



Sustainability Fact Sheet

Israel

AWS is building a more sustainable business in Israel, 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 center. 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 Israel (Tel Aviv)	2025
Average PUE	1.27
Average WUE (L/kWh)	--

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

Water Stewardship in Israel

Israel's hot, arid climate makes AWS's innovative cooling technologies and water-efficient designs especially impactful.

Amazon committed ILS 370 million to Water.org: climate-resilient water and sanitation solutions for 100 million people

Our Water Positive Commitment

In 2025, AWS withdrew 10,571,203 litres of water in the AWS Israel (Tel Aviv) region.

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 page](#).





Scale of Carbon-Free Energy

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.

Energy Efficiency and the Transition

Climate-Adapted Infrastructure

Israel's growing solar energy capacity and national energy transition goals align with our carbon-free energy commitment

Israeli Chip Innovation

Annapurna Labs (acquired 2015): Israeli-designed semiconductor company developing AWS Graviton chips and AWS Nitro Controllers

- Graviton-based instances use up to 60% less energy for the same performance: a direct sustainability benefit from Israeli R&D
- AWS Trainium3 chips designed to be up to 40% more energy efficient than Trainium2



Community Impact

AWS GetIT Israel

- Launched in Israel in 2022., encouraging youth aged 13–15 in peripheral communities to pursue technology careers.
- Delivered technical education and AI training to +5,000 students over the past years.

AWS Floor28

- Purpose-built community space for industry events, workshops, and meetups
- Free, in-person technical and business guidance from AWS experts

Investing in Israel

AWS Israel (Tel Aviv) Region

Launched in 2023: enabling Israeli businesses, government agencies, startups to run workloads locally with low latency and data residency compliance

We have maintained a presence in Israel since 2014, including marketing offices, R&D centers, and the acquisition of Annapurna Labs (2015)

Offices in Tel Aviv and Haifa; CloudFront Edge Location services.

Driving Digital Transformation

ILS 26.6 billion (~\$7.2B) planned investment in the AWS Israel Region from 2023–2037

ILS 51.7 billion (~\$13.9B) projected contribution to Israel's GDP over 15 years

Job Creation

- 7,700+ full-time equivalent (FTE) jobs supported annually:
- 2,600+ FTE from direct effects (construction, software development, facilities, telecoms)

Construction activities rely on over 30 Israeli suppliers

We have agreed to re-invest 20% of the Nimbus contract's total value in local vendors through the Israeli Industrial Cooperation Authority