONS (percent reduction in CO<sub>2</sub> equivalent (CO<sub>2</sub>e) emissions)

2007 emissions: 2.14M tons CO<sub>2</sub>e



2012: 500 Alternative Fuel Trucks added

### NUMBER OF WILDLIFE HABITAT SITES



# Single-Stream Recycling

## Winston Salem, North Carolina

- ❖ Single-stream recycling greatly increases participation, resulting in an average of 50 percent more recyclable materials
- ❖ Help lower costs and emissions by reducing transportation while capturing new volume
- ❖ Employs advanced recycling technology including magnets, screens and optical scanners to automate the sorting of recyclables
- ❖ Winston Salem facility is 80,000 square feet with dual sorting lines
- ❖ This facility processed over 32,300 tons last year



# Renewable Energy Production

## RENEWABLE ELECTRICITY PRODUCTION IN 2011 BY ENERGY SOURCE

net generation (megawatt hours)<sup>9</sup>



Source: [www.eia.gov/cneaf/electricity/page/eia906\\_920.html](http://www.eia.gov/cneaf/electricity/page/eia906_920.html)



- Our 16 Waste-to-energy plants produce enough energy for 853,000 homes
- Our 137 landfill gas-to-energy plants generate enough renewable energy to power nearly 500,000 homes

**WM energy projects create enough energy to power more than 1.1 million homes, displacing the need for 21 million barrels of oil each year**

# BMW/Palmetto Landfill

## Spartanburg, South Carolina

- ❖ 2003 Partnership: BMW, Waste Management, and Ameresco
- ❖ Nine (9) mile pipeline from the Palmetto LF to BMW
- ❖ Generates approximately 11.2 megawatts of green energy
- ❖ Equivalent to removing almost 61,000 automobiles from SC highways every year
- ❖ Enough electricity to power almost 6,500 homes a year
- ❖ Provides about 65% of energy needs of the BMW manufacturing company



# WM's Natural Gas Fleet:

- ❖ WM will replace 80% of its new class 8 vehicles with natural gas trucks
- ❖ We will build 25 natural gas fueling stations each year and we are investing in public fueling stations at most sites
- ❖ Presently we have over 2,500 Natural Gas Vehicles and 51 fueling stations in North America
- ❖ Opening a new CNG facility at WM Gastonia Hauling Company in summer 2014 - Facility will allow for 3<sup>rd</sup> Party fueling



# Wildlife Habitat Sites

## South Atlantic Area

- ❖ WM has converted over 28,000 acres of landfill space to protect wildlife through the Wildlife Habitat Council
- ❖ WM has certified 116 landfills as Wildlife Habitat sites
- ❖ Hickory Hill Landfill - Jasper County, SC
  - *1st landfill in SC to receive the Wildlife Habitat Council certification*
- ❖ Pine Bluff Landfill - Ball Ground, Georgia
  - Site is certified for Wildlife at Work
- ❖ Superior Landfill - Savannah, Georgia
  - *Site is currently being certified for Lands Learning & Wildlife at work*



# Bagster

- ❖ Bagster bags are “Dumpsters in a Bag.” They are 3-yard polypropylene collection bags used as an alternative to traditional, metal bins that must be delivered to customers
- ❖ Sold in over 2,500 hardware stores across North America, including Home Depot, and Lowes
- ❖ Customers fill the bag and then schedule a pickup



**BUY.** your Bagster bag at the local home improvement center and use it at your convenience.

**FILL.** with up to 3,300 lbs. of construction debris, household junk, or yard waste.\*

**GONE.**® Schedule your collection online or call Waste Management's Bagster Customer Care.



# Waste Management Phoenix Open

## Greenest Show on Earth

- ❖ Title sponsor of the largest-attended PGA TOUR® golf tournament in the US
- ❖ 100% diversion at the 2013 WMPO
  - *All materials recycled or composted*
  - *No trash cans on course*
- ❖ Certified by the Council for Responsible Sport, first golf tournament to achieve certification
- ❖ 2013 WMPO won four PGA TOUR awards out of nine, including: Most Engaged Community, Best Title Sponsor Integration, Best Promotional Idea and Best Special Event

