

Global Workplace Services: Sustainability

Our goal

Microsoft is dedicated to creating exceptional spaces designed with our culture in mind – one that will result in a connected, sustainable, and accessible workplace that empowers and celebrates innovation, collaboration, diversity, and employee wellness.

CARBON



By 2025, our energy supply will be 100 percent renewable. [And by 2030](#), Microsoft will have 100 percent of our electricity consumption matched by zero-carbon energy purchases.

- By 2030, we will electrify our global campus operations vehicle fleet, powering nearly 1,500 vehicles with renewable energy while also providing commuting options that reduce single-car driving.
- Microsoft is the first large corporate user of the Embodied Carbon in Construction Calculator ([EC3](#)) tool used to identify lower-carbon building materials. The tool allows us to track carbon emissions alongside traditional financial costs when making construction decisions.
- Our Redmond headquarters, a state-of-the-art, all-electric utility plant called the [Thermal Energy Center](#) will heat and cool our campus by tapping into the earth's core for temperature adjustments. This is expected to reduce energy consumption by over 50 percent compared with a typical utility plant.
- The redesign of our Silicon Valley Campus uses 345,000 square feet of cross-laminated timber ([CLT](#)) as its main structural component – one of the largest CLT structures in North America. As durable as concrete and requiring significantly less energy to produce a comparably strong steel beam, CLT is proving an increasingly popular alternative to both.

WATER



By 2030 we will be water positive, meaning we will replenish more water than we use on a global basis.

- Microsoft is one of the first technology companies to build a “net-zero water campus.” Our new Silicon Valley campus features an [on-site rainwater collection system](#) and waste treatment plant to ensure 100 percent of the site's non-potable water comes from onsite recycled sources. An integrated water management system will manage and reuse rainwater and wastewater. By recycling our water, the campus will save an estimated 4.3 million gallons of potable water each year.
- Nearly halfway around the world, our new Herzliya, Israel campus features [water-efficient plumbing fixtures](#) that drive up water conservation by 35 percent. In addition, 100 percent of the water collected from air conditioners will be used to water plants on-site.
- In India, the newest building on our Hyderabad campus will support 100 percent treatment and reuse of wastewater on-site for landscaping, flushing, and cooling tower makeup.
- At our headquarters redevelopment in Redmond, all new office buildings will reuse harvested rainwater in flush fixtures and low-flow systems, which is projected to save more than 5.8 million gallons annually.

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ECOSYSTEMS

By 2025, we are committed to protecting at least the amount of land we occupy.

- Microsoft is preserving more than 15,000 acres of important ecosystems in partnership with The Nature Conservancy and the National Fish and Wildlife Federation.
- We endeavor to integrate nature and support local biodiversity in our building designs, from bird-safe facades and green roof systems to creating spaces for public gatherings. Multiple offices across the globe, including our Reston and Munich sites, maintain beehives to help revive local honeybee populations, using Microsoft Azure technology to monitor and research the endangered species.
- Our Silicon Valley site was intentionally designed to [rebuild the local ecosystem](#) for the plants and animals native to Mountain View. We built a 3-acre living roof that reintroduces native ecology to promote species diversification in the Stevens Creek area.
- At our [Redmond headquarters](#), we recently achieved Salmon-Safe certification. This means the campus is verified for protecting water quality and habitats all while limiting the negative impact our construction may have on aquatic species in nearby waters, such as Lake Sammamish. Our civil engineering and landscape teams worked together to ensure that only salmon-safe management practices will be used on the project, including improving the quality of runoff with a “biopod” treatment system that filters water before it is released to flow downstream.

WASTE

By 2030, we will divert at least 90 percent of the solid waste headed to landfills and incineration from our campuses and datacenters and achieve, at a minimum, 75 percent diversion of construction and demolition waste for all projects.

- Each campus across our portfolio maintains unique roadmaps outlining key zero-waste initiatives aiming to reuse, repurpose, and recycle waste.
- Using Microsoft Azure technology, our North America and Latin America sites will install Smartwell beverage dispensers to provide plastic-free beverage options. Using the new beverage system to fill reusable water bottles, we will remove more than 330,000 plastic bottles (nearly 9,000 pounds of plastic) annually from our waste streams.
- In the construction of our Atlantic Yards campus, we donated over \$150,000 USD worth of materials that were left over from the base building construction to Atlanta Technical College.
- Throughout the construction process at our Reston campus, we diverted 88 percent of construction waste from landfills, around 637 of 724 tons, and salvaged 156K square footage of carpet from prior tenants, sending those to the recycling facilities.