



Maryland Green Registry MEMBER

The Maryland Green Registry promotes and recognizes sustainable practices at organizations of all types and sizes. Members agree to share at least five environmental practices and one measurable result while striving to continually improve their environmental performance.

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Consulting

Member since July 2013

Management and Leadership

Environmental Team

ERP's environmental team includes members from across the organization, including the departments of Marketing, Information Technology, and Human Resources. Members meet four times a year to discuss new green initiatives, progress towards established goals, environmental education, and community opportunities. Our mission is to encourage environmental awareness in the workplace by identifying readily achievable measures to reduce waste and save energy.

Environmentally Preferable Purchasing

Our procurement approach includes purchasing recycled content products and reusing materials whenever possible. We annually revisit our supplies to determine which suppliers are providing green products and services.

ERP is in the process of putting a plan in place to ensure that the IT department takes advantage of every possible opportunity to establish a "Green IT" environment by using more energy efficient technologies, recycling old computer equipment, and sharing equipment – such as printers and servers – wherever possible.

ERP has a business relationship with – and purchases its computers from – Dell, who is the first major computer company to reduce their carbon emissions and the first to drive toward large-scale recycling.

We purchase 30% post-consumer waste recycled Office Depot Standard White copy paper for office use.

Waste

Solid Waste Reduction and Reuse

ERP has made the default setting on all of its copiers and printers “fast draft.” With this setting we use less ink and fewer cartridges – in turn purchasing less and reducing waste and overall environmental impact.

Recycling

ERP recognizes that recycling is a top priority and, by working together, we can divert even more recyclable material from landfills – preserving natural resources and energy and thereby saving expense. For that reason, we recycle all cardboard and packaging materials through Abitibi Paper Retriever. ERP’s Environmental Team is preparing to implement a recycling program for other materials – such as paper, plastic, metal, and glass – across all of our sites.

energy

Energy Efficiency

Our latest servers provide comprehensive optimizations, including Dell OpenManager™ Power Center. ERP is also in the process of further reducing energy requirements and increasing the efficiency of cooling in the server infrastructure. Our Green Enterprise Solutions include: Storage Sharing, Server Virtualization, and virtual classrooms.

Storage Sharing – ERP has taken on the task of moving from a single server single disk set, to multiple server single disk set. This is a trend towards utilizing hard disk capacity more efficiently due to less waste of hard disk space on individual servers and viewing our hard disk space as a resource pool for an entire set of servers. Less hard disk waste means fewer hard disks and thus less energy to run the hard disks.

Server Virtualization – ERP has implemented VMWare technology to consolidate current standalone servers, as well as future servers for projects and company infrastructure. VMWare technologies have enabled ERP to run multiple server instances on a single server; reducing energy and cooling consumption.

Transportation

Employee Commute

ERP offers employees a flexible work environment in both location and hours. With manager approval, employees may telecommunicate from home. Each employee has their own individual laptop there is no difference in computer set up and they are able to work from virtually anywhere. This telecommunicating is facilitated by VPN Technology and Broadband internet.

Efficient Business Travel

Since summer 2011, ERP has used online programs (Lawroom.com) to administer mandatory classes for new hires. This online class practice eliminates the need for a physical classroom that would require maintenance and transportation/carbon emissions to and from.

Since implementing remote training and virtual classrooms, ERP has hired 162 employees in 28 states including Alabama, Alaska, Colorado, Hawaii, Nevada, Texas, and Virginia, as well as Maryland. An estimated 4,950 miles of vehicle travel and 428,000 miles of airplane travel were avoided through this program, saving 101 MTCO_{2e} in greenhouse gases.

Highway Miles	
Employees Within Driving Distance	55
Average Roundtrip Miles	90
Total Driving Miles	4,950
Air Miles	
Employees At Air Travel Distance	107
Average Roundtrip Miles	4,000
Total Air Miles	428,000



Help build a greener, more sustainable Maryland through voluntary practices that reduce environmental impacts and save money.

Learn more at www.green.maryland.gov/registry

