

Your #1 priority:
Sustainable education

**Smarter
technology
for all**

Lenovo

 **Microsoft**

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Explore

Across Europe, higher education institutions like yours have an important part to play in addressing the climate crisis. Partly through the vitally important teaching and training you provide young people. But also by making every process within your institution as environmentally friendly as possible.

This has become especially relevant following the creation of a six-point plan by the European Commission.



In it, the European Commission has called for:

- Learning for the green transition and sustainable development to become a priority in education and training
- All learners to have opportunities to learn about the climate crisis and sustainability in both formal and non-formal education
- National and EU funds to be invested in green and sustainable equipment, resources and infrastructure
- Educators to be supported in developing the knowledge and skills to teach the climate crisis and sustainability
- Supportive learning environments for sustainability that span all activities and operations
- Students and staff, local authorities, youth organisations, and the research and innovation community to work together on sustainability learning initiatives

Educators always knew what research is now proving: students care for the environment and want to protect it. Research shows that young people are increasingly committed to living sustainable lives.

82%

the proportion of prospective international students that said it was important for them to live sustainably

45%

of students would use sustainability as a differentiator between institutions when choosing where to study

Some students 'would pay higher fees for sustainable university'
| Times Higher Education | 2022

Experience

We all know that sustainability is a complex challenge. Some emissions may be under an institution's control, while others not.

Hybrid learning and the increased use of devices by both students and staff may burden IT teams and push sustainability goals further down the list. While the disposal of old equipment can pose a particular challenge.

Improving sustainable behaviours within an establishment calls for a truly collaborative effort, involving not just the institution itself, but all those involved in its operation.



Envision

We also understand that there is no magic bullet for sustainability. No single solution provider can offer you the comprehensive support needed to make the lasting changes you want to see. That's why we've teamed up with Microsoft. With a partner that's removed 2.5 million tonnes of carbon from the environment, we know that our collaboration means better sustainability outcomes for your university.

Lenovo offer a portfolio of products and devices engineered to meet the needs of the education sector. That means you can count on us for laptops, desktops, servers and more that are energy-efficient and built to last. While Microsoft has a range of complementary products and services that run seamlessly on Lenovo devices.

- Software like Microsoft 365 helps staff collaborate productively – so you can cut out unnecessary travel and overtime. To top it off, Lenovo devices are designed to be repaired on premises, so there's no need to transport them either
- You can reduce your university's carbon footprint by up to 98% by working in the cloud, instead of storing data on-premise. Microsoft cloud solutions use resources sustainably – that means you automatically reduce your resource consumption and operating costs
- Windows 11 runs efficiently on, power-efficient Lenovo devices – with improved battery life, and quicker starting up, so students and staff spare every joule possible
- Increase performance and lower energy consumption of your on-premises servers with Lenovo Neptune liquid cooling technology. Run up to 40% more efficiently without sacrificing performance
- Lenovo provides carbon offset services at the point of purchase that help you safeguard the environment and get you closer to NetZero
- When a device has reached the end of its life, Lenovo can securely recycle, donate, or dispose of it, so you know your old tech is always handled responsibly




Inclusion

The interruption of in-person learning impacted all students - but has been particularly challenging for those with special needs. Every learner deserves the support they need to fully engage - and that means technology that works for everyone.

At Lenovo, we embed accessibility into all our devices for no additional cost. We have introduced a Product Diversity Office that reviews every step of the production process from design to execution, making sure the final product is accessible for all. This 'accessibility by design' approach has delivered:

- Raised lines on F and J keys on all keyboards to help visually impaired learners to orient finger alignment on the keypad
- Easy-open laptop hinges to enable users to open devices with one hand
- The Ease of Access Centre in the Microsoft Windows operating system lets visually impaired students use captions, transcripts, and ALT text to help with reading

A person is performing a yoga pose on a rooftop. The background shows a city skyline with buildings and a clear sky. The scene is illuminated with a purple and blue light, suggesting dusk or dawn. The person is in a standing balance pose, possibly a Warrior III or similar, with one leg raised and arms extended.

Alongside accessible design features, we work in partnership with Microsoft to ensure all students can engage online through fully inclusive software. Learning tools such as Immersive Reader, let students change the content size, apply colour filters and tailor the whole operating system to their individual needs. And reading solutions such as the Seeing AI app empower visually impaired students to be their best.

Good for students. Great for the planet.

For students who need a bit more flexibility on-the-go or in the classroom, the new ThinkPad® Z13 defines mobility and progressive design with Windows 11.

Available in recycled PET vegan leather, and packaged in compostable containers, this device has been created for those who bear the utmost of respect for the environment, while supporting learning experiences however and wherever they happen.

Fast and powerful.

Authentic craftsmanship.

True sustainability.

Lenovo ThinkPad® Z13 Tech Specs

Key features	<ul style="list-style-type: none">• AMD Ryzen™ R7 PRO 6860Z U-series processor• Integrated Radeon™ 600M graphics.• FHD RGB + IR dual camera• New webcam e-shutter.
Battery Life	<ul style="list-style-type: none">• Up to 18.3 hours• Rapid charge up to 80% in 60 minutes with 65W adapter (included).
Security	<ul style="list-style-type: none">• Hyper-secure chip-to-cloud technology with Microsoft Pluton• Discrete Trusted Platform Module (dTPM)• Fingerprint reader• Facial recognition• Kill switch camera controls with F9 key
Design	<ul style="list-style-type: none">• Narrow bezel for maximum screen coverage of 13-inches• Edge-to-edge keyboard to fit the natural finger curve• Thin and ultra-light, weighing 1.25kg• Haptic glass TouchPad.
Customization	<ul style="list-style-type: none">• Available in arctic grey aluminum or bronze aluminum with black vegan leather.• Also available in black aluminum with arctic grey frame.• Customizable TrackPoint buttons.
Sustainability	<ul style="list-style-type: none">• 75% post-consumer content (PCC) recycled aluminum• 97% PCC recycled plastic used in speaker enclosure• 97% PCC recycled plastic used in battery enclosure• 95% PCC recycled plastic used in standard 65-watt adaptor• Low-temperature solder process• 100% compostable packaging made from rapid-renewable bamboo sugarcane fiber• ENERGY STAR®• EPEAT® Gold (US, Canada, & Germany)• TCO certified 9



Responsible disposal and recycling

The circular economy is a sustainable model for product design, use and consumption, that is gaining prominence. Lenovo already embraces the need for circularity, which means our customers benefit, too.

We design products in accordance with environmentally sound industry practices. They're required to pass rigorous toughness tests, which means they are made to last longer. That's good news for the planet and for your budget.

Our Low-Temperature Solder manufacturing process reduces carbon emissions by 35% and results in more reliable devices thanks to lower heat stress during the build procedure.

Where possible, we use recycled plastics as part of our manufacturing processes, and we use sustainable packing materials, like bamboo, to reduce our dependence on plastic.

When it comes to the end of your time with your Lenovo devices, we'll be on hand to receive, refresh and recycle them. At your request, we'll donate your old devices, so they stay in use even longer.

We can even offer cashback on traded-in equipment.

And, of course, we undertake to ensure the safe disposal of your old devices at every step. None of your data will go along for the ride. If an item can't be reused, it will be broken down into its recyclable components.



Lenovo is determined to create a better world not only through the products and services we offer, but also in our commitment to implementing sustainable practices. We want to ensure we're making a positive impact in the world socially and environmentally.

John Cerretani

Lenovo's Chief Corporate Responsibility Officer

Offsetting to further help safeguard the environment

Around the world, Lenovo partners with leading certified providers of CO₂ offsetting.

Our customers are not restricted to one offsetting option, but can choose from a range of existing projects including windmills, solar cells and biomass energy. We even offer to plant a tree in return for every device traded-in: an industry first.

- Add the CO₂ offset service (find it in the Serial Number) when ordering eligible devices
- Once products are shipped, Lenovo informs its official CO₂ offset partner
- The CO₂ offset partner issues a unique certificate, which Lenovo provides to your organization

Supporting your ESG evolution

As a global technology leader, we know we have a responsibility to operate a sustainable business.

We are committed to building a better future for our customers our communities and our planet - and that means taking environmental, social, and governance (ESG) issues seriously.

Our ESG commitments are designed to support organisations like yours to make positive changes - to help them find simple, effective ways to improve the impact of their tech investments. Together, we can develop greener, more sustainable ways to embrace technology in the classroom - and build a smarter future for all.

Currently, we're working with educators to achieve this in a number of different ways:





Environmental

While schools themselves do not have a huge carbon footprint, they can help reduce wider global emissions through sustainable tech strategies. From choosing environmentally friendly products to responsible recycling, there are many ways you can help make a difference.

We give our partners the chance to make responsible choices about their technology, end-to-end. Our laptops are sustainable by design – benefiting from innovations such as low-temperature solder to reduce emissions and the use of post-consumer recycled plastic s raw material usage.

Our takeback program also maximises the reuse and recycling of end-of-life products, parts, and waste.

Societal

More and more classrooms are relying on smart technology to bridge the gap between in-person and online learning experiences. But not every student has access to the same tech as their classmates.

Unless all students get equal access, it will widen a digital divide that is already impacting all attainment levels.

We work closely with educators to provide learning environments for everyone. Our specialised technology is affordable, flexible, secure - ideal for students and staff of all backgrounds.

Governance

As more and more students adapt to hybrid alternatives to the traditional classroom, it's all of our duty to keep them safe online. That's why our security is at the heart of everything we do.

Our portfolio of end-to-end security tools protects data and safeguards students' well-being - wherever learning happens. They encompass hardware, software, services and processes, and evolve alongside the security needs of the user.

Our security begins in development and is built into the lifecycle of every device. Every step of the manufacturing process is controlled, audited and tamper-proof, from the factory floor to the classroom.

Lenovo's Diploma

We provided \$15 million in pandemic-related support to educators, community leaders and charitable organisations.

We've also eliminated more than 3,100 tons of packaging since 2008¹.

By 2025 100% of PC products will contain recycled materials.

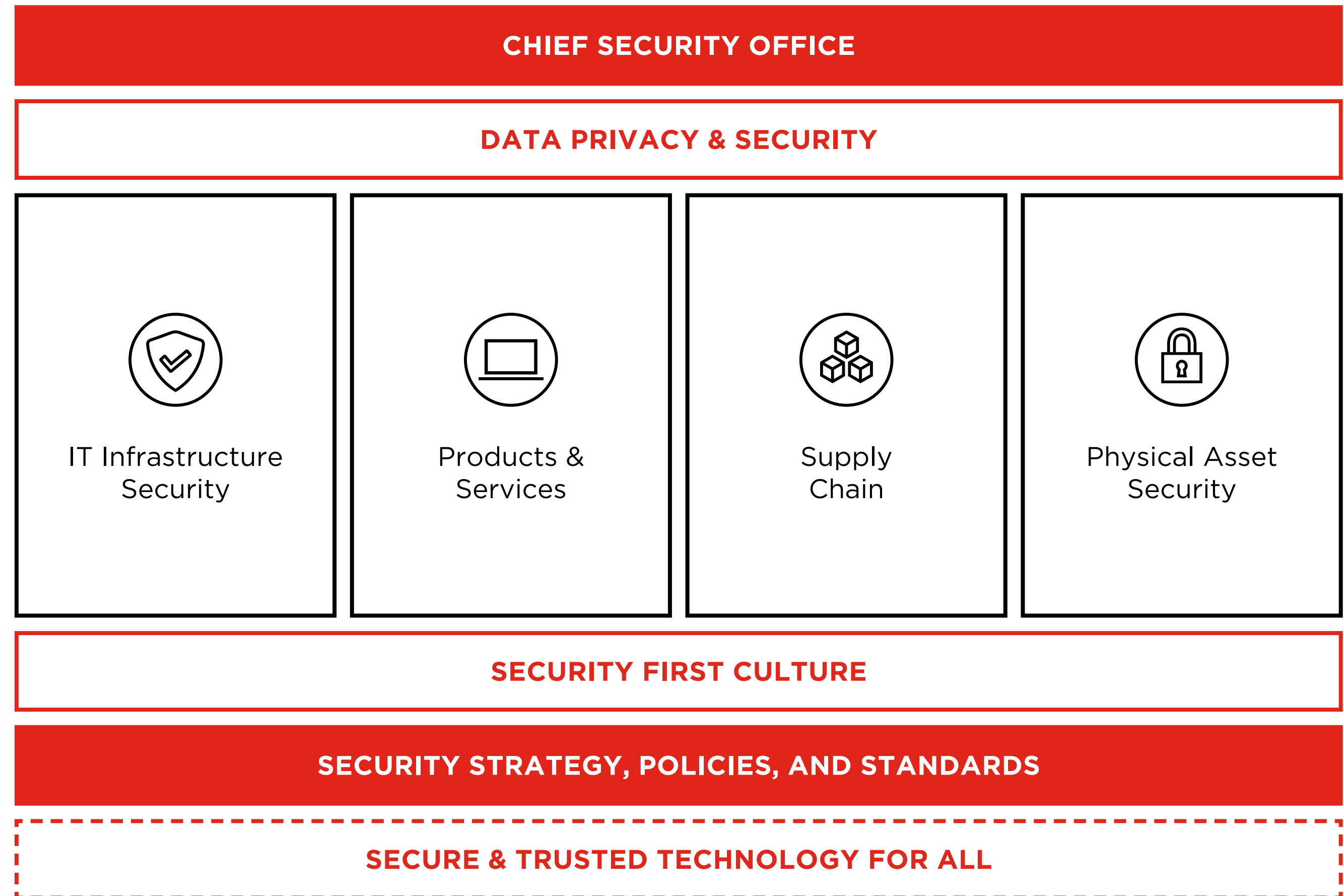
We're committed to a 50% improvement in energy efficiency for desktops and servers by 2029/30.



Great companies operate with great integrity. That is my expectation - and that is how we will keep growing, winning, and achieving our bold aspirations for many years to come.

Yang Yuanqing

Chairman and CEO,
Lenovo Code of Conduct



Giving teachers the support they need

We understand that making technology matter in the classroom isn't just about having the right hardware and software. It's about giving teachers the skills they need to make it work for their students.

That's why we offer a customisable combination of technology training programs for teachers - all delivered in a method and budget to suit your needs.

Facilitated by Educational Collaborators, the classes focus on the Microsoft Professional Development Suite for Education, guiding participants through classroom-focussed demos and exercises.



With Lenovo and our trusted partner, Microsoft, sustainable education is a reality. If higher education providers build on good habits and make changes where needed now, they will reap the benefits for years to come. More prospective students, happier students and staff, an even better reputation, and, of course, a greener world.

To find out how we can support you, please visit [Lenovo Tech Today](#)



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