



Sustainability Fact Sheet

Brazil

OVERVIEW

ENVIRONMENT

COMMUNITY

ECONOMIC IMPACT

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

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 South America (São Paulo)	2023	2024	2025
Average PUE	1.18	1.17	1.14
Average WUE (L/kWh)	---	0.23	0.09

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

Water Stewardship in Brazil

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Water Replenishment Progress

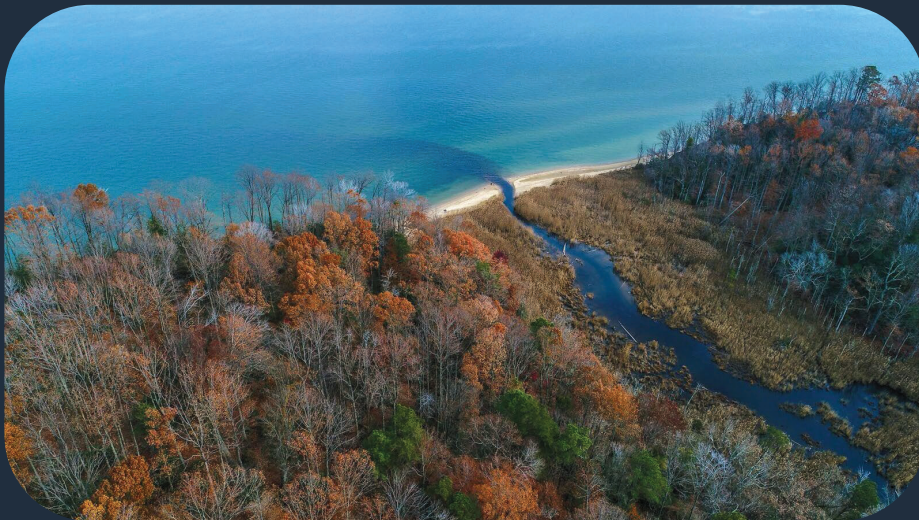
Beginning in 2024, we expanded water replenishment activities to include water treatment and filtration, wetlands restoration, ecosystem repair, and flood management improvement.

- **Kilimo AI:** We partnered with Kilimo in Brazil to monitor the Tietê River (São Paulo), calculating water consumption, monitoring soil quality, and providing irrigation recommendations to farmers — conserving 200 million litres of water annually.
- **Aganova:** A 10-year programme (from 2025) using AI-powered acoustic leak detection technology on AWS Cloud to identify water loss in São Paulo's distribution network — targeting 210 million litres of annual water savings.

Our Water Positive Commitment

In 2025, AWS withdrew 273,378,509 litres of water in São Paulo.

AWS is 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 are 75% of the way towards this goal. To learn more, see the [Amazon Water spotlight page](#).



Community Impact

AWS Skills to Jobs Tech Alliance: we launched the Tech Alliance in Brazil, connecting students with employment opportunities in the technology job market. As of October 2024, the programme has positively impacted more than 10,000 learners across the country. Initial education collaborators include Anima Group, YDUQS, Compass UOL, and Instituto Matera — expanding in 2025 with Intel, MKT55, SENAI São Paulo, and COGNA. The Alliance is increasing its presence in Brazil's north and northeast regions in response to growing employer demand.

AWS Women in Cloud: the programme has impacted more than 2,800 women in Brazil, trained more than 1,100 students in cloud computing courses, and connected participants with entry-level employment opportunities. Only 20% of the IT workforce in Brazil are women — the programme focuses on inspiring, motivating, and connecting women with cloud qualifications to jobs.

"With AWS Women in Cloud, I accelerated my career transition from design to technology by being hired by the largest cloud provider in the market."

— Paula Casarini, Solutions Architect, AWS Brazil

Community Impact

Fusion splicing workshops: we launched the AWS Fibre Optic Fusion Splicing Certificate Course at University Anchieta in Brazil in 2024 — hands-on training in critical infrastructure skills leading directly to employment opportunities with AWS fibre vendors.

AWS Education Equity Initiative: supporting exam prep solutions in Brazil as part of a \$100M global commitment for underserved learners.

Resilient Futures Fund — women-led climate solutions: Amazon co-founded the Resilient Futures Fund (managed by 2X Global) to invest in women at the forefront of climate innovation — \$11.83 million committed in catalytic capital, supporting 22 grantees and nearly 3,000 jobs.

Positive Ventures (Brazil): women-founded VC firm running a Climate & Gender Nexus pilot through Eureciclo, expanding recycling access and strengthening economic inclusion of women waste pickers.



Investing in Brazil

AWS South America (São Paulo): launched in 2011 — enabling businesses, government agencies, and startups across Brazil and South America to run workloads with low latency.

Brazil is Latin America's largest digital economy, and we support innovation across financial services, healthcare, agriculture, and government sectors. Brazil hosts approximately 67% of the region's data centre capacity.

Our local infrastructure investments create jobs in construction, engineering, telecommunications, and operations.