Microsoft

DENMARK

Microsoft commitments

CARBON

Microsoft pledged to become carbon negative by 2030 and remove historical carbon since its 1975 founding by 2050. Microsoft will reduce Scope 1 and 2 emissions to near zero through energy efficiency work and by reaching **100 percent renewable energy supply by 2025**.

Microsoft has also committed by 2030 to:

- Be free of diesel

- Match 100 percent of electricity consumption, 100 percent of the time, with zero-carbon energy purchases

- Reduce our Scope 3 emissions by more than half

WATER

In 2020, Microsoft pledged to be water positive for our direct operations by 2030.

Through this commitment, we will replenish the water consumed by datacenter operations in water-stressed regions. We have also committed to **reduce water waste by 95 percent in our datacenter operations by 2024**.

WASTE

In 2020, Microsoft announced enhanced goals for waste reduction, circular supply chains, and zero-waste certification. We are working towards our goal of **90 percent reuse of servers and components by 2025** through our first-of-a-kind Microsoft Circular Centers.

Microsoft is using **circular economy** principles in our datacenters by implementing reuse and comprehensive recycling programs.

By 2030, Microsoft datacenters will be zero waste

ECOSYSTEMS

Microsoft has committed to **protecting more land than we use for direct operations by 2025**.

Microsoft is committed to community investment, pollution remediation, and fair economic inclusion initiatives, as well as investment in clean energy, broadband access, and water replenishment initiatives.

Denmark

Local sustainability investments

As more people and businesses rely upon technology to stay connected, informed, and productive, digital needs in Denmark and around the globe are growing—and that means the need for datacenters is growing, too.

The Microsoft Cloud offers customers an energy-efficient and carbon-neutral alternative to running their own private datacenters. Research shows that Microsoft Cloud services can be up to 93 percent more energy efficient than traditional enterprise datacenters.

We're committed to providing a sustainable Microsoft Cloud, so we wanted to share information about how we take responsibility for our datacenter operations.

For Microsoft datacenters located in Copenhagen, Denmark, in the Denmark East region, we have included local sustainability investments and datapoints in support of meeting and exceeding our commitments around carbon, water, waste, and ecosystems.

Published March 2023. This document shares information we have as of the publication date, and it includes estimated information and projections. The information is provided as-is and may change without notice.

CARBON

1.16
Design power usage effectiveness (PUE)

Not yet in operation

10%
Renewable energy coverage

Approximate energy procured and sourced by European Energy once operational

In Denmark, we plan to **power our backup generators with a renewable biofuel blend that reduces net carbon emissions**.

We will also use IT server heat as the primary heat source during cold winter months and, where feasible, **transfer it to the district heating grid for use in the local community.**

New Microsoft datacenters are designed to earn **LEED Gold certification**.

WATER

0.01 L/kWh
Design water usage effectiveness (WUE)

Not yet in operation

Learn about WUE and PUE

WASTE

Microsoft Circular Centers can process up to

3,000
servers per month for reuse.

In 2020, we successfully opened our first Microsoft Circular Center in our North Holland datacenters, which is designed to extend the life cycle of servers through reuse and support a circular economy for the Microsoft Cloud.

We will open a **Circular Center in Demark** when reusable assets are available, which is typically five to six years after the datacenter is operational.

COMMUNITY

The Denmark datacenter region offers new opportunities for Microsoft's comprehensive partner ecosystem that builds and implements innovative solutions on the Microsoft Cloud. Microsoft collaborates in Denmark with close to

4,000
partners to support digital transformation in Danish companies and public institutions. This includes companies such as Accenture, Atea, KMD, Netcompany, NNIT, Systematic, Proactive, and Venzo. According to the US consulting firm IDC, DKK1 consumed in the Microsoft Cloud by Danish customers generates more than DKK7 in revenue for Microsoft's Danish partners.

Learn more

■■ Microsoft

Achieving your sustainability goals

Microsoft Azure enables operational agility, performance, efficiency, and sustainability so you can reduce your company's water usage, waste output, and carbon footprint—all while improving productivity and cost efficiency.

Microsoft Emissions Impact Dashboard

The Microsoft Emissions Impact Dashboard helps to quantify the impact of Microsoft Cloud services on your environmental footprint, factoring in Microsoft's Scope 1, 2, and 3 emissions as well as the efficiency of your on-premises environments.

Microsoft Cloud for Sustainability

The Microsoft Cloud for Sustainability allows you to more easily and effectively record, report, and reduce your emissions on a path to net zero. It integrates previously disparate solutions into a new system of record that delivers all the data you need to manage your business today while you transform.

Learn more

Whatever your sustainability goals, Microsoft can help you plan, implement, and attain measurable environmental and cost benefits.

Learn more about improving your sustainability with Microsoft:

Microsoft.com/Sustainability