Microsoft

Microsoft datacenters in
Mexico

Datacenters provide the physical infrastructure for the technology we depend on at work and in our personal lives

A datacenter building houses thousands of computer servers and data storage devices connected to the internet

These buildings are similar in size and appearance to a distribution warehouse.

Microsoft aims to build datacenters that are best in class in performance, reliability, safety, aesthetics, and sustainability.

Compared to many other industrial facilities, datacenters do not create significant noise pollution or have a significant impact on traffic flow or congestion.

Microsoft operates more than 300 datacenters in over 34 countries.

Datacenters are part of everyday life

Whenever you open an app on your phone, join a virtual classroom or meeting, snap and save photos, or play a game with your friends online, you are using a datacenter.

Email

Online shopping

Mobile apps

Online banking

File storage

Streaming videos

Take a virtual tour of a datacenter >

Microsoft datacenters create local operations and construction jobs

Microsoft datacenters in Mexico currently employ **17 people**.

When construction begins for the new facilities, we estimate it will require **540 construction roles** and **approximately 3.3 million work hours** to complete the project. We intend to fill **25 to 30 percent** of positions with local contractors.

By the end of 2026, we project **61 full-time employees and contractors** will work across all operational facilities.

Datacenter operations

- Campus management
- People management
- Learning and development
- IT operations
- Mechanical engineers
- Electrical engineers
- Security contractors
- Building maintenance
- Critical environments

Construction jobs

- Electricians
- Plumbers and pipefitters
- Carpenters
- Structural iron and steel workers
- Concrete workers
- Earth movers

Find Microsoft jobs in your community ›

Taxes from Microsoft datacenter operations represent important revenue for national, regional, and local governments

Microsoft datacenters represent a capital-intensive investment and long-term commitment to the community. This investment grows the commercial property tax base, increasing revenue for municipal services that benefit local citizens.

Examples of country, provincial, and local taxes that support cities, municipal services, schools, and colleges include:

Property taxes
Collected annually once land is purchased.

Indirect taxes
From construction and operation expenses. Examples include VAT, GST, and sales tax.

Income taxes
From construction and operations workers.

Microsoft is investing in local priorities in Mexico

Investing in people of all ages through local skill-building programs

Teaching about microenterprises and self-employment

In partnership with the Secretariat of Economy, we have trained nearly 7,000 people in Microsoft Technology Workshops on microenterprises and self-employment. Microsoft joined the "Secretary of Economy Technology Week" with over 2,700 participants and about 400 diplomas delivered.

Providing basic education and digital skills

Microsoft partnered with Construyendo y Creciendo to implement mobile classrooms near our datacenters in Queretaro, Mexico to provide basic education and digital skills training to 400 people. The program focuses on using technology as a mechanism to strengthen skills for employment.

Training the digital skill trainers for local impact

Through the Microsoft Global Skilling Initiative, Microsoft Philanthropies works in collaboration with Queretaro State to train job seekers in digital skills. In addition, in partnership with Queretaro´s Secretariat of Labor and public universities, the Microsoft Train the Trainers initiative helped more than 2,500 students to perform their mandatory social service as instructors. The local Employability Service used these students trained as instructors to help the job seekers attached to the Service. More than 6,520 final beneficiaries have been trained by the student instructors and the Employability Service reports that to date, more than 1,956 people have found employment.

Learn more about Microsoft in Mexico ❯

Published April 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.

Microsoft global commitments

CARBON

Microsoft pledged to become carbon negative by 2030 and to 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 coverage 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 and recycle 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.

Mexico
Datacenter operations sustainability investments

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 Mexico we have included local sustainability investments and datapoints in support of meeting and exceeding our commitments around carbon, water, waste, and ecosystems.

CARBON

1.12

Design power usage effectiveness (PUE)

Not yet in operation

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

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

Microsoft operations in Mexico will comply with applicable air quality requirements.

Learn about PUE ›

WATER

0.056 $\frac{L}{kWh}$

Design water usage effectiveness (WUE)

Not yet in operation

Microsoft will use outdoor air with direct evaporative cooling at the Mexico datacenters.

This method of cooling uses **outside air and zero water** when temperatures are below 29.4 degrees Celsius, **reducing cooling water use to less than 20 percent of the year**.

Learn about WUE ›

WASTE

Globally, Microsoft datacenters reuse

78%

of our end-of-life assets and components. **The remaining 22 percent of materials are recycled**.

Additionally, Microsoft is conducting research and development to **improve waste diversion by determining new recycling solutions for used air filters and fiber optic cables.**