



## Sustainability Fact Sheet

# UAE

## AWS is building a more sustainable business in the UAE, collaborating 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.

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 Middle East (UAE)	2023	2024	2025
Average PUE	1.36	1.27	1.25

Power Usage Effectiveness (PUE) for data centres operated by AWS between January 1 and December 31 of each year.

## Community Impact

*AWS programmes have trained nearly **150,000 people** across MENAT, alongside continued investment in skills and access to opportunity across the region. These investments seek to build a highly skilled regional workforce to support a future generation of AI-native local businesses.*

*Initiatives include:*

- [AWS Skill Builder](#) provides +1000 free on-demand courses and launched in 2021, enabling learners in the UAE to build cloud skills.
- [AWS Academy](#) customers in the UAE include Higher Colleges of Technology (Abu Dhabi).
- [MBZUAI](#) signed a multi-year collaboration with AWS to advance AI research and skills (2025), enhance technical skills, and accelerate startup growth across the UAE and region. The partnership aligns with the UAE's National Strategy for Higher Education 2030, specifically supporting the Expanded Professional Experience initiative by connecting academic research with industry application through practical training and on-campus projects that expose students to real-world environments.
- [AWS and e&](#) announced the launch of a nationwide AI upskilling initiative “AI Nation – Afaaq Program” in the UAE that will train 30,000 individuals in cloud and AI technologies. The initiative is the latest development as part of a strategic US\$1 billion alliance between e& and AWS to accelerate digital transformation and talent development across the UAE.
- [Qudwatech](#), is a 12-week mentorship program designed to nurture Emirati women in technology at all career stages, providing opportunities for professional development, challenging and inspiring Emirati women entering the field or looking to enhance their skills.

# 101,010

Total learners in the UAE between 2017 to 2026 supported by AWS.

## Investing in the UAE

- **The AWS Middle East (UAE) Region** launched in 2022 with three Availability Zones. AWS previously launched CloudFront edge and Direct Connect locations in the UAE (2018) and brought AWS Outposts in 2020.
- **AWS plans to invest up to AED 20.1 billion** in the AWS Middle East (UAE) Region by 2037, supporting an average of approximately 6,000 full-time jobs annually at external vendors in the UAE and contributing an estimated AED 41 billion to the UAE economy by 2037.
- **Economic impact of cloud adoption:** Cloud adoption could unlock \$181 billion of additional economic value in the UAE by 2033.
- **The UAE cloud computing market alone** reached US\$4.1 billion in 2024 and is forecast to hit US\$23 billion by 2032.
- **According to AWS and IDC report:** [“Unlocking the Full Potential of AI in the Middle East”](#) finds that: 98% of organizations in KSA and UAE believe AI will profoundly transform their businesses. 88% of organizations that have already invested in AI report improved business performance. 28% are currently investing in AI, with another 50% planning to invest, indicating a total adoption/planning rate of 78%.
- **According to [independent research](#) commissioned by AWS**, the UAE leads the GCC in AI maturity and adoption, with the highest uptake across business functions and 44% of organizations operating advanced, embedded AI models—underscoring its innovation-driven, AI-first strategy.