

Planning and procuring for a more sustainable organization



Smarter
technology
for all

Lenovo

Environmental sustainability is now a top-10 business priority for CEOs.¹

And Gartner predicts that by 2025,



50%

of CIOs will have performance metrics tied to the sustainability of their IT organizations.²

With this heightened urgency and visibility, it's increasingly important for tech leaders to embrace sustainable practices in the technology they select and the supply chain that provides it.



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Environmentally conscious IT operations can also support, complement, and strengthen the enterprise's overall sustainability program, contributing to positive business outcomes:



Regulatory compliance



Employee recruitment and retention



Customer brand loyalty



Cost savings

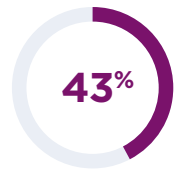


Shareholder value

But for this to happen, there must be cross-functional technology-business collaboration and an integrated sustainability strategy. Some feel the growing importance of environmental, social, and governance (ESG) practices could be the catalyst for this alignment.³

Hover on the **i** throughout this e-book to learn more.

One of the most important needs for IT expertise is in gathering and managing data. Any sustainability initiative must start with a baseline against which organizations can set targets and track progress. This has been a challenge. In fact,



Only 43% of executives are aware of their organization's IT footprint.

And nearly half of IT professionals say that difficulty evaluating that footprint is a barrier to sustainability initiatives.⁴



nearly 50%

IT is also sometimes caught between the need for more data, therefore more compute power, and the resulting increase in energy consumption. It's a balancing act and a motivator to seek out innovative solutions that can accomplish both.

As IT leaders move forward with digital transformation, there are opportunities to match those initiatives with technology that will support the overall enterprise strategy.

Boston Consulting Group (BCG) believes that when companies broaden their thinking about how to advance sustainability, technology can act as a "major accelerant."

They call this mindset the "technology ecoadvantage" — defined as using advanced technologies and ways of working to enable profitable solutions that also have a positive impact on net-zero and other ESG goals.

Discover how an 80,000-person organization could reduce its emissions by 45%–70%.



From pledge to plan: Sustainable options, end to end

You have choices to implement technology that promotes sustainable practices and benefits at each stage of your technology lifecycle, from purchase to end of life. Here are some things to keep top of mind as you plan and make decisions about how you buy, how you use, and how you return your next IT solutions.

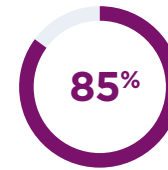


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How your technology is made and shipped

Sustainability has joined the ranks of performance and price as a top factor in business decision-making. In fact,



85%

of survey respondents have passed on potential suppliers due to ESG-related concerns.⁵

Although currently a challenge, savvy buyers are seeking ways to gather and verify this kind of information as far along their supply chains as possible.

Things to think about...

- ✓ Look for technology designed with sustainability in mind from the get-go. Future-forward companies are building in things like repairability and recyclability.
- ✓ Seek out companies that forgo the use of virgin resources in favor of the broad range of recycled materials now available, particularly plastics.
- ✓ The same goes for **packaging materials**. In addition to recycled cardboard, rapid-renewable materials are now being used, and many companies are making a commitment to **plastic-free packaging**. Hand in hand with packaging are fuel-conscious loading options and the growing use of sustainable aviation fuels (SAF).

How your technology is used

Climate actions can be everyday steps or special initiatives, individual motivations or shared enterprise vision.

Go for the gold

Every Intel-based ThinkPad®, including the X1 Yoga, powered by Intel vPro®, An Intel® Evo™ Design, is gold-rated by the Electronic Product Environmental Assessment Tool (EPEAT).* And all vPro® devices come with Intel® AMT (Active Management Technology) that can save about **\$25 to \$75** per PC compared to systems without energy management software.



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Things to think about...

- ✓ Did you know? Depending on usage, **ENERGY STAR**®-labeled computers use 30%-65% less energy.⁶
- ✓ Educating and training your workforce is an important success booster. Collective steps toward a common objective create a culture of sustainability and give employees the purpose and meaning they increasingly seek in the workplace.
- ✓ Using smart power strips and taking advantage of PC features like low power mode and sleep are simple end-user measures with cumulative impact. Turning devices off at the power strip eliminates so-called “vampire” (standby) power, a surprisingly large consumption factor.



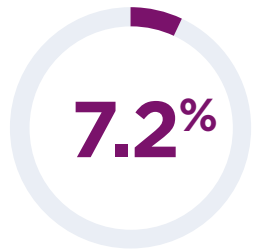
Software applications that help employees use their PCs more efficiently heighten awareness of energy consumption and reinforce habits aimed at reducing it.



Carbon offsets are a good fit for some organizations.

How your technology is returned

The **circular economy** is about reducing waste and extending usability. It's about transitioning away from today's linear economy to a design-use-return model.



Our world is only 7.2% circular and trending downward.⁷



50M

tons of e-waste are dumped per year — equivalent to 1,000 laptops per second.⁸



89%

of organizations recycle less than 10% of their IT hardware.⁴



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Things to think about...

- ✓ A vendor with strong technical support will keep your devices at peak performance longer. Look for fast, high-quality repair services that minimize costly downtime.
- ✓ Flexible, extended warranties, refurbishing, and recertification services also prolong usability.
- ✓ Hardware-agnostic asset recovery services are a valuable resource to mitigate end-of-life security risks, recover value through buybacks, and dispose of any e-waste responsibly.

As-a-service models optimize and modernize resourcing

Innovative pay-as-you-go structures align technology with your organization's demands, eliminating overprovisioning and scaling as you grow. You can shift CapEx to OpEx with a predictable monthly fee and **manage your devices** and carbon footprint more efficiently, including end-of-life asset disposal — all while giving your workforce the latest technology.



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Finding the right tech partner to join you on the journey

“Procurement leaders who take bold action can make a decisive difference in sustainability.”

McKinsey



Emission Scope definitions make it clear that organizations' environmental impact is not all under their direct control. So, vetting vendors is an urgent priority — and, when it comes to technology purchases, one that will be increasingly shared by IT and procurement. Here's a quick checklist to guide your selection.

- ✓ Technology and environmental leader that walks the talk and shares your sustainability vision
- ✓ IT innovator that solves both business and environmental challenges
- ✓ Trusted partner throughout the solution lifecycle
- ✓ End-to-end solution provider that delivers hardware, software, and services

Walking our talk

Lenovo is committed to achieving net-zero greenhouse gas emissions by 2050, with science-based targets validated through the Science Based Targets initiative (SBTi) Net-Zero Standard. We are the first PC and smartphone maker to have a net-zero commitment validated by SBTi.

Like-minded partners

We are proud to partner with Intel® to deliver PCs like the ThinkPad® X1 Carbon, powered by Intel vPro®, An Intel® Evo™ Design, built for what IT needs and users want.



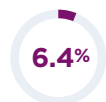
Intel® was ranked **#1** in 2022¹⁰ and **#2** in 2023¹¹ in Barron's "America's 100 Most Sustainable Companies" report.



107% (by volume) of the water Intel® uses is returned to communities and the environment, with the goal to be water positive by 2030.¹²



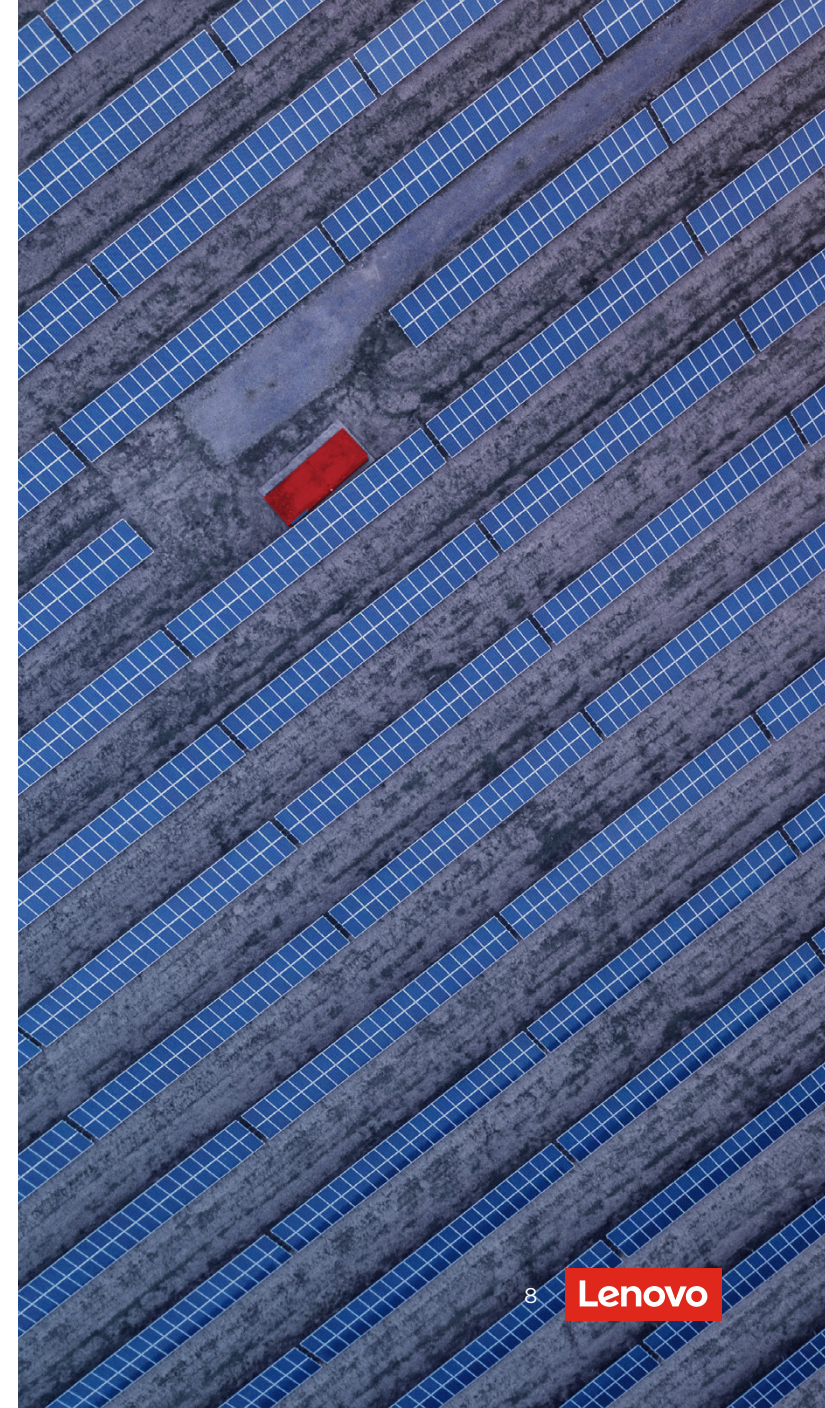
of the electricity Intel® uses globally is renewable, with the goal to use 100% renewable energy for all global operations by 2030.¹²



Only **6.4%** of Intel® waste went to landfills in 2021, and the goal is zero waste to landfills by 2030.¹²



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Lenovo's tailored solutions equip and empower you to pursue your sustainability goals and help you reduce waste, better manage your carbon footprint, and keep resources circular. We deliver devices, infrastructure solutions, and sustainability services from our broad portfolio, working closely with you to support your target outcomes across the IT lifecycle.

To learn more about Lenovo sustainability solutions, visit www.lenovo.com/Sustainability-Solutions.

Sources

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- 7 Circle Economy and Deloitte, "The Circularity Gap Report," 2023
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- 9 McKinsey, "Buying into a more sustainable value chain," September 2021
- 10 Barron's 100 Most Sustainable Companies, February 2022
- 11 Barron's 100 Most Sustainable Companies, February 2023
- 12 Intel, "Corporate Responsibility Report," 2022-23

* EPEAT® Gold, registered in the US, Canada, and Germany.

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