



we live here too 2010 sustainability report





we must protect and preserve the resources we all share



# Environmental protection is always front and center for us because... we live here too.

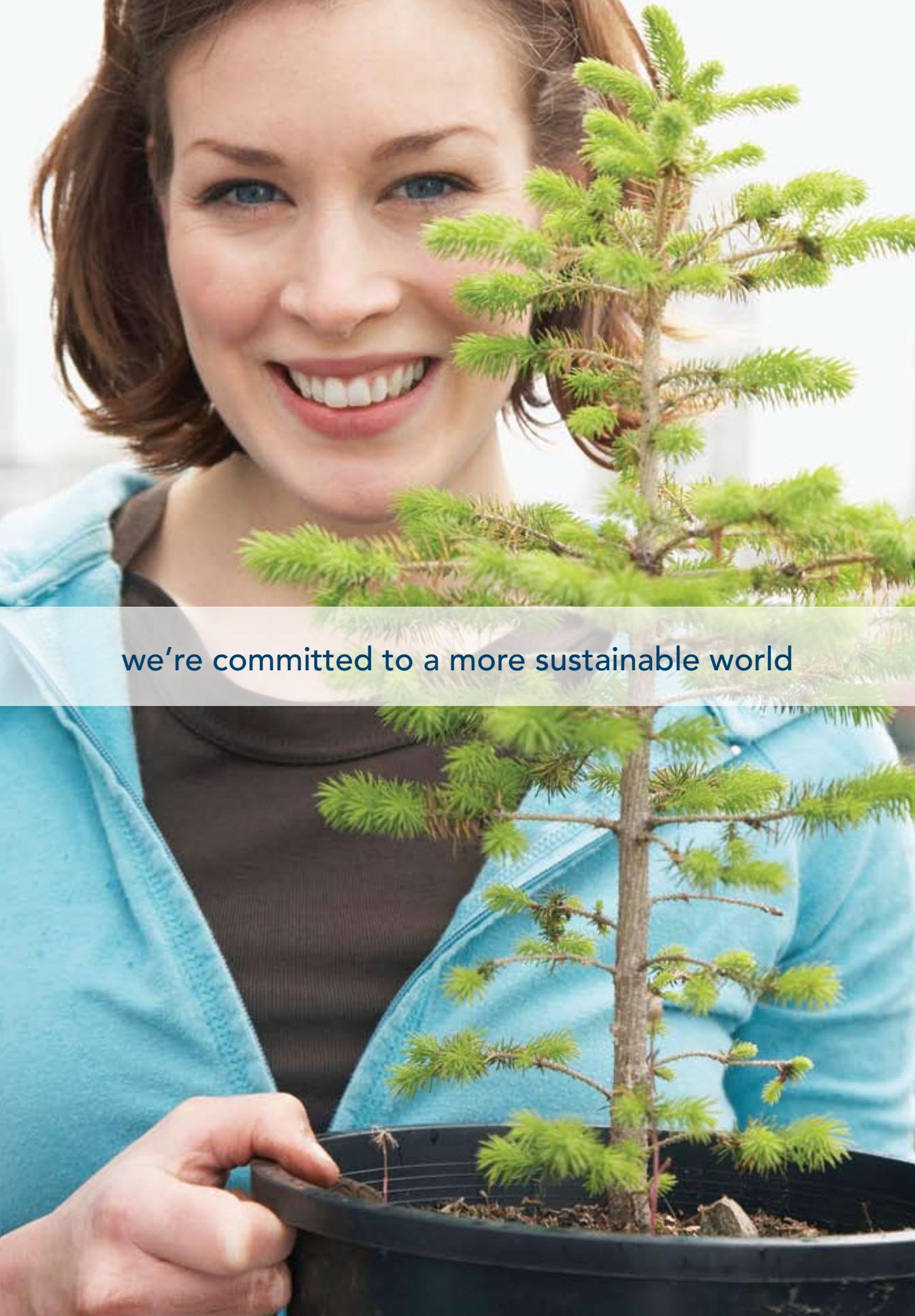
1

The earth is our home. The resources available to us are ones that we share and we must protect them accordingly.

Whether it's the land uses of our operations or the fuel, energy or other resources we rely on to serve our customers and manage society's wastes, we are keenly aware that the decisions we make have an impact on the environment. We work hard to ensure that the impact is a positive one.

Trucks need fuel, recycling centers need electricity, and landfills must be carefully monitored and managed to protect air, land and water. While these are necessary and regulated business actions, it is also the right thing to do. It makes business sense as well as common sense because we live here too.

In every community that we serve, we have employees who live, work and play in that community. They breathe the same air, drink the same water and their kids play in the same neighborhood parks. We take good care because we live here too.



we're committed to a more sustainable world



A year ago, we pledged to do a number of things to further our commitment to sustainability. This included establishing a Sustainability Team, incorporating our environmental principles into our planning process, reducing our consumption of natural resources, and increasing renewable energy produced and used by our business. We're pleased to have done these things and many more.

Day in and day out, as we serve our customers, we aim to minimize any impact on the environment. We do this by ensuring that our operations and activities are undertaken in a manner consistent with best environmental practices, and by continuing to develop new and better ways to manage our customers' waste materials while protecting the environment.

Our Sustainability Team includes innovators from across the various Company departments; they are leading the way for all of us. The team's charter is to enhance the organization's environmental responsibility by providing solutions for our Company, our customers and the communities we serve while growing our business.

This past year was an exciting one for us, with a number of environmental initiatives at play. We co-organized the inaugural Residential Recycling Conference which brought more than 500 attendees together with experts on residential recycling collection and processing and the sale of recycled commodities. We also continued to invest in more fuel efficient and cleaner burning engines in our collection vehicles. In fact, we doubled the number of natural gas vehicles that we have on the road. We are proud that a number of our projects have been recognized with sustainability awards locally as well as at the state and national levels, including three of our landfill gas-to-energy projects which were named Project of the Year by the U.S. EPA Landfill Methane Outreach Program.

We remain committed to providing industry-leading solid waste and environmental services to our customers and look forward to additional partnerships with our vendors, customers and the communities we serve to advance sustainability efforts nationwide.

James E. O'Connor  
Chairman of the Board & Chief Executive Officer

Donald W. Slager  
President & Chief Operating Officer

When all is said and done, the positive environmental impact that Republic Services makes comes not just from our own initiatives, but through the services we provide to our customers.

Taking out the trash is not as straightforward as it once was. More and more, our customers are seeking ways to minimize their own environmental impact, and our field representatives are working with them to identify and implement the materials management program that best meets their needs. We have a growing number of specialists who are LEED® certified, meaning that they have been trained to meet the high standards of the U.S. Green Building Council's Leadership in Energy and Environmental Design program. They are uniquely qualified to offer customers assistance in waste stream reduction, recycling and energy conservation.

Forty years ago, when we celebrated the first Earth Day, just about everything that people put at the curb ended up in a landfill. Anything "left over" from a home, business or manufacturing facility was considered waste and was almost always burned or buried. Recycling was not yet a core business offered by traditional waste services companies.

Today, we look at the waste stream in different ways. We have all become more mindful of what we throw "away" and we take care to reduce what we toss, reuse what we can and recycle everything for which we have found a market.

**Our customers are seeking ways to minimize their own environmental impact, and our field representatives are working with them to identify and implement the materials management program that best meets their needs.**

Garbage is not what it used to be. Now the same material is collected, transported, processed and managed differently. Many materials that, in the past, would have been disposed of can actually be recycled into new products. They may need to be separated at the source, are often collected separately, and they must be taken to various facilities for preparation for end-market use. In short, there are a lot of infrastructure changes that go with better management of the waste stream. It's really the last link in the environmental supply chain.

We are proud to offer a variety of recycling services throughout the country. For some of our largest customers, including those with many locations or facilities that generate a great volume of material, strategic and targeted waste audits are likely the best way to identify the most sustainable and cost-effective solutions. We actually go "upstream" to see what can be done to keep materials out of the waste stream. If waste can't be eliminated, we identify alternatives to separate materials to make them more easily recyclable or marketable.

These audits can look at everything from the composition of the waste stream to the distance to recycling facilities to determine the steps that will ultimately result in the lowest environmental impact and the highest level of environmental protection. We factor in that every trip we make and every mile of road we cover has an environmental impact of its own. All of these factors and more are important when we weigh a waste stream's overall environmental impact.

WE HELPED THE HOME DEPOT DIVERT MORE THAN 160,000 TONS FROM THEIR WASTE STREAM FROM APRIL 2009 TO APRIL 2010. THIS IS EQUAL TO 22 PERCENT BY WEIGHT.

## In 2009, Republic Services recycled 3.3 million tons of material.

5

That's more than 200 pounds per second. By the time you read this sentence, that's another 1,000 pounds recycled.

Here are some of the environmental benefits of recycling that material:\*

> **Reduction in greenhouse gas emissions of 9.2 million metric tons of carbon dioxide equivalent (MTCO2E)**

This is equivalent to:

- Removing 1.7 million passenger cars from roadways each year
- Conserving 1 billion gallons of gasoline
- Conserving 3.8 billion cylinders of propane used for home barbecues
- Conserving 48,037 railway cars of coal

> **The total change in energy use is equivalent to:**

- Conserving 511,984 households' annual energy consumption
- Conserving 9,468,086 barrels of oil
- Conserving 441.8 million gallons of gasoline

\*Based on the U.S. EPA Waste Reduction Model (WARM). For explanation of methodology, see the EPA report: Solid Waste Management and Greenhouse Gases: A Life-Cycle Assessment of Emissions and Sinks (EPA530-R-06-004) available at [http://epa.gov/climatechange/wycd/waste/downloads/full\\_report.pdf](http://epa.gov/climatechange/wycd/waste/downloads/full_report.pdf).



this year we doubled our natural gas fleet

# MAPPING OUT SUSTAINABILITY

## CORVALLIS, OREGON

Our Pacific Region Compost Facility in Corvallis, Ore. makes available the first public food composting facility in the state. In addition to previously accepted yard and wood waste, the facility now also accepts all types of food waste (meat, bread, fruit and vegetables) and processes the material to create a rich soil amendment.

## PHOENIX, ARIZONA

At our corporate office in Phoenix, Ariz., initiatives like energy efficient lighting, low-flow and motion-activated faucets and on-site recycling helped get us UPonGREEN certified. We also serve on the board of directors of Arizona Clean & Beautiful and Keep Phoenix Beautiful, affiliates of Keep America Beautiful that are working to promote recycling and prevent and reduce litter.

## HALF MOON BAY, CALIFORNIA

Republic's Ox Mountain Landfill gas-to-energy project in Half Moon Bay, Calif. was recognized by the U.S. EPA Landfill Methane Outreach Program as a Project of the Year. Landfill gas from Ox Mountain supplies enough renewable energy to customers in Alameda and Palo Alto to reduce emissions equivalent to taking 11,800 cars off the road.

## CONTRA COSTA COUNTY, CALIFORNIA

In partnership with the Central Contra Costa Solid Waste Authority and the East Bay Municipal Utilities District (EBMUD), our hauling division in Contra Costa County, Calif. implemented a food waste diversion program that targets commercial generators including schools, grocery stores and restaurants. This material represents a significant portion of the waste stream and Republic is working to develop programs that put the material to good use. EBMUD's facility in Oakland is using excess digester capacity to mix food waste with sludge. The methane gas produced through the decomposition process is a renewable resource that is used to fuel an existing 6-megawatt power plant. The 20 tons of material processed per day help generate enough power to meet the needs of more than 250 homes.

## BOISE, IDAHO

Republic's division in Boise, Idaho built the state's first public compressed natural gas fueling station. The station is also home base for a new fleet of 36 compressed natural gas waste and recycling collection trucks. These are part of our fleet of more than 1,000 alternate fuel vehicles nationwide.

## SAN JOSE, CALIFORNIA

At our Newby Island facilities in San Jose, Calif., we process traditional recyclables like cardboard, paper, metal, glass and plastic as well as some less traditional materials that are being diverted from the waste stream. A dedicated processing facility is able to divert approximately 90 percent of construction and demolition material from the landfill. Materials like concrete, asphalt, drywall, wood and scrap metals are all mined out for reuse. Yard waste, wood and food waste processed at another part of the site are used in either our certified organic compost, soil amendments or as mulch. Landfill gas is converted to electricity—enough to power more than 3,000 homes. Even some of the drainage channels are "green," as natural bioswales with wetland plant species replaced concrete water channels.

## MINNEAPOLIS-ST. PAUL, MINNESOTA

Our Twin Cities division is certified by UPonGREEN, an independent organization that provides a universal way for companies, organizations and individuals to publicly communicate what they are doing environmentally.

## JEFFERSON CITY, MISSOURI

Republic's Jefferson City Landfill in Missouri was named a Project of the Year by the U.S. EPA Landfill Methane Outreach Program. Natural landfill gas now provides enough renewable energy to meet the needs of nearly 2,000 average-sized homes. The use of this green energy resource reduces emissions equivalent to planting 31,000 acres of fir or pine trees. Additionally, the waste heat generated from the engines used to generate electricity is captured to provide steam and hot water for two state-owned correctional centers.

## WINDER, GEORGIA

Republic's Oak Grove Landfill gas-to-energy project in Winder, Ga. was recognized by the U.S. EPA Landfill Methane Outreach Program as a Project of the Year. The landfill supplies enough renewable energy to heat 10,500 homes. The use of this renewable resource results in 44,500 fewer tons of carbon dioxide released into the atmosphere each year.

## SAN ANTONIO, TEXAS and ATLANTA, GEORGIA

At the Tessman Road Landfill in San Antonio, Republic combined a first-of-its-kind solar technology with an existing gas-to-energy system to turn the facility into a sustainable energy park. The combined systems generate about 9 megawatts of power—enough to power 5,500 area homes. Our next solar landfill will be Hickory Ridge Landfill near Atlanta. The project is the recipient of a \$2 million grant thanks to the American Recovery and Reinvestment Act.

## HUTCHINS, TEXAS

In Hutchins, Texas, the Company donated 20 acres of restored wetland habitat to serve as the home of Rogers Wildlife Rehabilitation Center to help injured, sick or orphaned birds return to their natural environment. It is the largest all species avian rehabilitation center of its kind in North Texas and it includes a critical care clinic, exhibits, a museum and classroom. At any given time you will find more than 600 birds, of various species, residing at the wildlife center.

## SOUTH BARRINGTON, ILLINOIS AND ARNOLD, MISSOURI

We have found that nature is often the best solution provider. In both South Barrington, Ill. and Arnold, Mo., we are using trees and their complex microbiological processes to naturally filter water that we pump from our landfills. Phytoremediation, as the process is known, is a green technology that harnesses the ability of specific trees and plants to mitigate a range of environmental problems. The plants also play other roles at the facilities, including providing natural habitat for wildlife. The project was nationally recognized by the American Council of Engineering Companies with the National Honor Award for Engineering Excellence.

## CHICAGO, ILLINOIS

Our Chicago, Ill. division was the recipient of the Governor's Award for Sustainability for efforts to help project construction owners meet their sustainability goals through recycling of construction and demolition (C&D) debris. The award, given by the Illinois Sustainable Technology Center, recognized the company for its work to process up to 1,500 tons of C&D debris daily in order to separate usable materials for reuse. Employing both automated technology and manual sorting, the facility processes C&D loads generated from various sources including new construction, building renovations and demolition, roads, and bridges. Materials are reused and recycled in end markets such as biofuel, wood pellets, landscaping mulch, asphalt, new concrete and recycled cardboard products.

## ELYRIA, OHIO

In Elyria, Ohio and dozens of other communities nationwide, hundreds of thousands of our customers are able to be rewarded for recycling. Through a national partnership with RecycleBank, our participating customers are able to earn points that can be redeemed for discounts, full-value gift cards or charitable contributions at hundreds of participating local and national merchants and nonprofits. By year-end, more than 300,000 of our customers will have the opportunity to earn recycling rewards.

## BOSTON, MASSACHUSETTS

Established by the U.S. Green Building Council, Leadership in Energy and Environmental Design (LEED) provides a concise framework for identifying and implementing practical and measurable green building design, construction, operations and maintenance solutions. LEED's philosophy and programs are an integral part of Republic's approach to saving energy and materials, recycling and protecting our environment. Our LEED-certified consultants in Boston and other markets nationwide specialize in sustainability and managing the LEED process for building projects of all types and sizes.

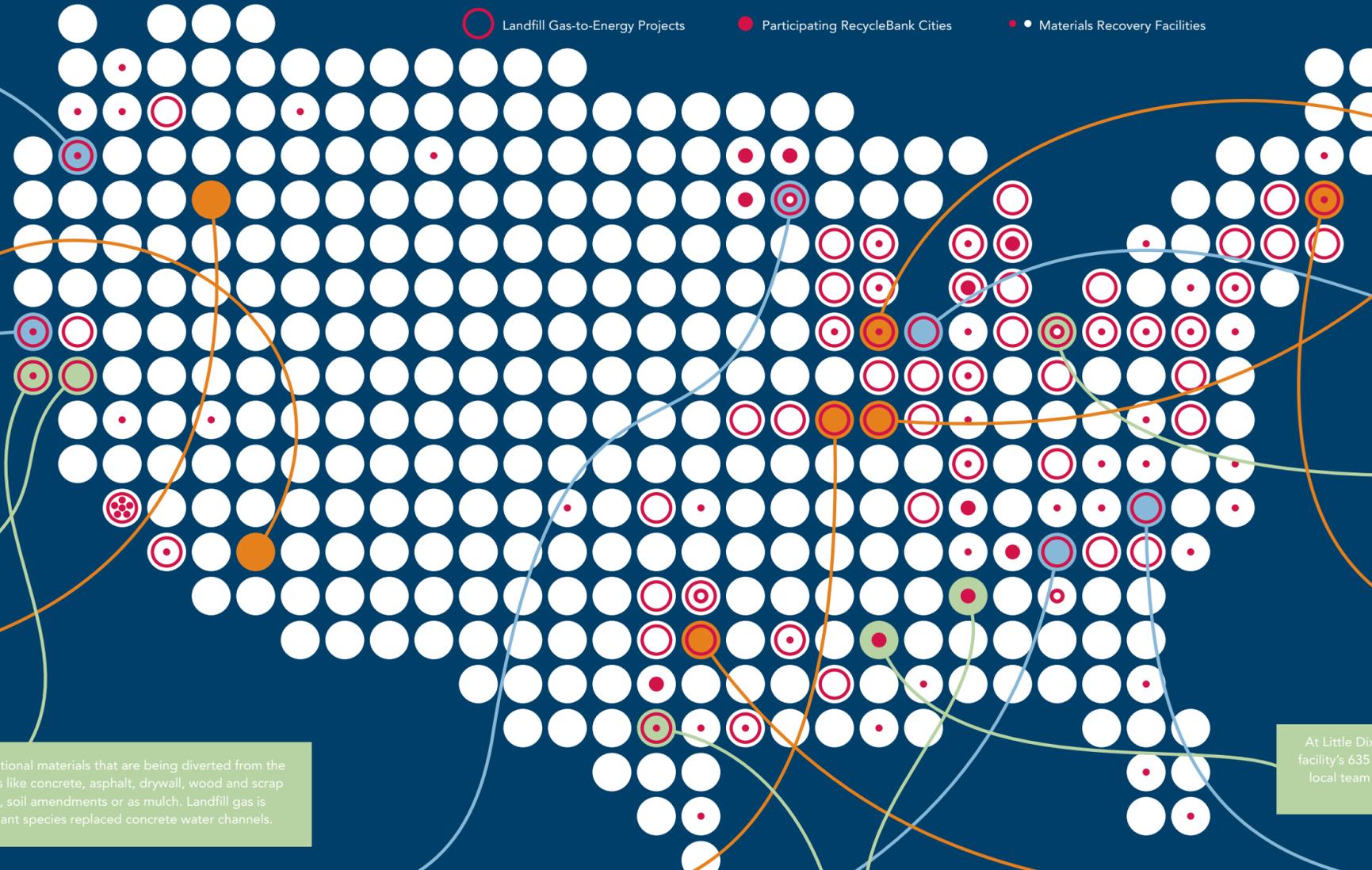
## FLOWOOD, MISSISSIPPI

At Little Dixie Landfill in Flowood, Miss. a dedication to habitat improvement and more than a decade of certification with the Wildlife Habitat Council have ensured that the facility's 635 acres are managed to maximize suitability for various species. The property comprises small ponds, a large 50-acre lake, forested areas and open grasslands. The local team works with a number of community organizations including Hinds County Soil & Water Conservation, Mississippi Forestry Commission, Mississippi Department of Wildlife, Fisheries and Parks and USDA Natural Resources Conservation Service.

## CHARLOTTE, NORTH CAROLINA

Charlotte Motor Speedway Landfill in Concord, N.C. has been certified by the Wildlife Habitat Council since 1991. The 729-acre site contains a number of habitat types including aquatic life along Rocky River. A garden was planted to improve habitat for pollinator species and nest boxes by a pond provide habitat for wood ducks and songbirds. In addition, a nature trail provides opportunities for wildlife viewing.

○ Landfill Gas-to-Energy Projects  
● Participating RecycleBank Cities  
● Materials Recovery Facilities



Our investment this year will bring the Company's total of natural gas vehicles to more than 480.

Natural gas is playing a major role in our operations—from fueling our trucks to recovering it from our landfills for use as an energy source for homes and businesses in communities nationwide.

This year, we are doubling our fleet of natural gas vehicles. Republic operates one of the largest private fleets of trucks in the country. This year's investment will bring the Company's total of natural gas vehicles to more than 480. Natural gas trucks are clean-burning and help reduce greenhouse gas emissions. These purchases further our efforts to reduce fuel consumption and to use alternative fuels wherever possible. Nationwide, we have more than 1,000 vehicles powered by alternative fuels.

The Company is supporting this major fleet upgrade by constructing compressed natural gas fueling stations in Boise, Idaho; Gardena, Sun Valley and Chula Vista, California; and Bellevue, Washington. A number of our fueling stations will also be open to use by other fleets and the public, further extending the benefits of this infrastructure investment.

12



Republic landfills provide clean, green renewable energy to the communities we serve

## Gas-To-Energy

OUR LANDFILL GAS-TO-ENERGY PROGRAM ALSO HAD A BANNER YEAR WITH THREE OF OUR NEW FACILITIES NAMED PROJECT OF THE YEAR BY THE U.S. EPA LANDFILL METHANE OUTREACH PROGRAM. ALL TOLD, OUR GAS-TO-ENERGY FACILITIES PROVIDE ENOUGH ELECTRICITY TO MEET THE NEEDS OF APPROXIMATELY 192,000 HOMES AND GAS TO HEAT ANOTHER 201,000. THE BENEFIT TO THE ENVIRONMENT IS EQUIVALENT TO REMOVING MORE THAN FOUR MILLION CARS FROM THE ROAD OR PLANTING MORE THAN 4.5 MILLION ACRES OF FIR OR PINE TREES.



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The 40th anniversary of Earth Day was an opportunity for Republic Services to educate and make a difference.



This year marked the 40th anniversary of Earth Day. Since 1970, much has changed in this country environmentally. Environmental regulations, public sentiment and corporate and individual responsibility are all part of the waves of change that have meant cleaner air, land and water.

We are proud that each and every day we provide environmentally responsible disposal solutions for businesses and communities nationwide. Regulations in our industry ensure that human health and the environment are protected well before the first piece of waste goes into a landfill and for decades after the last load of trash is accepted.

In 2010, Republic Services used Earth Day as a platform for environmental education and community outreach. All of our field divisions were given tools and encouraged to host or participate in local Earth Day events. Hundreds of our employees and their family members and friends worked side by side with members of the communities we serve to make a difference for the environment in April.

Divisions in 25 states participated with community cleanups, classroom presentations and seedling giveaways. More than 120 volunteers from our headquarters office in Phoenix cleaned up a local park and installed trail markers. All in all, the positive impact was tremendous.

we made the 40th anniversary of earth day a local affair



# The Residential Recycling Conference gathered experts in order to impact the success of residential recycling.

16

Republic co-organized the inaugural national Residential Recycling Conference in partnership with Waste & Recycling News. We were motivated by our desire to grow and improve participation in residential recycling programs across the country.

More than 500 individuals interested in maximizing residential recycling efforts gathered in Chicago in March 2010 to learn from peers, industry leaders and recycling experts. Delivering solutions for serious recyclers, the conference and exhibition focused entirely on technology and innovations for and about the business of residential recycling.

It was a forum for learning and for identifying ways to advance recycling locally and nationally. Two dozen presenters addressed changes in regulations, technology, end-use markets and public sentiment. Republic felt privileged to help organize and support such an exchange of best practices and new ideas, and we are proud that we will again be working with Waste & Recycling News to co-organize next year's event to be held in Nashville in March.

"SO MANY THINGS IMPACT THE SUCCESS OF A RESIDENTIAL RECYCLING PROGRAM—THE QUALIFICATIONS OF YOUR SERVICE PROVIDER, THE MARKETABILITY OF YOUR MATERIALS, THE EDUCATION AND PARTICIPATION OF YOUR RESIDENTS. THE RESIDENTIAL RECYCLING CONFERENCE OFFERED RESOURCES IN THE FORM OF EXPERTS TO HELP WITH ALL OF THESE THINGS AND MANY MORE."

LORRIE ANDERLE, RECYCLING COORDINATOR FOR THE CITY OF ARLINGTON, TEXAS



republic is taking residential recycling to new levels

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