



Sustainability Fact Sheet

Australia

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AWS is building a more sustainable business in Australia, 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

According to a study commissioned by AWS and completed by Accenture, Australian organizations migrating compute-heavy AI workloads to AWS can reduce carbon emissions by up to 94% compared with on-premises data centres.

This is attributed to AWS's utilisation of more efficient hardware (24%), improvements in power and cooling efficiency (31%), and additional carbon-free energy procurement (39%).

Key Sustainability Metrics

AWS Australia (Sydney)	2023	2024	2025
Average PUE	1.15	1.16	1.14
Average WUE (L/kWh)	--	0.12	0.10

AWS Australia (Melbourne)	2023	2024	2025
Average PUE	1.08	1.07	1.07
Average WUE (L/kWh)	--	0.02	0.06

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

Renewable Energy

Our Investments in Australia

Local Projects

- In April 2026, Amazon signed nine new renewable energy PPAs in Australia totalling 430 megawatts (MW), with eight projects featuring solar generation co-located with battery energy storage systems (BESS). Battery storage is critical for grid stability — it firms intermittent solar generation and provides dispatchable power that benefits all grid users, not just Amazon.
- Amazon is investing in 20 renewable energy projects across Victoria, Queensland, and New South Wales.
- Once operational, our 20 renewable energy projects in Australia will provide almost 1GW (990MW) of new renewable energy capacity, enough to power the equivalent of more than half a million Australian households annually.

Scale of our Renewable Energy Investments

In 2025, BloombergNEF again recognized Amazon as one of the world's leading corporate purchasers of carbon-free energy, in addition to building the largest carbon-free energy portfolio of any corporation globally.

We have invested in over 700 carbon-free energy projects in 28 countries, with the capacity to generate 40+ gigawatts of electricity.

Water Positive Commitment

In 2025, AWS withdrew 207M litres in Sydney and 158M litres in Melbourne.

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 were 75% of the way towards this goal. To learn more, see the [Amazon Water Stewardship webpage](#).

Restoring Catchment Health and Enhancing Biodiversity in Australia

In 2019 and 2020, bush fires destroyed large areas of the watershed catchment that supplies water to Sydney. Amazon collaborated with the Great Eastern Ranges (GER) to implement activities including invasive species management, riparian restoration, and vegetation planting to enhance catchment health and water quality, benefitting local communities and nature by reducing polluted stormwater runoff, increasing groundwater recharge, enhancing local biodiversity, and supporting wildlife, including 15 endangered species in the affected area, such as the koala, Australasian Bittern, and the Bauer's Midge Orchid.

Enhancing Reclaimed Water Supply

AWS worked with Greater Western Water (GWW) to develop a solution to connect to their reclaimed water network, hence preserving potable water for community use while meeting cooling requirements. The Melton Recycled Water Plant will supply reclaimed water following advanced treatment processes that meet Class A reclaimed water standards. This is expected to be the first data centre in Victoria to use reclaimed water for cooling, and the first in Australia for AWS.

Supporting Australian Wildlife

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Conservation in Action

- Amazon's Right Now Climate Fund donated **AU\$2.5M** to help restore the eastern barred bandicoot — declared extinct in the wild since 1991 — through a three-year conservation project in Australia
- This funding enabled Cesar Australia and Odonata Foundation to complete a **world-first genetic rescue** by crossbreeding mainland Australian bandicoots with Tasmanian populations
- Bandicoots are ecosystem engineers — their burrowing improves soil health and **strengthens landscapes against flood and drought**
- Scalable '**500-in-5**' **recovery** model aims to establish 500+ animals across five dispersed sites, with methodology replicable for endangered species conservation globally





Supporting Indigenous Businesses

AWS provides tailored support, credits, and partnerships to Australian Indigenous small businesses and First Nations-led tech firms, focusing on digital capability and cloud adoption. Key initiatives include collaboration with local partners like Winyama Digital Solutions and Goanna Education, alongside programs like the Amazon First Nations Business Accelerator providing up to AUD\$9,578 in value. Amazon is also a member of Supply Nation in Australia as part of its Supplier Development and Impact (SDI) program



Community-Led Restoration

Following the Black Summer bushfires between late 2019 and 2020 that wrought havoc across Australia's east coast, Amazon collaborated with Greater Sydney Landcare (GSL) in collaboration with the traditional owners of the area, the Dharawal people, and the Wollondilly Shire Council, to restore the local natural environment. This community-based approach is how we engage with local communities as we support our leadership principle, Success and Scale Bring Broad Responsibility.

Investing in Australia

AU\$20 billion in investment

Total planned investment to expand, operate, and maintain data centre infrastructure in Australia from 2025 to 2029.

More than 400,000 people trained

Australians trained in cloud skills by AWS since 2017 through programs including AWS Work-Based Learning Program, AWS AI Spring Australia, and the AWS Generative AI Accelerator, empowering individuals to contribute to the nation's digital transformation and economy.

For more information, see our [blog](#) on Amazon's investments into Australia.