



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.

AECOM



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Engineering consulting firm
Member since May 2016

Management and Leadership

Environmental Policy Statement

Our mission is to create a safe and healthy work environment that places equal value on client service, employee unity and development, and sustained operational efficiencies for the benefit of our co-workers, clients, and surrounding community. Specifically, we pledge to: 1) Foster and promote a green workplace through open communication, cooperative solutions, employee recognition, and a sustained management commitment; 2) Create an employee-driven and management supported office sustainability initiative; and 3) Share information on our sustainability performance with internal and external stakeholders.

Environmental Team

The AECOM Germantown Green Team currently has over 10 active members and is working to recruit more. The team's mission is to incorporate the principles of sustainability into AECOM's internal operations to minimize the environmental impact of our operations, to optimize the use of resources, to build positive relationships with our communities, and to promote a healthy and productive work environment.

The team meets at least once every month and consists of several subcommittees that meet more frequently as needed to focus on specific topics such as recycling, employee education, and event planning. The team conducts an annual survey of employees and these responses are presented and disseminated in the form of an Annual Sustainability Report.

Annual Environmental Goals

The Green Team has created a Continuous Improvement Plan which details the following goals:

1. *Engage 40% more employees in office sustainability efforts by March 2017*
 - *Metric 1 – Number of Green Team employees*
 - *Metric 2 – Percentage of surveyed employees that “often” or “always” participate in green activities*
 - *Metric 3 – Number of employees participating in Green Team events*
 - *Metric 4 – Fill all 50 slots for WeSpire demo*
2. *Increase the amount of overall recycling both in office and at home*
 - *Metric 1 – Amount of total recycling based on yearly report*
 - *Metric 2 – Percentage of surveyed employees who feel that recycling is “easy”*
 - *Metric 3 – Question on next year’s Green Team survey asking whether employees find office signage helpful*

Environmentally Preferable Products and Services

Formed from many of the world's finest engineering, design, environmental and planning companies, AECOM's technical expertise and creative excellence combine to provide fully integrated planning, design, engineering, environment and program management capabilities to a broad range of markets.

We have successfully implemented over \$800 million in energy projects in the past five years, including large scale power, transmission and distribution, renewable energy and ESPC projects in both the public and private sectors.

Our specific energy efficiency capabilities include:

- *Energy Savings Performance Contracting (ESPC)*
- *Energy efficient facility modernization*
- *Retro and monitoring based commissioning services*
- *Utility technology assistance*
- *Demand management and demand response*
- *LEED certification process management- new construction and retrofit*
- *Sustainability consulting*
- *Innovative financial solutions*
- *Energy master planning*
- *Cogeneration, distributed generation and renewable energy*
- *Facility improvement and optimization projects- heating and cooling*
- *Lighting design and implementation*

Environmentally Preferable Purchasing

Purchasing at the Germantown office is bounded by AECOM corporate policies. However, where not constrained by corporate policy we will purchase products that:

- a. Generate the least amount of greenhouse gases during production compared to similar products,*
- b. Contain the least amount of toxins detrimental to human health and the environment,*
- c. Contain the highest possible percentage of post-consumer recycled content that meets our performance standards,*
- d. Are multifunctional, such as scanners/printers/copiers and multipurpose cleaners.*

We also work with our landlord to encourage compliance with this policy for the items they purchase for our use.

Environmental Restoration or Community Environmental Projects

We work primarily with the WSSC to plan and participate in clean-up events. As the Green Team grows in size, we will expand our community outreach to include a greater range of activities.

Waste

Solid Waste Reduction and Reuse

It is our policy to practice waste reduction and recycling in our daily business operations. The office strives to maximize paper efficiency by using electronic forms when possible, discouraging the printing of e-mails, and encouraging transmitting documents, including marketing and outreach materials, electronically. We distribute information to employees electronically, and when hard copies are required, we use continuous circulation envelopes. We encourage the use of electronic research and document storage and educate employees and clients about our recycling successes.

Recycling

We comply with the County's requirements for recycling and then go beyond by reusing materials, composting our coffee grounds (through our coffee vendor), and recycling computer equipment, toner cartridges, and pallets.

In 2015, the business complex in which AECOM's Germantown office is located recycled 38,593 lbs of mixed paper and 52,583 lbs of commingled materials. We also provide options for ink cartridge and cell phone recycling.

Composting

We compost coffee grounds through our coffee vendor.

Hazardous Waste/Toxic Use Reduction

We incorporate pollution prevention measures in our business operations. We reduce the quantity of chemicals used by using non-toxic or water-based alternatives to solvent-based cleaners, modify employee behavior through encouraging proper response to Clean Air Partners air quality notifications, participate in Montgomery County's Ecowise program to manage hazardous waste, and participate in e-cycling events to reduce electronic waste.

Energy

Energy Efficiency

It is our policy to reduce and manage our energy usage. We use ENERGY STAR office equipment and appliances when available, keep the temperature setting for refrigerators between 35 and 38 degrees Fahrenheit, and have replaced our computer monitors with liquid crystal flat panels. We use occupancy sensors to control the internal lighting, our light fixtures use T8 lamps, and we have configured our workspaces to take advantage of natural daylight as much as possible. We occupy a LEED Gold-Certified building which has an HVAC system with variable frequency drives on pumps and motors, economizers on the air conditioning systems, and controls to regulate ventilation based on occupancy.

Our office employs sensors that automatically turn off lights in unoccupied spaces, reducing energy costs by reducing energy waste. We also use LED exit lights. Further energy efficiency measures include shutting down the HVAC systems on major holidays and weekends and contracting a green certified cleaning service for daytime cleaning.

Water

Water Conservation

Our faucets have a flow rate of only 0.5 gallons per minute. We also have waterless urinals, motion sensor-controlled water faucets, and our toilets use only 1.3 gallons of water per flush, which saves 870 gallons per month per toilet.

Stormwater Management and Site Design

The landscaping irrigation system for AECOM's Germantown office primarily uses captured water from a cistern. We also strive to avoid spills that may enter surface water and clean up any spills that do occur.

Transportation

Employee Commute

Transportation and Travel: It is our policy to minimize resources used in travel and transportation in our business operations. We promote efficient and shared travel for project-related and internal operations, as well as commuter-related travel and transportation. We also encourage virtual meetings to eliminate travel altogether. Lastly, our Green Team is actively working to encourage the use and accessibility of public transportation.

Green Building

LEED Gold

We lease space in a building that is certified LEED Gold for New Construction.

Environmental Certification Programs, Awards, and Other Activities

Beginning this summer, we will also be participating in a Montgomery County-financed trial of WeSpire, which is a social media platform to encourage environmental sustainability.

Lastly, the Green Team in Germantown plans an annual Earth Day event designed to educate employees on ways to be green at work and at home. In 2016, the event consisted of a scavenger hunt in the morning, a presentation with details on the Green Team at lunchtime, and a local clean-up in the afternoon.

AECOM Germantown is currently in the process of renewing its Montgomery County Green Business certification.



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

Learn more at green.maryland.gov

