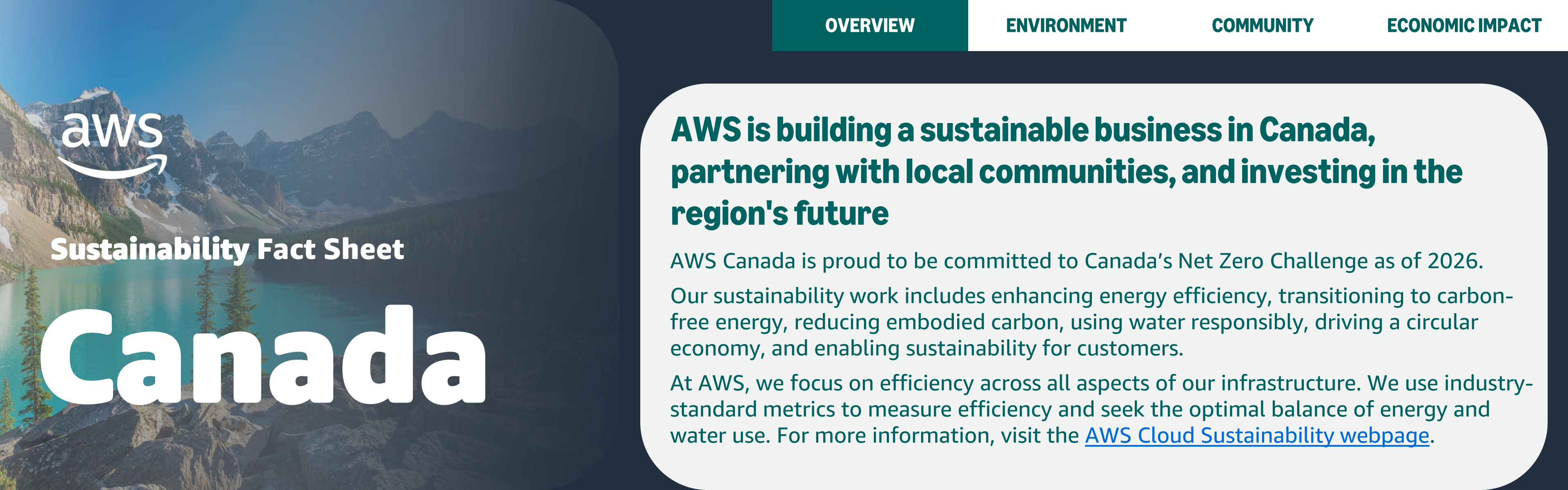




Sustainability Fact Sheet

Canada

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ENVIRONMENT

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ECONOMIC IMPACT

AWS is building a sustainable business in Canada, partnering with local communities, and investing in the region's future

AWS Canada is proud to be committed to Canada’s Net Zero Challenge as of 2026.

Our sustainability work includes enhancing energy efficiency, transitioning to carbon-free energy, reducing embodied carbon, using water responsibly, driving a circular economy, and enabling sustainability for customers.

At AWS, we focus on efficiency across all aspects of our infrastructure. We use industry-standard metrics to measure efficiency and seek the optimal balance of energy and water use. For more information, visit the [AWS Cloud Sustainability webpage](#).

Efficiencies of Scale

Our scale allows us to achieve higher resource utilization and energy efficiency than the typical on-premises data centre. A study released by Accenture and AWS estimates running optimized workloads on AWS’s infrastructure is up to **4.1 times more efficient than on-premises**.

For more information, visit the full report, “[How moving to the AWS cloud reduces carbon emissions](#).”

Key Sustainability Metrics

AWS Canada (Central)	2023	2024	2025
Average PUE	1.22	1.19	1.19
Average WUE (L/kWh)	---	0.04	0.06
AWS Canada West (Calgary)	2023	2024	2025
Average PUE	---	1.17	1.13
Average WUE (L/kWh)	---	0.08	0.04

Power Usage Effectiveness (PUE) and Water Usage Effectiveness (WUE) (in liters per kilowatt-hour) for data centers operated by AWS between January 1 and December 31 of each year.

Building a Sustainable Business

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Our Investment in Carbon-Free Capacity

- **Buffalo Plains Wind Farm** is a wind farm in Vulcan County, Alberta – the company's first wind farm investment in the country, which is capable of producing more than 400 megawatts (MW) of renewable energy.
- **Travers Solar Farm** in Vulcan, Alberta. The project is already producing 400MW of power each year.
- **Amazon DYB2 Delivery Station** in Nisku (Edmonton), Alberta, is our first on-site Amazon solar rooftop project in Canada, which produces enough energy to offset 35 per cent of the building's energy consumption.

Our Water Positive Commitment

In 2025, AWS withdrew 11,387,528 litres of water in the Montreal region and 5,475,963 litres of water in the Calgary region.

We are committed to being water positive by 2030, meaning we will return more water to communities than we use in our direct operations. As of the end of 2025, we were 75% of the way towards this goal globally.

To learn more, see the [Amazon water spotlight page](#).





Community Impact

Calgary Community Fund: Launched in 2023, this fund supports initiatives that bring transformative change in the Calgary-area. More than CA \$375,000 in microgrants have supported 55 community-led social and environmental initiatives, reaching over 15,000 Calgarians.

UBC Cloud Innovation Centre: This generative AI hub, powered by AWS, connects students, University of British Columbia (UBC) faculty, and community organizations to solve real-world challenges using cloud and generative AI. By 2025, the centre successfully completed 67 projects to improve patient care, support learning, accelerate the identification of unknown RNA viruses, and more.

AWS Think Big Space Located in the Centre Lasallien, in Montreal: This space welcomes all learners to explore science, technology, engineering, arts and math, empowering them to pursue careers in these fields.

Investing in Canadian Skills Training: Since 2017, AWS has trained 495K+ Canadians in cloud, AI and technical skills through courses like AWS re/Start and AWS Fiber Optic Fusion Splicing. AWS offers over 900 free AWS Skill Builder courses including 135 artificial intelligence and machine learning (AI/ML) courses helping Canadians master in-demand skills at every level.

Community Impact

AWS Imagine Grant Canada: This fund supports registered charitable organizations that are using advanced cloud technology, including generative AI/ML, to accelerate their missions. Through its "Go Further, Faster" category, each Canadian recipient receives up to \$75,000 USD in funding and \$25,000 in AWS credits, along with crucial technical support to help create scalable solutions for their communities.

\$5M provincial & municipal cyber grant programme: We are investing \$5 million CAD in AWS credits to help provincial and municipal governments implement cloud-based cybersecurity solutions (September 2024).

Agriculture & Agri-Food Canada: AAFC collaborated with us to build cloud-based SAR satellite imagery processing for monitoring agricultural land use and tillage practices across Canada.

Canadian Centre for Cybersecurity: Assemblyline open-source malware detection tool now available on AWS Marketplace, protecting Canada's critical cyber assets.



Investing in Canada

In 2016, AWS opened its first data centre region in Canada, the AWS Canada (Central) Region in the greater Montreal area. In 2023, AWS opened the AWS Canada West (Calgary) Region, becoming the first major cloud provider to open a data centre hub in Western Canada. AWS offers more IT services from Canadian regions than any other cloud provider.

Over the past decade, we have invested billions of dollars building cloud infrastructure across Canada:

- **CA \$24.8 billion** expected investment by 2037
- **9,300 jobs** supported annually
- **CA \$42.3 billion** expected contribution to Canada's Gross Domestic Product (GDP)

