Global Workplace Services: Sustainability

**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.

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.
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.