

Reducing the environmental impact of enterprise IT with Lenovo TruScale

Hover on the **i** in each section to learn more



IT departments are under increasing pressure from all directions to improve sustainability — while still pursuing digital transformation efforts.

350,000,000 tons

Enterprise technology is responsible for emitting about 350 to 400 megatons of carbon dioxide equivalent gases (CO₂e).¹



62%

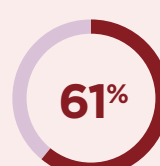
Nearly two-thirds of CIOs find reaching sustainability goals challenging for their organizations.²

24%

Nearly a quarter of CIOs say that investment in digital transformation supports their sustainability/ESG initiatives.²

Sustainability matters to everyone

From the boardroom to the consumer, everyone is looking at how companies position themselves with regard to environmental practices.



More than half of consumers feel that technology companies should prioritize reducing packaging waste.³

Lenovo TruScale — a smarter way to unite technology and sustainability

Equip your organization for agile growth and strengthen your sustainability efforts.

Lenovo TruScale Device as a Service

100%



of our commercial notebooks (ThinkPad) and desktops (ThinkCentre) are **ENERGY STAR** certified.

35%

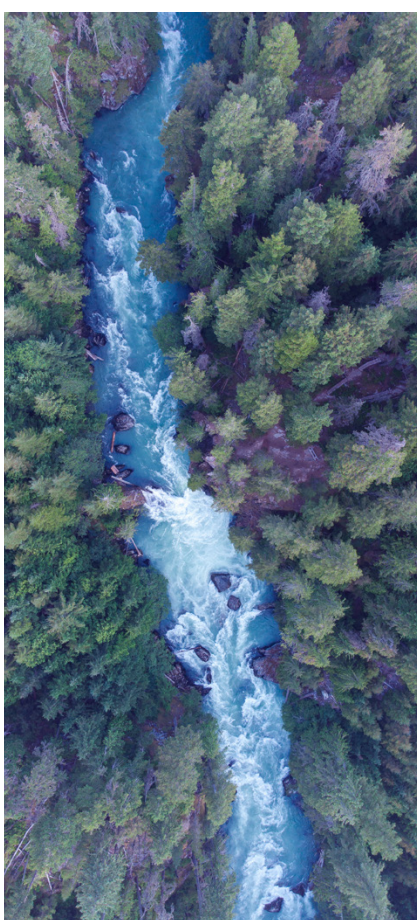
50%

TruScale DaaS delivers up to a **35% potential reduction** in device-related IT costs⁴ and **50% faster** time to productivity.⁵

100%



Packaging on select Lenovo products is **100% rapid-renewable** and made from bamboo and sugarcane fiber.



Lenovo TruScale Infrastructure as a Service

20%

Reduce data center CO₂ emissions and power consumption by **up to 20%**.⁶



75%

Lenovo's rack integration provides servers pre-installed and shipped in the rack, reducing the packaging material needed and delivering **75% faster time** from arrival to production readiness.⁷

Your trusted partner on the road to smarter sustainability

Lenovo is committed to making a measurable and meaningful difference when it comes to the environment.

2050

Lenovo is committed to reaching **net-zero emissions by 2050** with net-zero targets validated by the Science Based Targets initiative.⁸

3x

We've **tripled our generation of solar energy** since 2018 with solar energy installations at factories and offices around the world.⁹

1,000,000+

To date, Lenovo has helped commercial customers offset **more than one million metric tons of CO₂** through our CO₂ Offset Services.⁹



Nearly 300

of our products include **recycled plastic** from end-of-life IT and electronics.⁸

29,000

In 2021, Lenovo ARS and product take-back programs resulted in **29,000 metric tons** of products collected for recycling and reuse.^{7,8}



Lenovo is your trusted sustainability partner to deploy innovative technology and services that modernize your operations and reduce your carbon footprint.

Contact your representative today to learn more about how Lenovo can help, no matter where you are on your sustainability journey.

Sources

- McKinsey, "The green IT revolution: A blueprint for CIOs to combat climate change," September 2022
- Lenovo's Global Study of CIOs, 2023
- ERM, "The Ongoing Evolution of Sustainable Business 2023 Trends Report," 2023
- Lenovo TruScale DaaS ROI Tool. This is a sample representation of Lenovo customer data assuming a 3-year replacement cycle with a modern management approach at an average DaaS monthly price, device repair rate of 2%, and IT resource annual salary of \$70,000 USD. The above does not constitute a guarantee of savings. Actual customer savings may vary. All purchases of DaaS are subject to conclusion of a formal contract.
- Based on reduced steps of deployment with Lenovo UEM, per the UEM customer-facing deck.
- TruScale IaaS accurately reports on power and CO₂ emissions, allowing managed infrastructures to be designed, implemented, and tuned not only for performance and capacity but also for CO₂ emissions. Ongoing monitoring of the system using Lenovo XClarity Power Monitor and systems performance figures are used to optimize power consumption by the infrastructure. CO₂ emissions are calculated based on the localized carbon footprint of the power source used.
- Lenovo internal source, 2023
- Lenovo, 2023 Sustainability Report
- Lenovo, "Lenovo CO₂ Offset Services Surpasses 1 Million Metric Tonnes of Carbon Offsets Milestone, as More Businesses Champion Sustainability Practices," October 2022

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Smarter
technology
for all

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