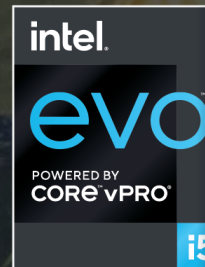


Smarter technology for all

# Building a smarter future for our customers, colleagues, and the planet

The Lenovo Commercial environmental,  
social, and governance (ESG) story

Lenovo





# Environmental, social, and governance (ESG)

At Lenovo, our **commitment to value** expands beyond the delivery of industry-leading technology solutions.

We're **thinking smarter** — about our customers, our communities, and our planet.

Our environmental, social, and governance (ESG) efforts are focused on **a smarter view of value for a more resilient way forward.**



# Environmental, social, and governance (ESG)

## That means engineering solutions that:

- Are manufactured with innovative technology that minimizes the carbon footprint.
- Consume less energy during use.
- Are designed to last longer.
- Are simpler to maintain and deploy.
- Maximize the use of recycled and recyclable materials.
- Utilize innovative, sustainable packaging.
- Support a circular economy.



# Environmental, social, and governance (ESG)

Through focused efforts in **five key areas**,  
we're helping to build a more sustainable future.

1

Sustainable  
packaging

2

Energy conservation/  
carbon mitigation

3

Innovative use of  
recycled materials

4

Circular  
economy

5

Social  
impact

# 1. Leading the way in innovative packaging

At Lenovo, packaging isn't just a way to get finished ThinkPad® laptops from our manufacturing facility safely into our customers' hands.

It's an opportunity for our innovative packaging engineers and designers to **reduce the environmental impact of packaging and logistics.**



# 1. Leading the way in innovative packaging

By minimizing waste and using sustainable materials, we've **eliminated more than 3,100 tons of packaging** by weight since 2008.



Lighter, bio-based packaging results in a **6.7% efficiency improvement** in transportation CO<sub>2</sub> emissions.



Tapeless boxes help **reduce our use of plastic tape.**

## 2. Improving energy conservation and reducing carbon emissions

There's no way around it — designing, developing, building, and delivering world-class devices takes energy.

The challenge is, how can we maximize our conservation and minimize greenhouse gas emissions in specific, measurable, and meaningful ways?

## 2. Improving energy conservation and reducing carbon emissions

### It all starts with science.

Our newest emission reduction targets have been approved by the **Science Based Targets initiative (SBTi)**.

This means they've been externally verified to support global scientific goals, such as the Paris Agreement, to limit the global temperature increase to 1.5 degrees Celsius above pre-industrial levels.



## 2. Improving energy conservation and reducing carbon emissions

**92% reduction**

We exceeded our first-generation target (2010–2020) of **reducing greenhouse gas emissions by 40%** one year ahead of schedule and achieved a **92% reduction**.

## 2. Improving energy conservation and reducing carbon emissions

**With our second-generation science-based targets,  
by 2030 we will:**

- ✓ **Reduce Scope 1 and 2 emissions by 50%.**
- ✓ **Reduce Scope 3 emissions by 25% from a 2019 base year for three key categories.**
- ✓ **Obtain 90% of the electricity for our global operations from renewable sources.**
- ✓ **Eliminate 1 million tons of greenhouse gas emissions** from our supply chain by 2025.
- ✓ **Achieve a 30% improvement in the energy efficiency of our laptops** [\(read more about our approach\)](#).

In certain geographies, enterprise customers have the option to offset the remaining product carbon footprint (PCF) of any eligible commercial Think-branded device through Lenovo CO2 Offset Services.



## 2. Improving energy conservation and reducing carbon emissions

Our innovative **low-temperature** solder technology conserves energy, reduces carbon emissions, and **improves device reliability**.



To date, we've shipped **27 million Lenovo laptops** manufactured on low-temperature solder lines.



Estimated annual savings: **5,956 tons of CO<sub>2</sub>**, equal to conserving **670,170 gallons of gasoline per year**.

Sustainable suppliers: Intel's water management efforts return approximately 80% of their water use back to their communities.

### 3. Innovative use of recycled materials

**We're proud to be an industry leader in using post-consumer recycled content (PCC) plastics, like water bottles and other used consumer products, in the manufacture of our laptops, desktops, workstations, monitors, and accessories.**



### 3. Innovative use of recycled materials

**2005**

Since 2005, we've used more than **110 million pounds** of net recycled plastic in products and packaging manufacturing.

**2018**

Since 2018, Lenovo has used over **12 million pounds of closed-loop recycled content.**

**2020**

In 2020, we collaborated with Sony Semiconductor Solutions Corporation to develop a new PC adapter with an industry-leading **90% PCC.**

**2025**

By 2025, 100% of PC products (excluding tablets and accessories) will contain materials made from post-consumer recycled content materials.



## 4. Circular economy

**Thinking smarter about value means transitioning to a circular economy — one that maximizes value throughout a product's lifecycle in order to minimize raw material use and waste generation.**



## 4. Circular economy

To that end, we are working to:



Maximize our products' lifespans through repairability initiatives.



Maximize their value through our Device as a Service (DaaS) initiative.



Recover remaining value at product end of life through our product takeback programs (PTBs), such as Asset Recovery Services, which are tailored to specific locations and business needs.

All these initiatives help reduce the volume of end-of-life electronic products being disposed of in landfills and the need for new raw materials.



## 4. Circular economy



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



By 2025, 84% of repairs will be able to be done by customers without having to send their PC to a service center, and **76%\*** of PC parts returned to our service center will be repaired for future use.

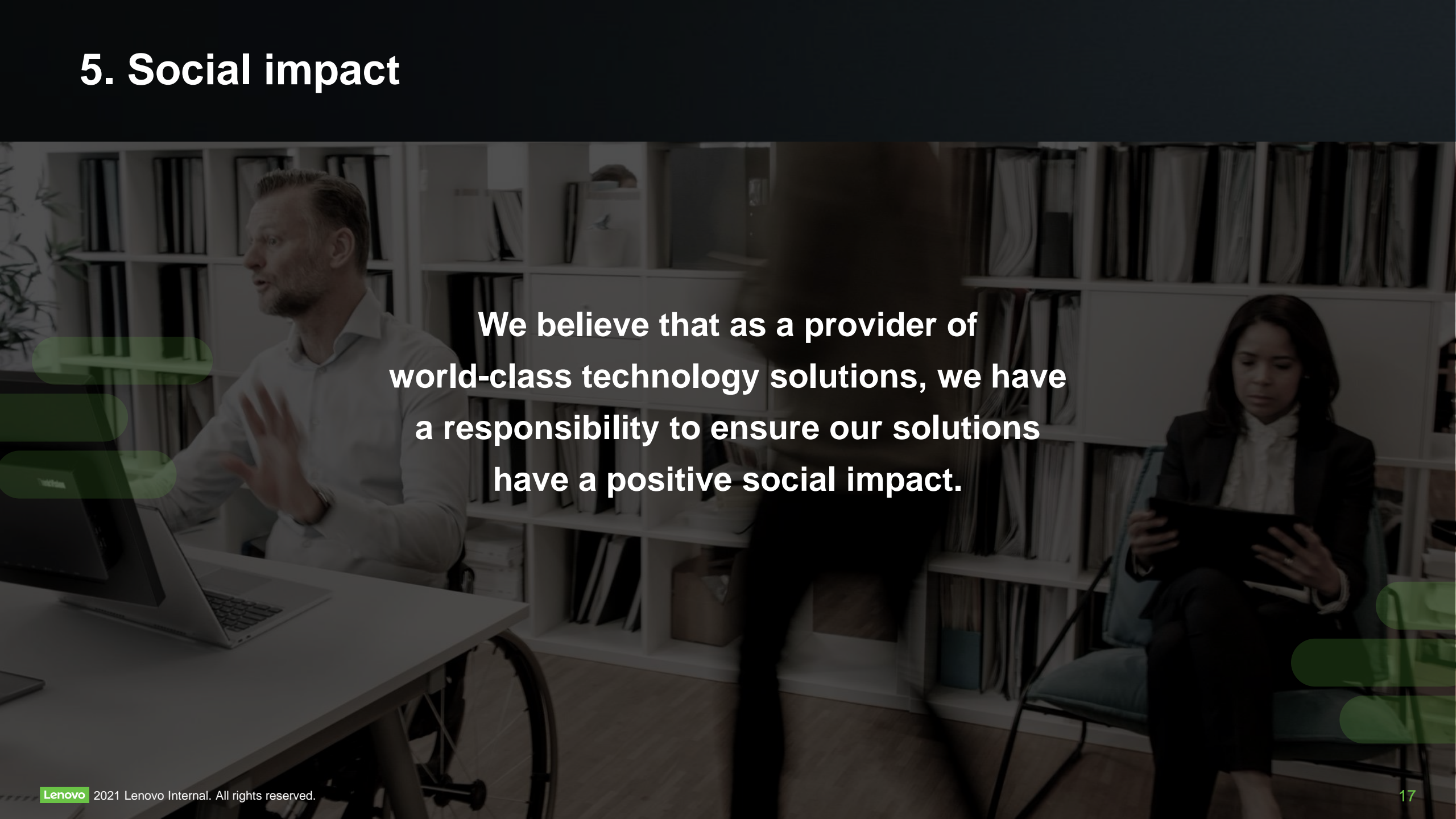


By 2025, Lenovo will have enabled the recycling and reuse of **800 million pounds** of end-of-life products since 2005.

\*By value.



## 5. Social impact

A man in a white shirt is seated in a wheelchair at a desk with a laptop, gesturing with his hands. A woman in a dark blazer is seated to his right, looking at a tablet. They are in a room with tall bookshelves filled with books. The image has a dark overlay with green decorative shapes on the left and right sides.

**We believe that as a provider of world-class technology solutions, we have a responsibility to ensure our solutions have a positive social impact.**

## 5. Social impact

75%

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

100%

We're proud that Lenovo ThinkPad products use the Intel® Evo™ platform, powered by Intel® Core™ vPro® processors that are made with **100% conflict-free minerals**.

5 million

By 2025, the Lenovo Foundation will have **benefited 5 million people** across the globe.



**thanks.**

**Lenovo**