



Smarter
technology
for all

Lenovo

Providing a smarter way forward

Building a brighter
future for our customer,
communities, and planet

At Lenovo, we're focused on providing smarter technology that builds a brighter, more sustainable future for our customers, colleagues, communities, and the planet. We've been thinking smarter to contribute to a sustainable future, emphasized by our environmental, social, and governance (ESG) efforts.

When world-class technology solutions are created through environmentally responsible practices, deliver reliable and lasting value to users, and move toward a circular economy, everyone wins.

"We believe innovation must serve the purpose of a better life for humanity — more inclusive, more environmentally friendly, and constantly changing for good."

Yang Yuanqing
Chairman and CEO
Lenovo



5 key focus areas for a more sustainable future

Sustainable packaging

Packaging isn't an afterthought at Lenovo. It's an opportunity to lead the industry in efficiency and sustainability.



Our lighter bio-based (bamboo and bagasse) packaging reduces the overall package size, which also results in a 6.7% efficiency improvement in transportation CO₂ emissions.



The ThinkPad® packaging team developed an ingeniously designed box that eliminates the need for sealing tape. This design will be phased in to more products in the future to further reduce our use of plastic tape.

Since 2008,
we've eliminated
more than
3,100 tons
of packaging
by weight.



Energy conservation/ carbon mitigation

We're taking a science-based approach to maximize conservation and minimize greenhouse gas emissions in measurable and meaningful ways.



We reduced greenhouse gas emissions 92% through energy efficiency projects, renewable energy installations, and renewable energy commodity purchases.



By 2025, 90% of the electricity for our global operations will come from renewable sources, and we will remove 1 million tons of greenhouse gas emissions from our supply chain.



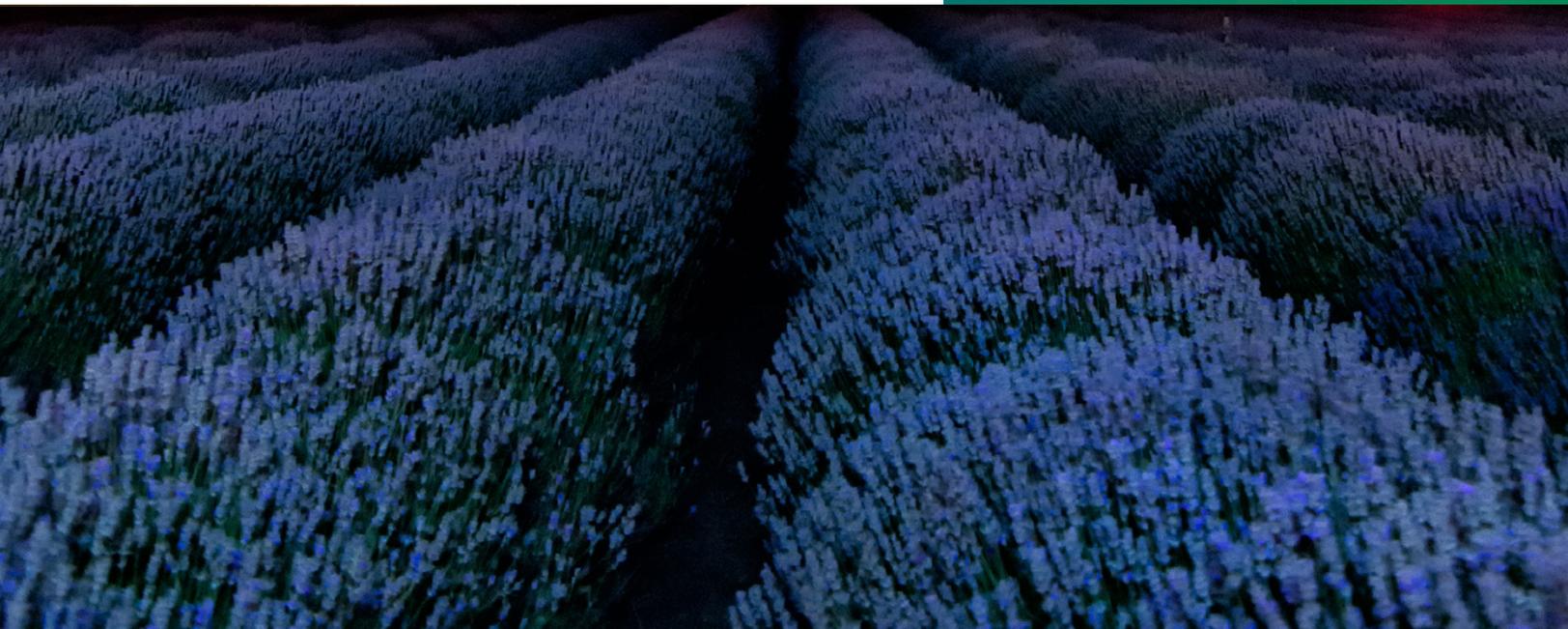
Our partners share our commitment. Intel®, a top EPA-ranked green power user,¹ returns 80% of the water they use.



We pioneered an innovative low-temperature solder technology — and shared it with the industry for free to ensure the greatest long-term global benefit. On our ThinkPad and laptop lines alone, this technology saves the CO₂ emissions equivalent of 670,179 gallons of gasoline per year.



Lenovo
laptops will be
30% more
energy-efficient
by 2030.¹



Innovative use of recycled materials

Lenovo is an industry leader in using post-consumer recycled content (PCC) plastics and closed-loop PCC (PCC sourced from end-of-life IT and electronics equipment) in the manufacture of our devices and accessories.



So far, we've used more than 110 million pounds of net recycled plastic and 12 million pounds of closed-loop recycled content in our products and packaging.



66 Lenovo products are made with closed-loop PCC recycled materials.



We collaborated with Sony Semiconductor Solutions Corporation to develop a PC adapter with an industry-leading 90% PCC.

Circular economy

We're committed to maximizing value throughout a product's lifecycle and keeping end-of-life products out of landfills.



Reverse supply chains help us reintegrate products and parts that still have life or that can be repaired or refurbished for further use.



Our product takeback programs make it really easy for many customers around the world to recycle their old devices, batteries, and packaging.



We sustain demand for recycled electronics by using closed-loop PCC in our own products.



The **X1 Carbon** 7th Generation was the first Lenovo laptop made with closed-loop PCC recycled content.

Since 2005, Lenovo has processed more than **257,766 tons** of computer equipment for recycling and reuse.



Social impact

As a provider of world-class technology solutions, we believe we have a responsibility to serve our global community.



Inclusive design experts are vetting our products to ensure they work comfortably for everyone.



Intel® Core™ vPro® processors used in Lenovo ThinkPad products are made with conflict-free minerals.



Lenovo Foundation will have benefitted 5 million individuals around the world by 2025.



By 2025, **75%** of Lenovo products will be vetted by inclusive design experts to ensure they work for everyone, regardless of physical attributes or abilities.

Learn more about our environmental, social, and governance (ESG) efforts at www.lenovo.com/esg.

¹ <https://www.epa.gov/greenpower/green-power-partnership-top-30-tech-telecom>

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