

A world of difference

Earth Day is celebrated this month. Here are five simple ways to help the environment anytime, both at work and in your community.

The world will commemorate Earth Day on April 22. That's no small matter to Boeing, which is improving its environmental performance by pioneering progressive technologies and reducing its environmental footprint. The company is pursuing five-year goals to improve energy efficiency and recycling rates and reduce greenhouse gas emissions intensity 25 percent by 2012, with a similar goal for hazardous waste reduction.

To help the company achieve these aggressive goals, Boeing employees have stepped up to take part in many activities. "We all play a critical role in improving environmental performance," said Mary Armstrong, Environment, Health and Safety vice president. "Thanks to employees, we have made tremendous progress over the past year. But we must continue to drive environmental thought and action into all we do."

With Earth Day taking place this month, here are five simple actions you can take at work and at home—not just on Earth Day, but throughout the year—to protect the environment and help Boeing reach its environmental targets.

- 1. You've got the power!** Turn off your computer monitor, lights and equipment when you're not using them. Make sure that you turn on any energy-saving features. **Benefits:** Helps Boeing achieve its target of a 25 percent increase in energy efficiency; reduces greenhouse gas emissions.
- 2. Take part in a "ride" of passage.** Instead of driving, start or join a carpool, or walk, bike or use mass transportation instead. By leaving your car at home twice a week, you could cut greenhouse gas emissions by more than 1,500 pounds (680 kilograms) per year. **Benefits:** Supports local community goals for reducing greenhouse gases.
- 3. I'll drink to that!** Recycle beverage containers such as paper cups, aluminum cans and plastic soda bottles. Also, if you're getting a beverage from a soda fountain or a coffeepot, put your drink in a reusable mug, glass or cup instead of a paper or Styrofoam cup. **Benefits:** Helps Boeing achieve its target of a 25 percent increase in solid-waste recycling rates.
- 4. Think before you ink.** Print as a necessity, not as a convenience. In March, Boeing began using 30 percent post-consumer paper. If you must print a document or an e-mail, use black-and-white, two-sided (duplex) printing. For instruc-



tions on duplex printing and more information, visit http://mps.web.boeing.com/green_tips.cfm on the Boeing intranet. **Benefits:** Using less paper helps cut waste and save money.

- 5. Lend a hand.** Participate in an Earth Day event at a Boeing site or in your community. Boeing's business strategy includes good corporate citizenship, and taking part in environmental activities supports that strategy. For more information about Earth Day activities, visit <http://ehs.web.boeing.com/enviro/earthday.asp> on the Boeing intranet. **Benefits:** Enables Boeing to achieve its business goals and Global Corporate Citizenship objectives. "Boeing improves lives and communities worldwide," said Anne Roosevelt, vice president of Global Corporate Citizenship.

To read Boeing's environment report, which highlights the company's environmental actions and commitments from a product, operations and community perspective, visit www.boeing.com/aboutus/environment on the Boeing external Web site. To learn more about environmental activities at Boeing, including ways to get involved in these efforts, visit the Environment Information Center (<http://ehs.web.boeing.com/enviro>) on the Boeing intranet.

"Since Earth Day last year, we've seen so many inspiring environmental success stories from all around Boeing, and I continue to be amazed at the ability of our colleagues to drive change and make a difference at their sites," said Mark Arvizu, senior manager of Environment, Health and Safety and the enterprise environmental programs manager. ■

PHOTO: Boeing employee volunteers, like the two pictured here, have participated in several tree-planting activities of TreePeople, a California-based environmental advocacy group. TONY ROMERO/BOEING

People in the Neighborhood: A clean **sweep**

For Ray Burton, tidiness connects to Lean and safety

Editor's note: This article marks the start of "People in the Neighborhood," an occasional series in which Boeing Frontiers profiles an employee who explains how his or her job fits into Boeing's overall goals.

For the last three years, Ray Burton (right) has served as a Housekeeping team leader in Wichita, Kan. Here he discusses what he does in a typical day and how his work connects to Boeing efforts to boost productivity and safety.

I do a lot of different things in a day. I do ordering and stocking of cleaning and paper products. We go through existing internal supply channels to do this, instead of going off the process. That way, **we get more accomplished** than if many people were trying to do the same job.

I also check with other teammates to see what they need as far as tools and supplies to help them do their jobs. One of the jobs I do is to fill kitting boxes with cleaning materials, like OS1 calls for.¹ Each site had so many products that it was costing Boeing quite a bit. We 5S'd all our products and went to **single packets** of cleaning materials.²

We're always looking for ways to improve our processes. We try to keep our expenses to a minimum. When you **take ownership of your work**, then you're always looking for ways to cut costs or do things in a better way.

We have the flat Unger microfiber mops instead of the old cot-



ton-string mops. The Unger mops are lighter, so they're easier to use. And another part of our **safety improvements** is that we got rid of bleach and ammonia products. That way, you don't inhale fumes when working with chemicals.

Safety is everyone's responsibility. We 5S our closets so that we don't have a lot of clutter. We don't have extension cords strung out. You want to **go home in the same condition** that you came to work.

At the end of the day, I go home and feel like I've **accomplished what I set out to do** at the start of the day. I get the satisfaction of knowing that I've taken ownership of a job and have done the best I could.

– Junu Kim

- ¹ Operating System 1, a program to simplify and standardize housekeeping at Boeing
- ² A process for Leaning out a work area to keep it organized, reduce waste and maintain standardized conditions. 5S stands for Sorting, Simplifying, Sweeping, Standardizing and Self-Discipline.



Six in the mix

Employees in the Everett, Wash., factory began final assembly last month on the sixth 787 Dreamliner, the last designated for flight test. The airplane, designated ZA006, will be powered by General Electric GE9x engines.

In all, assemblies for approximately 30 Dreamliners currently are in production throughout the supply chain. The 787 Dreamliner has orders for 878 airplanes from 57 customers.

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