



## 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.

# Johns Hopkins University

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Higher Education Institution

Member since April 2016

## Management and Leadership

### Environmental Policy Statement

*Johns Hopkins defines sustainability as the collection of smart and responsible actions that prioritize people, natural resources, and finances to safeguard the health of future generation. The Office of Sustainability's mission is to provide tools and strategies to the Johns Hopkins community so that the institution is more sustainable and remains strong and vibrant. More on our mission, vision and sustainability goals can be found in our [Climate Action Plan](#).*

### Environmental Team

*The Office of Sustainability is comprised of three full time staff members who work across the different campuses and division that comprise The Johns Hopkins University. By working with key stakeholders and partners in departments university-wide, we work to identify localized opportunities, implement solutions and share those stories. We also work with university administration to identify priority areas that impact all campuses and university culture, and coordinate programming that helps educate and empower students, staff and faculty to be a part of institutional change.*

### Annual Environmental Goals

*Our primary goal is to reduce university emissions by 51% by 2025. Myriad projects and programs work to conserve energy, use it more efficiently, and utilize renewables. Efforts and initiatives also target waste reduction and*

*diversion, water conservation, stormwater management, and local sourcing of food, products and services.*

**Environmentally Preferable Purchasing**

*Procurement at Johns Hopkins University works to identify environmentally preferred products and negotiate contracts that work to encourage sustainable outcomes. This can be seen in our efforts to normalize the cost of water filtration systems over bottled water, achieve price parity with recycled content paper and incorporate deliberate language into RFPs and contracts.*

**Environmental Restoration or Community Environmental Projects**

*Through events, classes, leadership programs, and partnerships, we help facilitate varied activities in the community such as restoration projects, community gardening efforts, tree planting, litter cleanups and more. Examples include connecting student groups to area non-profits to build floating wetlands that filter Baltimore's Inner Harbor, planting trees as part of Earth Week programs, the establishment of the Blue Jay's Perch Community Garden, and hosting litter cleanups in conservation areas near our Homewood Campus.*

**Waste**

**Solid Waste Reduction and Reuse**

*Through a furniture reuse program, we capture and reuse furniture throughout the university, as well as donate to local charities to divert from the incinerator. Elements of our Green Office Certification program aim to educate and encourage departments on ways to reduce waste in an office setting, and programs like move-out recycling helps to capture waste during student move-out, and donates usable items to local organizations.*

**Recycling**

*Across our various campuses we collect co-mingled recycling, including glass, plastic and aluminum cans, bottles, cups and appropriate containers, office paper, paperboard and cardboard, as well as electronic waste, light bulbs and furniture. Some campuses collect Styrofoam, participate in lab pipette tube take-back programs, and participate in TerraCycle brigades.*

**Composting**

*Pre and post consumer food waste, yard waste and compostable food service materials are collected across our campuses.*

## Energy

### **Energy Efficiency**

*Efficiency guides the decisions in JHU's Facilities and Design & Construction offices. All renovations and new construction projects are designed to use 30% less energy than current building energy code standards. We are accomplishing this through a variety of efforts that can be read on [our site](#), and progress to date can be seen in our annual [progress report](#).*

### **Renewable Energy**

*Johns Hopkins is home to one of the largest solar projects in the City of Baltimore and one of the largest building-mounted solar systems in the country. Photovoltaic (PV) panels atop seven buildings collect solar radiation and convert it directly into electricity, generating 1 million kWh of clean renewable energy each year, or enough electricity to power roughly 112 average households and offset 545 tons of greenhouse gases. Read more and see dashboards: [http://sustainability.jhu.edu/sustainability\\_initiatives/energy\\_and\\_climate\\_change/](http://sustainability.jhu.edu/sustainability_initiatives/energy_and_climate_change/)*

## Transportation

### **Employee Commute**

*While employee travel is not technically part of our carbon footprint that we track and directly work to mitigate, we try to provide options and information that help reduce SOV travel. We provide bike racks and infrastructure – like bike repair stations -at different campuses, we provide shuttle service between our Baltimore area campuses, and we're home to the city's first Zipcar spots. We currently have 18 spots on or proximal to our campuses.*

### **Efficient Business Travel**

*The university offers many [tools for remote meetings](#), and is currently worked to measure university related air travel.*

### **Fleet Vehicles**

*We have installed a compressed natural gas station and have shuttles that operate on this. We also purchase fuel-efficient, electric or hybrid vehicles when possible.*

## Water

### **Water Conservation**

*The university works to add aerators to facility faucets, and has a 1 gallon toilet standard across campuses. Educational programming, especially targeted in residence halls, encourages the campus community to use water thoughtfully. More can be read on our efforts regarding water conservation [here](#).*

### **Stormwater Management and Site Design**

*Through various green roofs, rain gardens and stormwater catchment systems, we work to mitigate stormwater across our campuses in way best suited to their different environment, such as our more urban East Baltimore Campus, compared to our more expansive Homewood campus. Other projects are continually evaluated to further reduce pervious surface, including pervious sidewalks and pavers.*

## Green Building

### **LEED Silver**

*We have a LEED Silver building standard for all new constructions, but many of our new buildings or large renovations have exceeded that. We have over 17 LEED certified buildings of different levels.*

## Other

- While we have implemented many projects on the ground, we also coordinate outreach and educational programming of varied formats to ensure we transform the culture of JHU. In 2015, our president signed the White House's Act on Climate Pledge, committing us to continued climate action in advance of the Paris Climate Talks.  
Awards: Undergraduate Teaching Lab, USGBC Wintergreen Award Winner 2016.*



*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](http://www.green.maryland.gov/registry)*

