

ThinkPad Portfolio and Sustainability Overview

ThinkPad

Lenovo

Our Promise

For 30 years, we've made ThinkPad the world's best laptop—but we've never been content to just stop there. Our teams have poured thousands of hours into innovations in manufacturing, materials, energy use, servicing, and packaging to create the world's most environmentally friendly laptop. Our numerous industry certifications attest to our work, but we are still driving to reduce the carbon footprint of every single system.

We haven't stopped innovating for 30 years. In fact, we're innovating faster than ever for our customers, for our world, and for the generations who will follow.



2030 Science-based Climate Targets



**REDUCE SCOPE 1 & 2
EMISSIONS BY 50%**



**REDUCE EMISSIONS
INTENSITY IN THE VALUE CHAIN
(SCOPE 3) BY 25%**

A Leader in Sustainability

Lenovo



#1
Hang Seng
Corporate Sustainability Index

Received highest IT industry rating on 2021 Hang Seng Corporate Sustainability

INDEX (AA+)



epeat
GOLD

EPEAT Gold registration (in US) for all ThinkPads



ENERGY STAR

All ThinkPads ENERGY STAR® certified



TCO
CERTIFIED

TCO v9 on all new (FY22) products

Lenovo Sustainability Services



CO₂ OFFSET SERVICE

Lenovo calculates carbon emissions of its PCs across their lifecycles. Customers purchase carbon offset credits based on calculated emissions, and these are contributed to UN Climate Action partner.



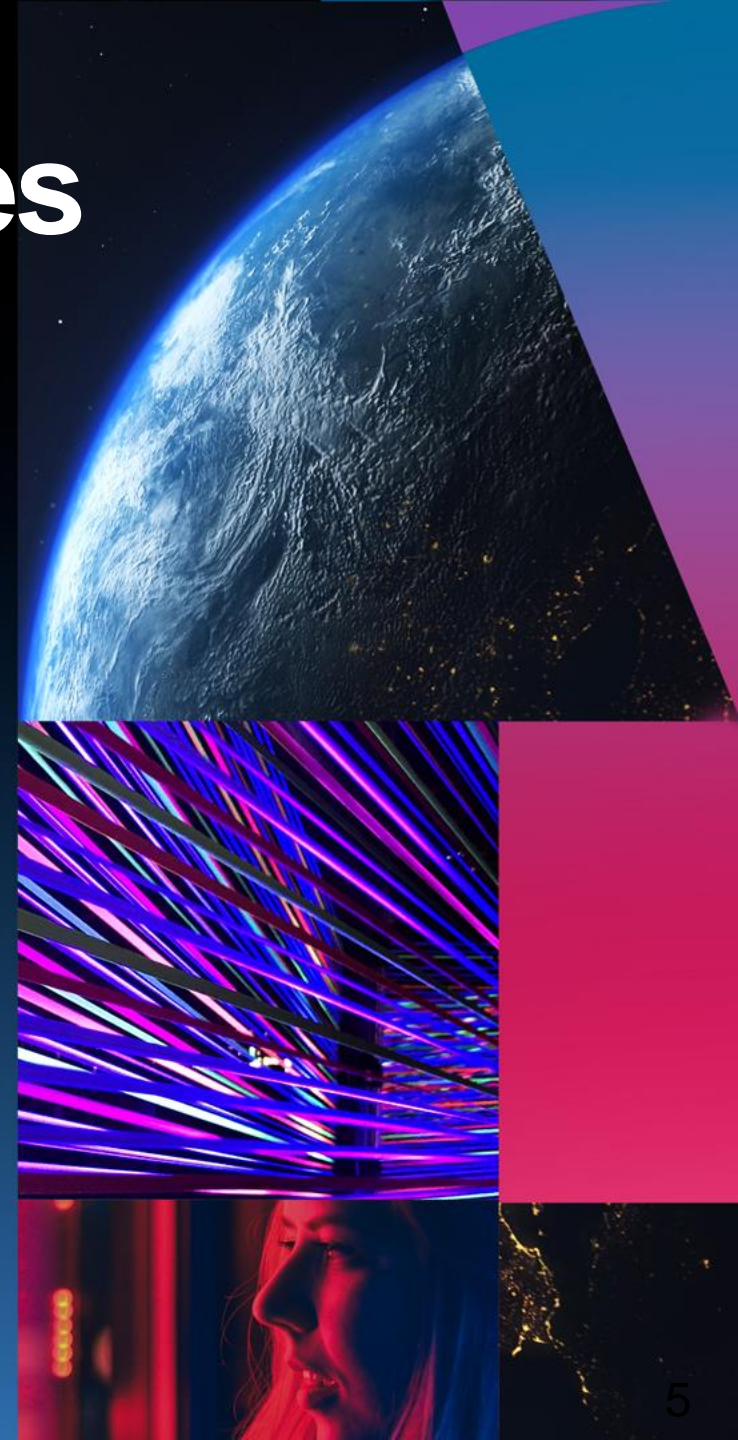
ASSET RECOVERY SERVICE (ARS)

Mitigate environmental and security risks associated with end-of-life IT assets and data through a customized single-source solution for secure, documented disposition.



BULK PACKAGING SERVICE

Package multiple like-devices together to minimize the amount of material used without jeopardizing the integrity of packaging needed for shipping protection.





Low-temperature solder

- Lenovo invented the low-temperature solder process to conserve energy, increase reliability, and lower carbon emissions.
- Then we gave away this innovative technology to our industry for free.



4,740

METRIC TONS OF CO₂
SAVED PER YEAR.

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Post-Consumer Content (PCC)

We're the leading PC manufacturer in total recycled content plastic, using more than 112 millions pounds of net recycled plastic in products and packaging.

Lenovo



We use PCC material in 100% of our ThinkPad portfolio

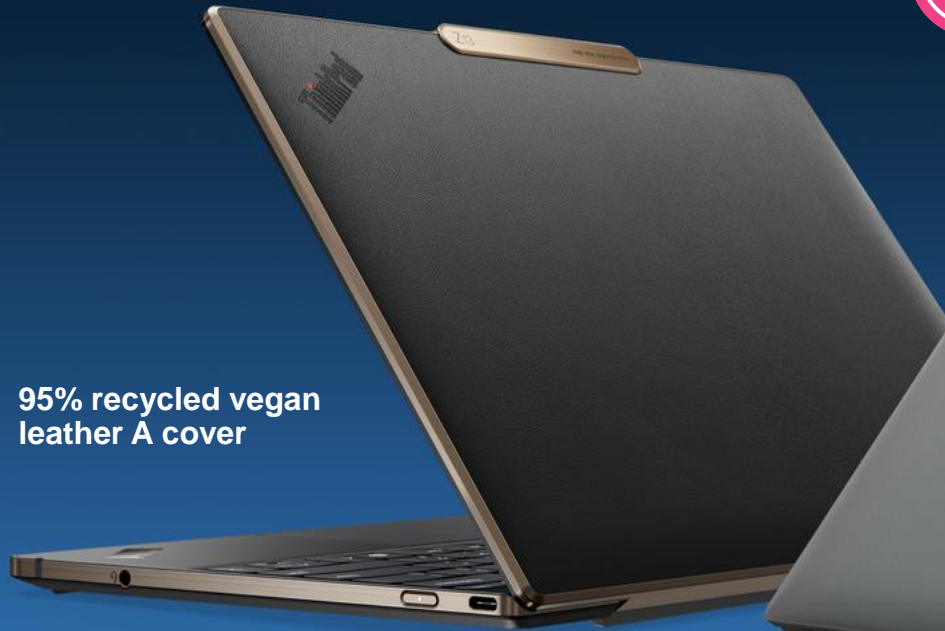


Recycled Metals

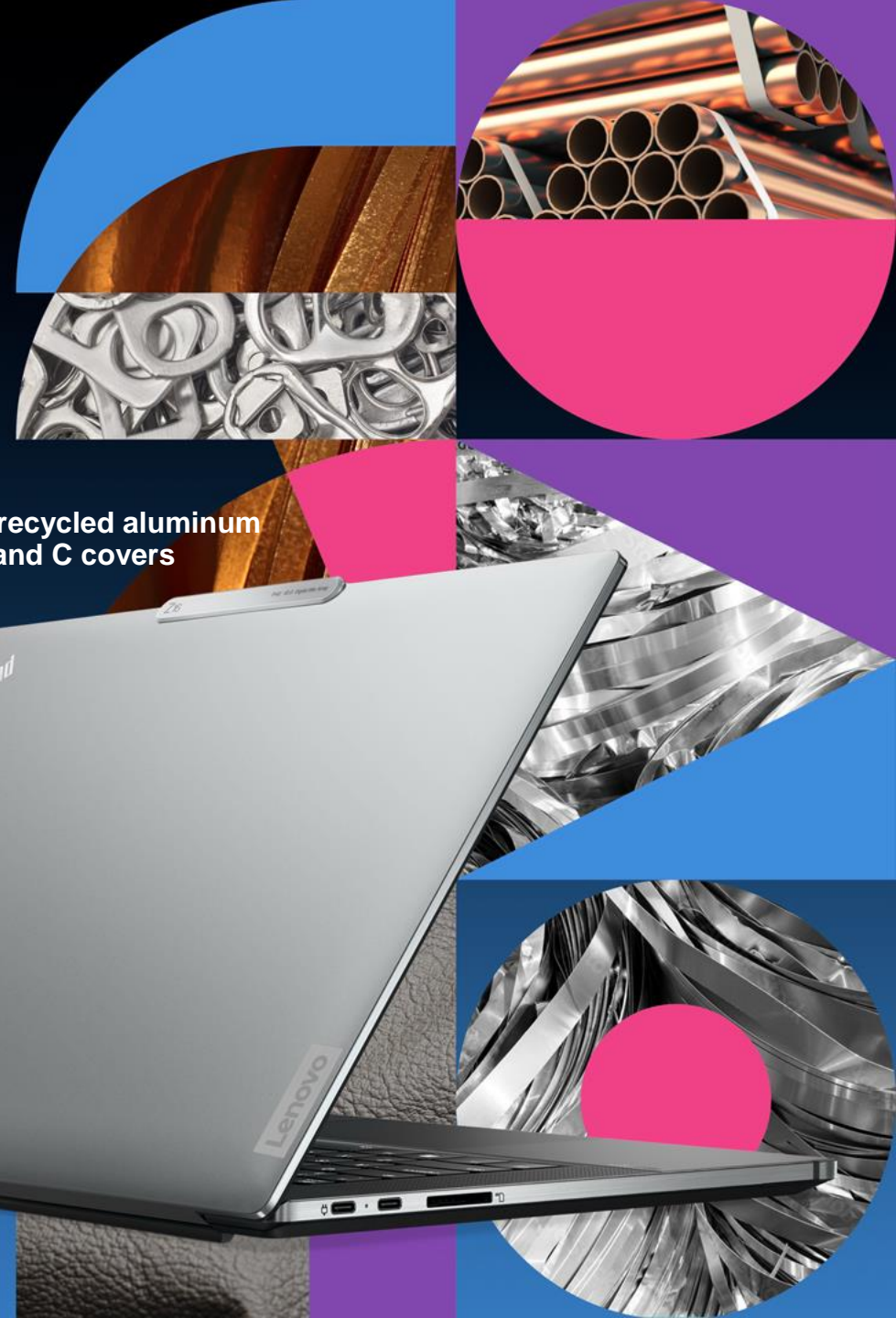
Lenovo uses recycled metals and materials on X and the newly launched Z Series, and we will continue to increase recycled metals and materials in future products.



95% recycled vegan leather A cover



75% recycled aluminum in A and C covers



Low-power Displays

The monitor is the largest energy consumer in any system. Our big, beautiful screens are also energy efficient, as we now use low-power displays on 75% of our ThinkPad products. Plus, the use of AI with Computer Vision allows us to reduce our energy consumption even further.

ThinkGreen Packaging

We're a proud leader in innovative packaging with bio-based packaging that is lighter and reduces the overall package size.



All boxes contain at least 50% PCC recycled content



95% of ThinkPad products use recycled cushioning materials



Corrugated box packaging averages 70% recycled content



Bulk packaging service minimizes material used without jeopardizing protection



Retail box for X1 and Z Series products use sustainable bamboo/sugarcane



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