

# See how we're building a sustainable campus

## Protecting and conserving local habitats, reducing carbon, and eliminating waste in Microsoft's Redmond modernization project

When it comes to sustainability, Microsoft has always used our campuses as a living lab of innovation, to ensure we're building in a way that benefits our campus and the community.

On April 16, 2019, Microsoft President Brad Smith [shared](#) the company's new sustainability commitment and reinforced our dedication to leading this issue

within our operations and outside our walls. Building upon this commitment, we're proud of the sustainability efforts we are taking as we modernize our Redmond campus. Check out some of the ways we've been working to **protect** and **conserve local habitats**, **reduce carbon** and **eliminate waste** in the process thus far.

### Protecting and conserving local habitats

#### Preserving trees:

We have positioned and designed new buildings to maximize tree preservation. As part of construction work, a number of trees will unfortunately be removed, but our efforts have allowed us to preserve many of the trees in the process.

#### Replanting trees:

For each tree that is removed, we will plant a new one. For any landmark trees removed, we will plant three new trees.

#### Relocating and restoring habitats:

We're committed to protecting local wildlife during clearing and construction activities, and are consulting with outside wildlife management organizations to develop best practices that will ensure we respect the space and the local ecologies.

#### Salmon safe:

We're pursuing Salmon-Safe certification, ensuring our construction practices protect Pacific Northwest salmon watersheds.

### Reducing carbon

#### Clean power:

We're powering our campus with 100 percent local carbon-free hydropower and have committed to building a new wind or solar project in the state.

#### Transitioning to electric:

We're building an all-electric campus, eliminating the use of fossil fuels within our buildings for powering, heating, and even cooking.

#### Reducing embodied carbon:

Microsoft has been 100 percent carbon neutral since 2012, but we're pioneering new ways to further reduce our carbon footprint in the rebuild, particularly in the area of embodied carbon. We're the first large corporate user of a carbon calculator that will help us find, choose and use lower-carbon building materials. We are committed to reducing our embodied carbon on the project by 15 percent utilizing this tool, and hope to increase that to 30 percent.

#### Energy smart:

We continue to expand our energy smart building work, which has already contributed to a 20 percent energy usage reduction.

### Eliminating waste

#### Zero Waste:

We're maintaining our Zero Waste certification status that we first earned in 2016, which requires we divert at least 90 percent of our waste from landfills.

#### Recycle and reuse:

We are recycling and saving many materials, including AV, security and IT equipment, carpet, clean wood, kitchen equipment, furniture, general interior materials and furnishings, concrete, steel and metals.

#### Reusing trees:

We have identified trees to be salvaged, dried and milled for reuse in the project (chairs, tables, and wood paneling).

