

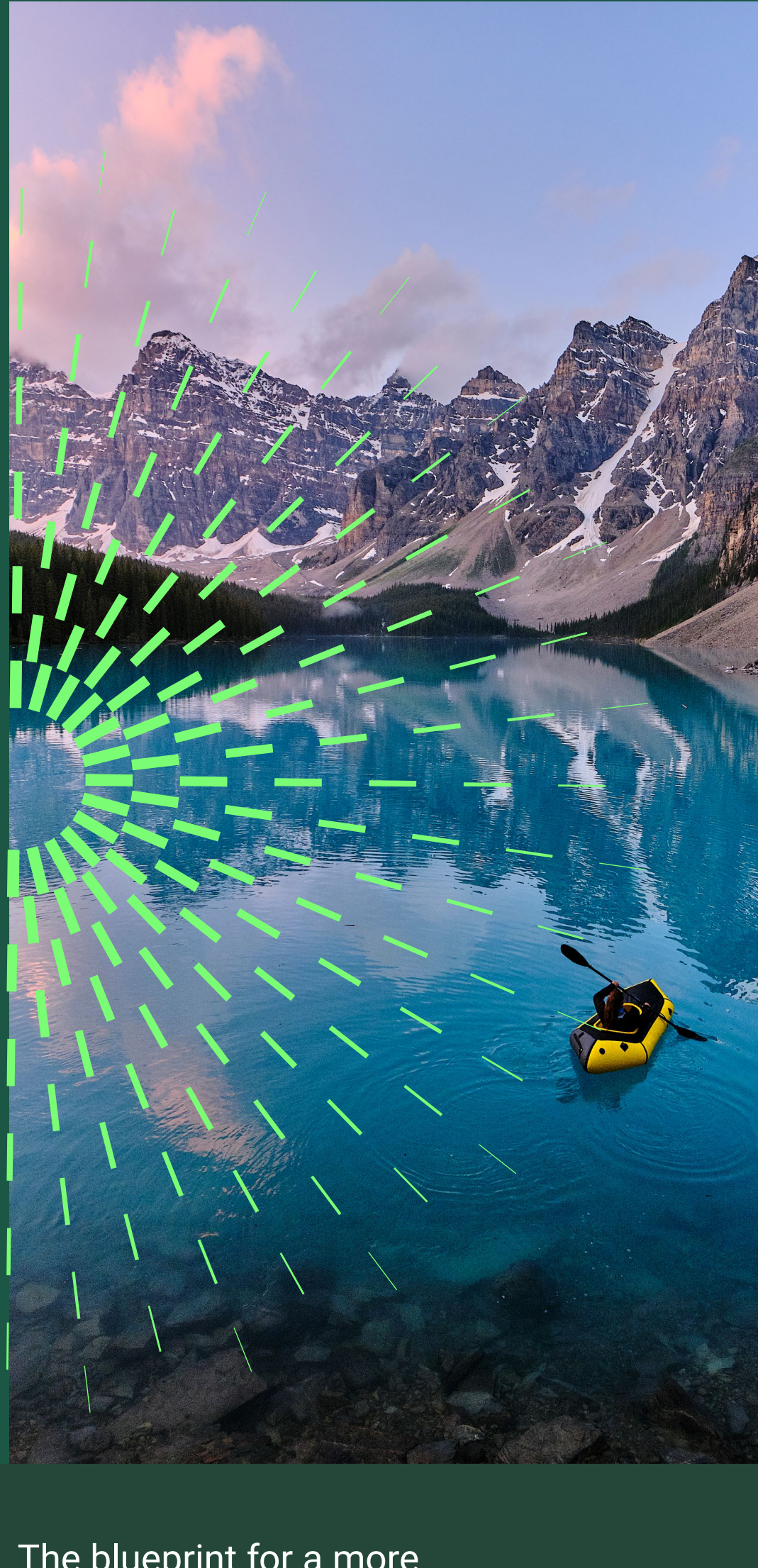
How small changes are doing a world of good

Keeping products and materials in circulation longer through repair, recovery and reuse is an approach known as the circular economy. And it's the key to helping protect our environment. At Dell Technologies, we're committed to making our industry more sustainable—optimizing resources and minimizing waste—through innovative product designs, processes and solutions that reduce our environmental impact.

The ripple effect

Think about a key on your laptop. Now, think about making that key from recycled plastic instead of brand-new plastic. Now, multiply that seemingly small piece of plastic by the number of keys on your keyboard. And again, multiply that by the number of Dell laptops coming off the manufacturing line. It doesn't take long to see that small changes can really add up.

45+ million kg of closed-loop materials have been used in more than 125 different Dell product lines.



The blueprint for a more environmentally forward industry

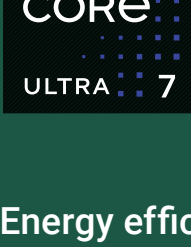
Inspired by Concept Luna—a proof-of-concept device we created with Intel in 2021—we developed a blueprint for sustainable PC manufacturing. We explored features and designs. We made breakthroughs. We innovated. We discovered that we could accelerate the circular economy by reducing emissions; leveraging modular designs; incorporating intelligent telemetry; and repairing, refurbishing and recycling in every way possible.

> 430 patents produced from our work on sustainability-related innovations in the last couple of years.



Dell+Intel = partners in sustainability

One company can't make PC manufacturing circular on its own. We champion sustainability across our industry alongside our partner Intel, by incorporating elements designed with sustainability into our devices—like the Intel® Core™ Ultra processor.



Inspiration + Innovations

Dell poured the inspiration provided by Concept Luna into a stream of product innovations that are finding their way into our devices with every new generation.

- Keypcaps**
 - 75% recycled plastic
- Keyboard scissor-switches**
 - 82% renewable content from biomass sources
 - Impacting 1.8 million laptops
- Imprinted logos**
 - Impacting 1.5 million laptops
- Low-emissions aluminum + recycled aluminum in the chassis**
 - Impacting 2 million laptops
- Mini-LED backlight technology**
 - Reduces backlight power usage by up to 75%
 - Increases battery life
 - 1.8 million laptops together save 3.9 million kWh
- Recycled cobalt**
 - Laptop batteries produced with 50% recycled cobalt
 - Impacting 21 million laptops

- Energy efficiency**
Intel Core Ultra is 2.8x more efficient than previous generations, making it the most power-efficient chip Intel has ever produced.¹
- Modular design**
The integrated multi-processor package design of Intel Core Ultra reduces materials used and footprint on the motherboard.
- EPEAT certified**
An estimated 60-80% of PCs on the Intel vPro® platform meet EPEAT silver or better.
- Emissions reduction**
Remote management via Intel® Active Management Technology on Intel vPro reduces the need for fuel-consuming deskside visits or asset shipments by up to 90%.²
- Intel's sustainable manufacturing process³**
Intel-manufactured silicon is the most sustainable in the industry:
• 93% renewable electricity used globally
• 10.2 billion gallons of water conserved in 2023
• Net positive water usage in the US and India (107%)
• Only 6.4% of e-waste goes to landfill

Materials matter

Creating new plastics and metals. Mining for minerals. They all have a negative impact on our environment. Accelerating our use of sustainable materials means we significantly reduce the emissions associated with using new resources. By keeping products and materials in circulation longer, we're supporting a circular economy—and protecting our planet.

155.5 million kg of sustainable materials used in 2023.⁴

50% product content + **100%** packaging materials will be made from recycled or renewable materials by 2030.⁴

SUSTAINABLE MATERIALS



The proof is in the products

We make very design decision with our environment in mind. From recycled materials to energy-efficient components, Dell devices are more sustainable than ever.

> 40 million⁵ Dell products were shipped in 2023 that are more sustainable than ever.



Latitude 5550 Laptop
Designed with recycled materials like PCR plastic, ocean-bound plastic, bio-based plastic, reclaimed carbon fiber and 50% recycled cobalt in the battery.⁶



Precision 3590 Mobile Workstation
Designed with recycled materials like PCR plastic, ocean-bound plastic, bio-based plastic, reclaimed carbon fiber and 50% recycled cobalt in the battery.⁷



Inspirin 16 Laptop
Ships in 100% recycled or renewable packaging.⁸ Made with recycled copper, recycled steel, post-industrial recycled aluminum and 26% recycled plastic.⁹



Latitude 7350 Detachable
World's most serviceable and durable laptop¹⁰; the first commercial PC to ship with recycled cobalt in the battery.¹¹ Featuring 90% recycled magnesium in the chassis plus recycled and low-emissions aluminum in the kickstand.¹²



XPS 14 Laptop
Ships in 100% recycled or renewable packaging.¹³ Designed with at least 21% recycled materials like plastics, glass and aluminum¹⁴ and a chassis made with recycled and low-emissions aluminum.¹⁵



OptiPlex Micro
World's first desktop PC designed with 50% recycled steel in the chassis.¹⁶ Designed with 56.7% recycled plastic¹⁷ and 13% recycled ocean-bound plastic in the fan and fan housing.¹⁸



Dell Silent Mouse and Keyboard KM555
Designed with up to 64% post-consumer recycled plastic.¹⁹



Dell 24 Monitors P2423
Designed with sustainable materials including 50% recycled steel, 85% post-consumer recycled plastic, closed-loop plastics and 100% recycled aluminum.²⁰ Ships in a 100% renewable and recyclable box.²¹



EcoLoop Pro Backpack
Crafted with organization and comfort in mind, we incorporate 100% ocean-bound plastic into its exterior main fabric. Ships in packaging made with 100% recycled content in the hang tag, hangloop, plastic bag.²²



Dell Premier Wireless ANC Headset WL7024
Designed to be used longer with self-replaceable memory foam cushions.²³

It just adds up

At Dell, we believe nothing should go to waste. That's why every design decision we make supports circularity. It's why we provide repair, recovery and reuse programs and resources that help keep products and materials in use as long as possible. In a perfect world, sustainable PC manufacturing would already be the norm. While we aren't there yet, we're doing everything we can to get there faster—making small changes that really add up—for the sake of our community, our customers and our environment.

Find out how we're driving sustainability in our products and solutions at dell.com/sustainable-devices