



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.

Pando Alliance



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Sustainability Consulting
Member since February 2018

Management and Leadership

Environmental Policy Statement

Pando Alliance is committed to reducing our impact on the environment. We are always striving to create new ways we can help diminish our negative impact on the environment. We are committed to developing green and healthy homes and communities that will help provide cost effective housing. Our policy is reinforced and maintained by all Pando Alliance employees. We commit to:

- *Complying with all environmental rules and regulations*
- *Preventing pollution, whenever possible*
- *Motivating employees to initiate green practices in their personal lives*
- *Setting annual goals to improve our environmental impact*
- *Creating new ways to measure our impact on the environment*

Environmental Team

We have an eight-member team that regularly discusses ways to make our sustainability efforts more effective. Our mission is to develop healthy, energy efficient, durable, and environmentally sound homes. We pride ourselves on providing measurable utility savings in affordable housing projects. We measure our own success by the growth of sustainability within our projects and their communities.

Environmentally Preferable Products and Services

Our company provides consulting to multifamily developers and project teams on how to build energy efficient apartments that consume less energy than similar homes. We also provide investment grade energy audits of existing

multifamily properties where we make recommendations to developers on how they can improve the energy efficiency of their property.

Environmentally Preferable Purchasing

The products we use in our office are normally recycled/reused materials. We purchase only Energy Star certified electronics, such as laptops, monitors, printers, and TVs. We also purchase only Forest Stewardship Council (FSC) certified paper. Our hand and dish soap is environmentally friendly and not animal tested. Instead of using paper towels in our office we use washable hand cloths to cut down on paper waste. We have saved approximately 12,500 paper towels annually by using hand cloths in the restroom. All the tissue and toilet paper we purchase is FSC certified only. All batteries we purchase for our test equipment are rechargeable, which has diminished our need to purchase batteries for the past few years. We have also purchased 16 plants for better indoor air quality at our office.

Whenever possible, materials selected for our office fit-out were purchased from reused stores such as Habitat Restore and Loading Dock. We purchased and installed 100% recycled blown cellulose insulation for the attic of our office, and we are the only unit in our complex with continuous insulation in the attic. We also replaced the drop ceilings in our upstairs office space with drywall ceiling providing protection against the passage of wind.

Waste

Solid Waste Reduction and Reuse

We are always looking for ways to decrease our amount of waste. In the kitchen, we use cloth napkins instead of paper napkins, and we use dish cloths instead of disposable sponges. We have saved approximately 6,250 paper napkins/towels annually by using cloth napkins in the lunch room. Out in the field we use reusable covers for testing duct systems instead of disposable tape whenever possible. To reduce plastic waste, we use filtered and tap water instead of bottle waters. Cardboard boxes and packing material are taken by employees to a UPS store that will accept these materials for reuse. We do not have a Keurig coffee machine because the K-cups are not reusable. Instead, we have a regular coffee machine with biodegradable coffee filters.

Recycling

Most of our office waste is recycled (bottles, paper, cardboard, ink cartridges, and plastic bags). When materials cannot be recycled at the office, staff members help out by bringing recycled materials home. The complex where

our office is located does not clearly distinguish the recycling dumpster from the trash dumpster; therefore, trash and recycling are sometimes mixed together. To combat this, recycling is taken home by employees who live in Anne Arundel County, which is accepting of a wider variety of materials than other counties. Staff members who live in Baltimore City take home Styrofoam because it can only be recycled there. When we need to use tape and we are out in the field, we use polyethylene duct mask tape; after use, the tape is brought back to the office for recycling.

Composting

We have been composting food waste since 2016 and have a bin in the kitchen of our office where employees can put leftover coffee grounds and fruit/vegetable waste.

Energy

Energy Efficiency

All of the lighting in our office is either high-efficiency T-8 light bulbs or LEDs to reduce electricity usage, and our refrigerator is Energy Star rated. We have an Energy Star certified smart programmable thermostat that is set at 75 in the summer and 72 in the winter so the unit does not run as often. Our windows are operable to allow for natural ventilation and little need for heating/cooling during the fall and spring.

Transportation

Employee Commute/Customer Travel

Pando Alliance offers employees a flexible schedule to reduce travel during peak times. Employees are offered the option to telework to reduce the amount of car pollution we contribute. Pando also encourages staff members to carpool to project sites, and, when assigning managers to projects, we schedule the project managers that would have the shortest commute to the site.

Efficient Business Travel

Five out of eight employees drive energy-efficient vehicles which have significantly reduced the amount of fuel consumption compared to our prior fuel consumption. Considering that our average employee drives almost 100 miles a day, we have saved an average of 3,200 gallons of fuel per year among those five employees.

Water



Water Conservation

Our showerhead and faucets are low flow, WaterSense-rated fixtures. We upgraded our toilets from a 3.5 gpf to a 1.1/1.6 gpf dual flush. According to the Federal Energy Management Program, this upgrading will decrease one person's annual water use from 27,300 gallons to 12,500 gallons. There are eight employees in our office which means we save about 118,400 gallons per year. When moving into our new office we selected two-handled faucets to avoid unintentional hot water draws. Our hand cloths are taken home by an employee and washed with a full load of laundry to use less water than washing them on their own.

Environmental Certification Programs, Awards, and Other Activities



Pando Alliance maintains the following professional credentials:

RESNET HERS Rater

LEED AP, BD+C

LEED for Homes Green Rater

NGBS Green Verifier

Enterprise Green Communities Technical Assistance Provider

BPI Building Analyst

BPI Envelope Professional

BPI Multifamily Building Analyst

PHIUS+ Rater

Awards:

2008 Certificate of Appreciation, Rebuilding Together Baltimore

2015 Energy Efficiency Champion, SMECO

2015 Partner of the Year, Delmarva Power

2016 Rater Partner of the Year, Delmarva Power

2016 and 2017 Energy Star Certified Homes Market Leader Award



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

Learn more at green.maryland.gov

