



logitech®

# Designing for Impact

Logitech's Commitment to Sustainability,  
from Material Sourcing to Recycling

# Table of Contents

- Working Toward a Better Future** ..... 4
  - Designing for Sustainability ..... 6
  - Identifying Opportunities for Greatest Impact ..... 8
- Sourcing & Manufacturing** ..... 9
  - Why We Use Next Life Plastics ..... 10
  - Why We Use Low-Carbon Aluminum ..... 11
- Transportation & Storage** ..... 12
  - Why We Use FSC-Certified Packaging ..... 13
- Customer Use** ..... 14
  - Why We Add Carbon Labeling to Our Products ..... 16
- End of Life** ..... 17
  - How We Extend Product Life ..... 18
  - How We Think About Circularity ..... 19
- Product Spotlights** ..... 20
  - Sight ..... 20
  - MX Brio 705 for Business ..... 21
  - Zone Wireless 2 ..... 22
  - Wave Keys for Business ..... 23





“

*“We believe Logitech’s size is an advantage. We are small enough to be agile and fast in taking action; but we are large enough to create real impact and influence other industry partners. Prioritizing sustainable design allows us to find hidden impacts fast.”*

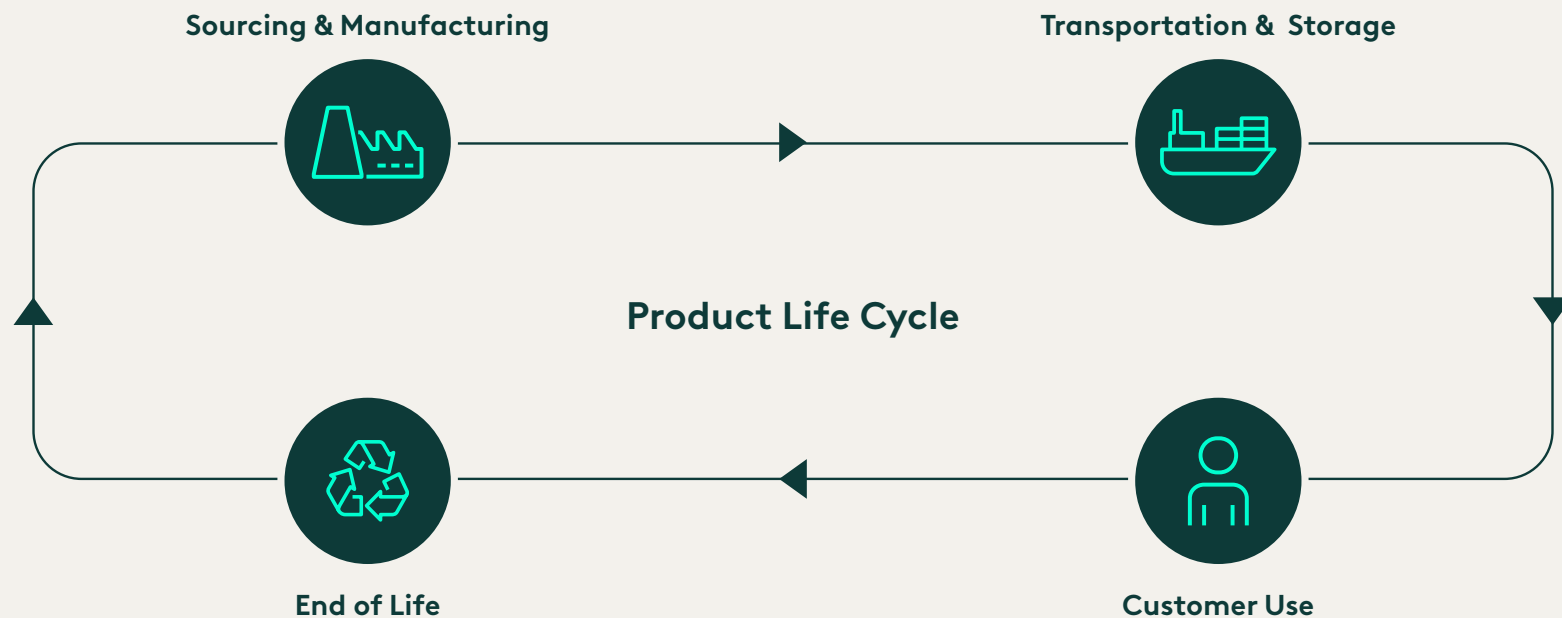
**– Hanneke Faber, CEO, Logitech**

# Working Toward a Better Future

Creating a better future for our planet and society requires a different approach to solving big challenges. And IT departments have an important role to play in this arena.

As a technology provider for IT organizations like yours, we know that our biggest opportunity to positively impact the environment is to relentlessly improve the sustainability of our products.

The first step in that journey is to measure and fully understand our carbon footprint. Only by understanding our carbon impact can we hope to reduce it. To achieve this goal in a meaningful way, we examine every aspect of our product life cycle, from sourcing and manufacturing, to transportation and storage, customer use, and end of life. We then measure and track our progress at each stage — product by product, year after year.



We also know it's critically important to hold ourselves accountable, and we do that by communicating our carbon footprint both internally and externally. One way we achieve this goal is by adding a carbon label to our products, which allows customers to account for that carbon footprint in their own sustainability efforts.

Another way we hold ourselves accountable is by publishing an annual impact report and information like this ebook, which summarizes our Design for Sustainability (DfS) approach throughout the product life cycle.

Our hope is that this information helps you make more informed decisions with your technology investment. We invite you to reach out to us for further detail or consult our latest [Impact Report](#).



# Designing for Sustainability: It Begins with an Idea and a Commitment

As a design-led company, we recognize that the most significant opportunities to minimize environmental impact occur early in the design process, when critical decisions about a product are being made. We establish and commit to sustainability goals at

the beginning of the product development process, and we review progress at critical milestones or “gates,” from exploration through commercialization.

Opportunity to reduce carbon impact decreases

Gate 0

Exploration



Gate 1

Concept Development



Gate 2

Product Development



Gate 3

Commercialization



## Design for Sustainability Features

Empowering product teams with DfS Principles often leads to visible DfS Features that benefit customers and our community at large. These features are just a small part of the broader DfS sustainability philosophy and mindset that we are endeavoring to instill across our company.



### Clean Manufacturing

Manufacturing by factories that purchase renewable electricity and operate in accordance with a code of conduct, to avoid adverse impacts on people and the planet and ensure responsible management of resources and waste



### Recycled Fabrics

Using recycled fabric where possible, in our newest designs



### Recycled Plastics

Made with post-consumer recycled plastic from end-of-life electronics, to give plastics a second life

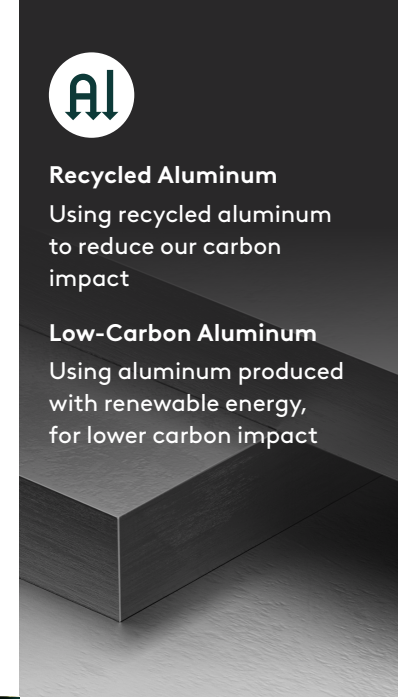


### Recycled Aluminum

Using recycled aluminum to reduce our carbon impact

### Low-Carbon Aluminum

Using aluminum produced with renewable energy, for lower carbon impact



### Responsible Packaging

Avoiding single-use plastic and using recycled content and recyclable materials, with responsible sourcing of paper



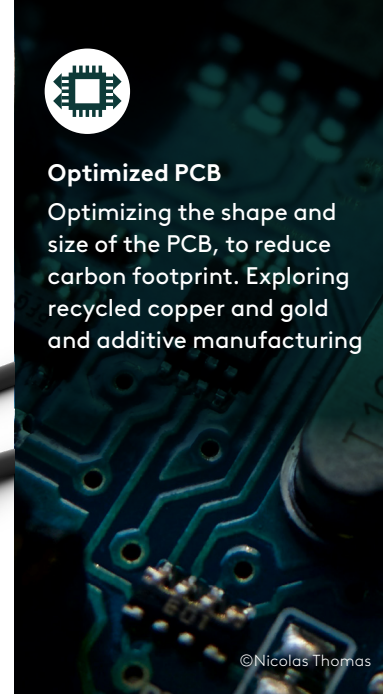
### PVC-free Cables

Eliminating PVC cables, to transition to better materials



### Optimized PCB

Optimizing the shape and size of the PCB, to reduce carbon footprint. Exploring recycled copper and gold and additive manufacturing



### Smart Battery Efficiency

Incorporating smart features to lower battery consumption and optimize product use

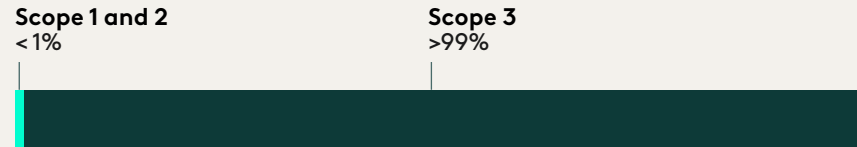
# Identifying Opportunities for Greatest Impact

At Logitech, we're focused on opportunities where we can have the most impact in our sustainability effort. We're working to reduce Scope 1 and 2 greenhouse gas emissions, which refer to the carbon impact of our own operations. But we know that these GHG emissions constitute less than 1% of our corporate carbon footprint.

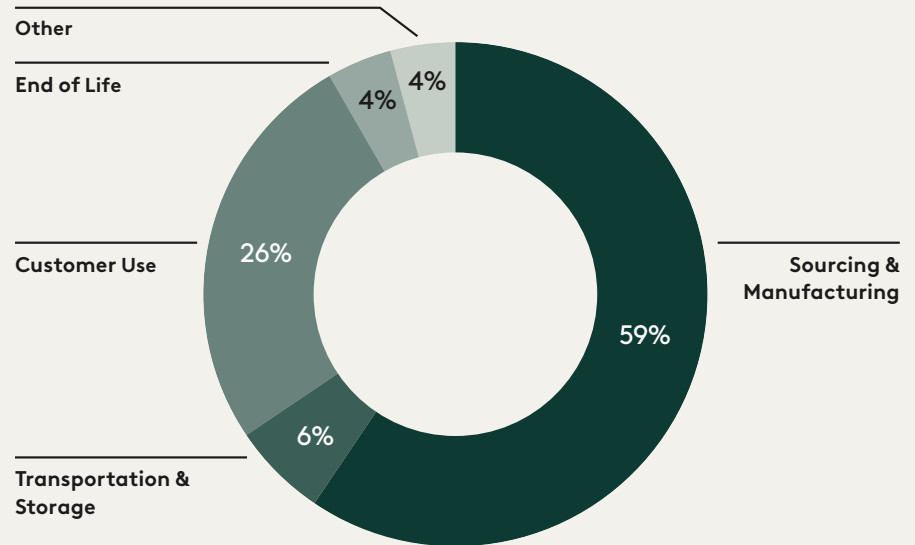
More than 99% of our corporate carbon footprint comprises Scope 3 GHG emissions, which quantify the carbon impact of a company's entire value chain, including material sourcing, supply chain manufacturing, distribution, customer use, end-of-life product treatment, and ancillary activities. Our goal is to cut Scope 3 emissions in half by 2030 (using SBTi-validated targets).

To meet that goal, we know we need to reduce our carbon impact in every phase of the product life cycle, from sourcing and manufacturing to end of life. In the following pages we detail some of our efforts and achievements in each phase.

## Our Total Carbon Footprint



## Logitech Scope 3 Emissions\*



\* Logitech's greenhouse gas footprint beyond operations (Scope 1 and 2 emissions)





# Sourcing & Manufacturing

Our commitment to sustainability begins with the sourcing and manufacturing of products, which together account for 59% of Logitech's entire carbon footprint. This is why it's so important to remove and reduce hidden impacts early in the design process and work closely with suppliers to achieve these goals.

Recycled plastic and low-carbon aluminum are just two examples of materials that we have incorporated into the manufacturing process as part of our Design for Sustainability mission.

In addition to recycled plastic and low-carbon aluminum, Logitech also uses the following materials whenever possible during the manufacturing process:

- Optimized printed circuit boards (PCBs)
- PVC-free cables and other PVC-free materials
- Recycled fabrics

## Notable Carbon Savings in 2023

**25,066** tCO<sub>2</sub>e

Next Life Plastics

**13,049** tCO<sub>2</sub>e

Low-Carbon Aluminum

**2,647** tCO<sub>2</sub>e

PCB Optimization



# Why We Use Next Life Plastics

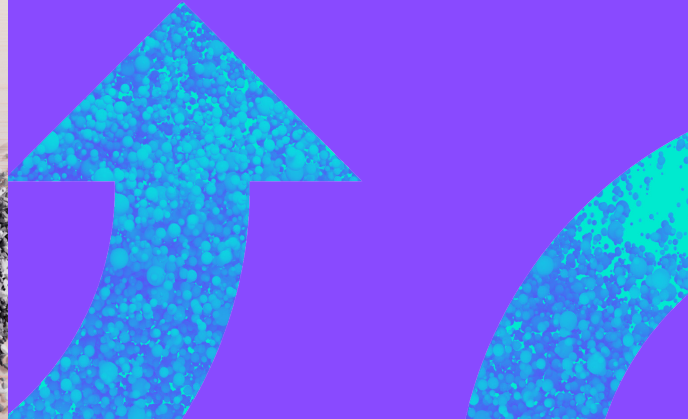
73% of Logitech products

are made with Next Life Plastics to give a second life to end-of-life electronics



25,000+ tCO<sub>2</sub>e

Carbon reduction due to Next Life Plastics<sup>2</sup>



More Designs,  
More Colors

No compromise on quality



We have incorporated post-consumer recycled plastic<sup>1</sup> into a wide range of products, giving end-of-life plastic a second life and helping to reduce our carbon footprint.

We have been working with plastic suppliers since 2017 to design new and stronger resins in a range of new colors. We now have over 30 colors in our palette, allowing us to build more products with recycled plastic and offer customers more color options — without compromising on quality.

*"Transitioning away from single-use plastic packaging and virgin plastic in hardware is not just a responsible choice for our planet but a critical step towards a more circular future. At Logitech, we are committed to leading this change, reducing our environmental footprint, and setting new standards for our industry's use of plastics."*

**—Prakash Arunkundrum, Chief Operating Officer, Logitech**

# Why We Use Low-Carbon Aluminum

Manufacturing aluminum is a carbon-intensive process because most smelters use traditional fossil fuels and require large quantities of heat and energy. To reduce this impact, low-carbon aluminum is produced in smelters using renewable energy such as hydropower. As of March 2024, we are using low-carbon aluminum in 66 product lines.<sup>3</sup> We estimate this has eliminated more than 13,000 tCO<sub>2</sub>e in 2023 alone.<sup>4</sup>

Our longer-term goal is to completely eliminate traditional virgin aluminum from our portfolio by expanding our use of low-carbon aluminum, post-consumer recycled (PCR) aluminum, and exploring near-zero<sup>5</sup> and post-industrial recycled (PIR) aluminum options.

**66** product lines

# of products in the Logitech lineup made with low-carbon aluminum<sup>4</sup>

**13,000+** tCO<sub>2</sub>e

Tons of CO<sub>2</sub> saved by low-carbon aluminum products in 2023

## Examples of low-carbon aluminum products

### Keyboards



#### Personal Workspace

Signature Slim MK 950/955  
MX Keys Mini  
MX Mechanical Mini  
K835 TKL Mechanical  
Ergo K860

### Webcams



#### B2B

MX Brio 705 for Business

#### Personal Workspace

MX Brio

### Headsets



#### B2B

Zone Wireless 2

### Conference Cameras



#### B2B

Rally Bar Huddle Sight



# Transportation & Storage

Transportation and storage of products accounts for about 6% of Logitech's carbon emissions. To arrive at this number, we measure the impacts of all transportation, from the assembly line to the distribution center and ultimately to the customer, and we use insight and knowledge on how our products are purchased, collected, and delivered. We also account for the impacts of storage, such as heating and air conditioning used at storage facilities, and general operational aspects such as IT and lighting.

The smaller and lighter something is, the more carbon-efficient it is to transport and store. So we continue innovating our packaging to optimize product protection, packaging weight, shipper packaging, and pallet efficiency. We also avoid air shipment wherever possible.

# Why We Use FSC-Certified Packaging

The Forest Stewardship Council (FSC) is a global, nonprofit organization that promotes the responsible management of forests worldwide. Sourcing paper packaging materials from FSC™-certified suppliers overtly supports responsible forest management, ensuring no net negative impact on forestry and biodiversity.

More than half of the products we introduced in fiscal year 2024 used FSC™-certified packaging, and 19% of Logitech products now use FSC™-certified packaging.<sup>6</sup>

## Examples of Logitech products with FSC™-certified packaging



**Wave Keys for Business**  
Keyboard and Mouse



**Lift for Business**  
Ergonomic Mouse

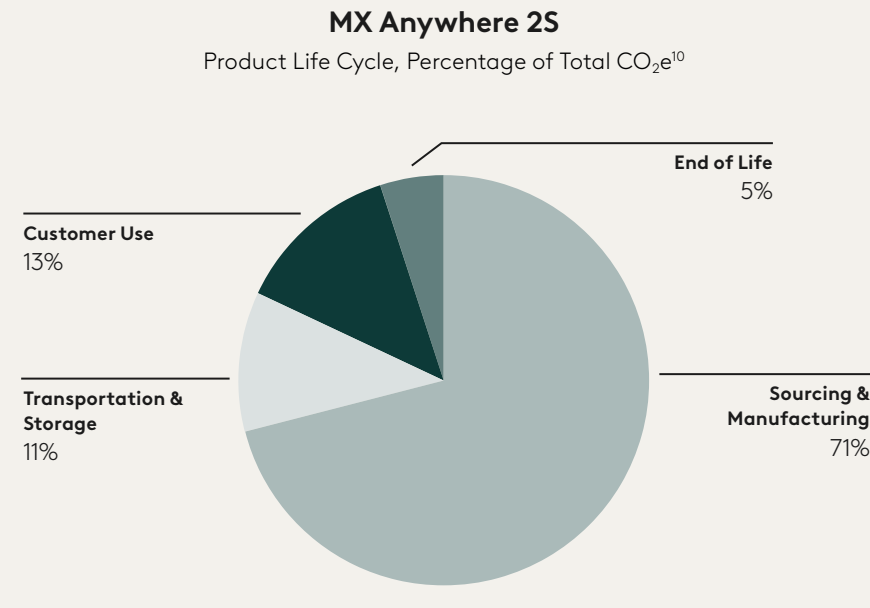
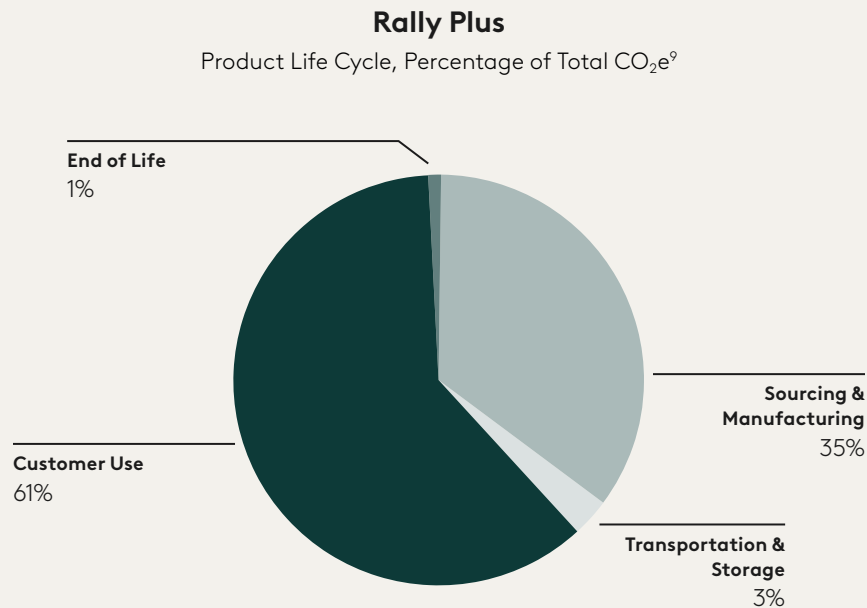


# Customer Use

We noted above that sourcing and manufacturing account for 59% of Logitech’s entire carbon footprint. However, it’s important to note that this percentage is not equally true for every product.

Consider a mouse and a video conferencing camera. A video conferencing camera like Rally Plus has much more plastic and other material than the MX Anywhere mouse. Perhaps it’s surprising then that sourcing and manufacturing accounts for only 35% of the carbon footprint for Rally Plus but 71% of the carbon impact for MX Anywhere.<sup>8</sup>

Here’s why: the carbon impact of the customer use phase is **much** larger for the Rally Plus camera — 61% for Rally Plus vs. 13% for the MX Anywhere mouse. That explains why sourcing and manufacturing accounts for a much lower percentage of the carbon impact for Rally Plus. But it also suggests that if we want to significantly reduce the carbon impact of certain products, like Rally Plus, we must look beyond sourcing, manufacturing, transportation, and storage.



One way we're reducing the carbon impact of our video conferencing devices is by adding power-saving modes and the ability to power off TV displays through CEC support when there's no activity in the room. For example, The CollabOS software that drives our video conferencing solutions is designed to detect when a conference room is empty and power down equipment automatically.



*"While it's important to reduce the carbon footprint associated with sourcing and manufacturing — for example, by using PCR plastic and low-carbon aluminum — we must also consider ways to reduce the carbon footprint associated with customer usage, especially with video conferencing devices, like the Rally family."*

**– Gregory Franc De Ferriere,  
Group Product Manager, Logitech**



**1.65 tons** of CO<sub>2</sub>

Potential reduction of carbon impact through power-saving modes with Rally Bar family<sup>11</sup>



# Why We Add Carbon Labeling to Our Products

What's in a number? When it comes to carbon emissions, numbers tell the story of how much climate-impacting carbon is generated in the manufacturing process, the transport of the product to market, the energy it uses throughout its lifespan, and the way it is managed at end-of-life. The carbon footprint of our products is measured in kilograms of CO<sub>2</sub>e, a metric that allows different greenhouse gases to be expressed in a common unit and easily compared.

Logitech strongly believes in being open and transparent about our impact. So strongly, in fact, that we pledged to communicate the carbon footprint of every product on its packaging and on our company website by 2025. We are now at 66% of our goal.<sup>12</sup>



*"We believe that carbon should be treated like calorie awareness, and that everyone should be aware of what they're consuming. Taking responsibility for full life cycle impacts of our products also means advocating for people and businesses to acknowledge carbon impact and climate change ramifications."*

**– Prakash Arunkundrum, Chief Operating Officer, Logitech**



# End of Life

At Logitech, we are firmly committed to the idea that the end of a product's useful life is not the end of the road. We're continually looking for ways to reduce waste and extend the life of products, components, and materials.

## Reducing waste

We're focused on the following strategies:

- **Designing products with their entire life cycle in mind**, ensuring that they can be easily disassembled, repaired, or recycled
- **Using renewable and recycled materials** that can be reintroduced into the production cycle
- **Recycling products, parts, and materials** that cannot be refurbished, to avoid sending them to landfill
- **Optimizing manufacturing processes** to minimize waste, energy use, and emissions

## Extending the life of products

We're focused on the following strategies:

- **Extending product life** with durable and energy-efficient designs, repair services, secondary market sales, product donation programs, and recycling
- **Offering trade-in programs** for Logitech branded product returns, to refurbish them to "like-new" condition
- **Providing software and services** that enhance both our hardware and our customer experiences to ensure prolonged usability and value





# How We Use Software, Services, and Replaceable Parts to Extend Product Life

One less obvious way we're reducing the carbon impact of our products is by helping customers use them for longer. In a sense, it's the opposite of planned obsolescence.

Here's what we're doing to help you get a greater return from your investment in personal workspace and meeting room devices — while reducing impact on the environment.

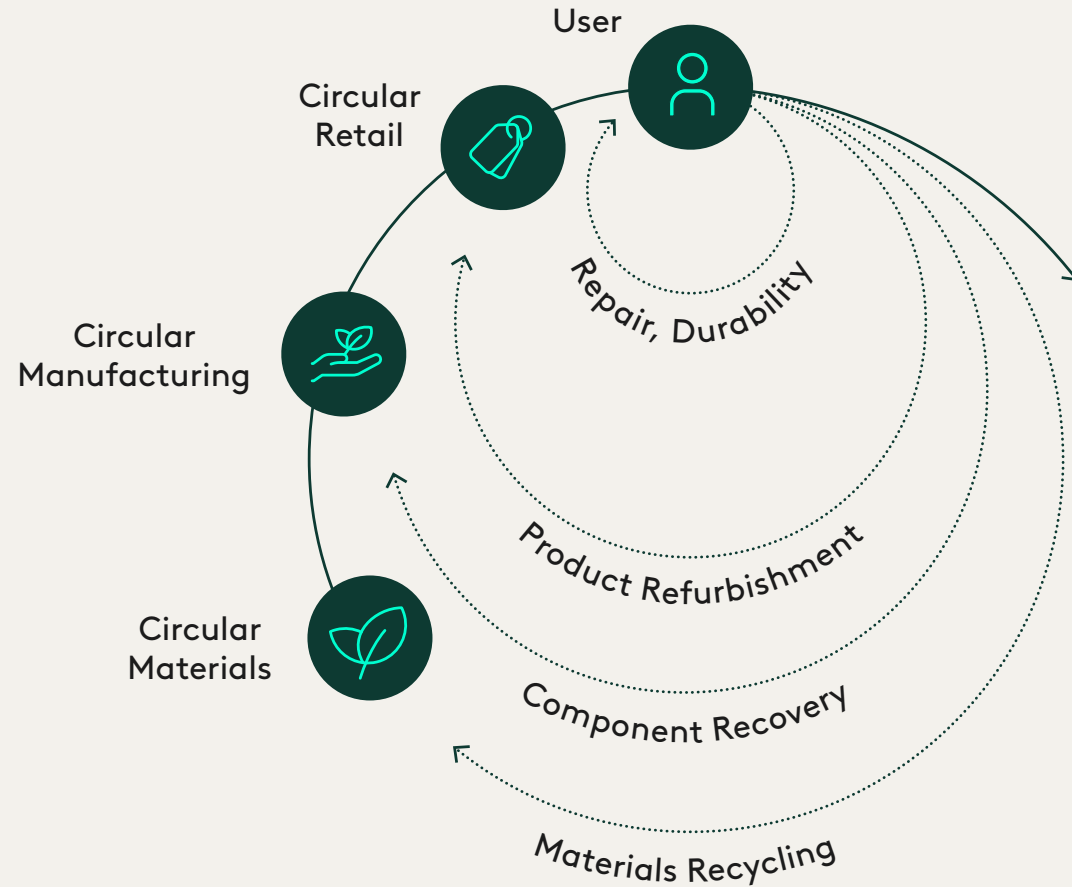
- **Software updates:** Through multiple updates per year to the CollabOS platform, Sync, and the Logi Tune app, we are continually adding new capabilities, improving performance, and deepening integrations with partner products like Microsoft Teams, Zoom Workplace, and Google Meet. These software updates ensure existing products continue to meet the evolving needs of our customers.
- **Service plans:** Our business service plans, including Select and Essential, provide benefits such as advanced hardware replacement, onsite spares, and extended warranty — options designed to protect your investment for longer.
- **Available parts:** We're incorporating replaceable parts in our products where possible so you can repair rather than replace them. Replaceable components include headset earpads, remote controls, and covers in video bars.



# How We Think About Circularity

We adopt a full life cycle approach and consider how we can reduce waste and extend the life of our products, from design, sourcing, and manufacturing, through to second life and other circular solutions.

When we say we design products with their entire life cycle in mind, we are both prioritizing the use of renewable and recycled materials early in the design process, as well as looking for ways to minimize waste by making products and components that can be easily disassembled, repaired, or recycled at the end of their useful life.





### Carbon Reduction

21%

carbon footprint  
reduction<sup>13</sup>

1,400 tCO<sub>2</sub>e

avoided per  
100k units<sup>14</sup>

## PRODUCT SPOTLIGHT

# Sight

AI-powered meeting room camera with intelligent, multi-participant framing

### Design For Sustainability



#### Optimized architecture:

The aluminum heat sink was modified to use less aluminum with a lower potential for manufacturing waste.



#### Clean and efficient manufacturing:

We purchase renewable electricity certificates to match the electricity footprint of our own production facility, and we help our biggest suppliers to do the same.



#### Better materials:

Plastic parts made with post-consumer recycled plastic — 50% for white, 59% for graphite<sup>15</sup> — to give a second life to end-of-life plastic from old consumer electronics and help to reduce our carbon footprint.



#### Chemical control:

PVC-free cables and water-based paint for reduced solvent emissions in manufacturing.



#### Low-impact packaging:

Paper packaging from FSC<sup>TM</sup>-certified forests and other controlled sources.



### Carbon Reduction

148 tCO<sub>2</sub>e

avoided per 100k units<sup>16</sup>

## PRODUCT SPOTLIGHT

# MX Brio 705 for Business

Premium 4K webcam with  
AI-powered image enhancement

## Design For Sustainability



### Better materials:

Low-carbon aluminum made from renewable energy with plastic parts made from recycled plastic — 82% for black and graphite and 75% for pale gray.<sup>17</sup> PVC-free cables. 65% recycled aluminum heat sink.



### Low-impact packaging:

Paper packaging sourced from FSC™-certified forests and other controlled sources.



### Clean and efficient manufacturing:

We purchase renewable electricity certificates to match the electricity footprint of our own production facility, and we help our biggest suppliers to do the same.



### Carbon Reduction

11.1 tCO<sub>2</sub>e

avoided per 100k units<sup>18</sup>

## PRODUCT SPOTLIGHT

# Zone Wireless 2

AI-powered headset for two-way noise-free calls

## Design For Sustainability



### Better materials:

Plastic parts made with post-consumer recycled plastic — 20% for graphite, off-white and rose.<sup>19</sup>  
PVC-free cables: Low-carbon aluminum manufactured with renewable energy.



### Products that last:

Get more life with a replaceable battery and earpads.



### Clean and efficient manufacturing:

We purchase renewable electricity certificates to match the electricity footprint of our own production facility, and we help our biggest suppliers to do the same.



### Low-impact packaging:

Paper packaging sourced from FSC™-certified forests and other controlled sources.



## Carbon Reduction

37%

carbon footprint  
reduction<sup>20</sup>

310 tCO<sub>2</sub>e

avoided per  
100k units<sup>20</sup>

## PRODUCT SPOTLIGHT

# Wave Keys for Business

Wireless ergonomic keyboard with a cushioned palm rest for natural, feel-good typing throughout the day

## Design For Sustainability



### Better materials:

Plastic parts made with post-consumer recycled plastic — 61% for graphite, 46% for off-white.<sup>21</sup>



### Lower impact components:

Design of the PCB layout modified to reduce the overall size by 50% with an associated reduction in manufacturing waste potential and carbon impact.



### Optimized architecture:

Compact design to achieve a weight reduction of approx. 320 g<sup>20</sup>.



### Low-impact packaging:

Paper packaging sourced from FSC™-certified forests and other controlled sources.



### Clean and efficient manufacturing:

We purchase renewable electricity to match the electricity footprint of our own production facility, and we help our biggest suppliers to do the same.



At Logitech, we are deeply conscious of the effects our activities have on both the planet and on people, and we encourage employees to integrate sustainability into their daily tasks and decision-making processes. Our approach to sustainability is a reflection of our values.

**As you consider your investment in collaboration technology, please take a deeper look at our commitment to sustainability and the actions we're taking.**

- Learn more at [logitech.com/sustainability](https://logitech.com/sustainability)
- View our 2024 Impact report at [impactreport.logitech.com](https://impactreport.logitech.com)
- For questions or comments, contact [sustainability@logitech.com](mailto:sustainability@logitech.com)



<sup>1</sup> Our design goal is to maximize the percentage of recycled plastic in our products. When calculating the percentage we have achieved, we follow a defined protocol and use a third-party validated approach. <https://www.logitech.com/sustainability/post-consumer-recycled-plastic.html>

<sup>2</sup> Measured as the carbon reduction achieved, compared to virgin plastic alternatives, for units shipped from 1 January 2023 to 31 December 2023.

<sup>3</sup> Measured as the number of product lines shipped from 1 March 2024 to 31 March 2024, which had low-carbon aluminum. Carbon saving is measured as the carbon saving from the use of low-carbon aluminum in units shipped from 1 January 2023 to 31 December 2023.

<sup>4</sup> Carbon saving associated with units shipped from 1 January 2023 to 31 December 2023.

<sup>5</sup> Aluminum with a footprint of <3 tCO<sub>2</sub>/t. Research by the First Movers Coalition indicates the production of near-zero primary aluminum at this threshold will require the adoption of at least one of many breakthrough technologies in the aluminum production process.

<sup>6</sup> Measured as the percentage of units shipped from 1 March 2024 to 31 March 2024, for which paper-based consumer packaging was FSC™-certified. A New Product Introduction is a Logitech product line that is launched within the boundaries of the financial year reporting period.

<sup>7</sup> Measured as the percentage of units shipped from 1 March 2024 to 31 March 2024, for which paper-based consumer packaging was FSC™-certified.

<sup>8</sup> See <https://www.logitech.com/sustainability/carbon-clarity.html>

<sup>9</sup> See <https://www.logitech.com/content/dam/logitech/en/sustainability/carbon-labeling-messaging/carbon-clarity/pdf/carbon-footprint-rally-plus.pdf>

<sup>10</sup> See <https://www.logitech.com/content/dam/logitech/en/sustainability/carbon-labeling-messaging/carbon-clarity/pdf/carbon-footprint-mx-anywhere-2s-wireless-mouse.pdf>

<sup>11</sup> Based on energy saving mode switched on an EnergyStar certified, 50-69 inch, low energy television baseline, a global electricity consumption emissions factor from Logitech's Carbon Clarity program. Internal estimates of pre-optimization use phase carbon impact of 95.4t CO<sub>2</sub>e for each 100 products used over a period of 2 years. Logitech's internal user model for room VC equipment (based on recorded data from VC room usage).

<sup>12</sup> Measured as the percentage of units shipped from 1 March 2024 to 31 March 2024, for which Logitech had a third party-reviewed Product Carbon Footprint.

<sup>13</sup> Modelled to evaluate a pre-production sample compared to the "do nothing design scenario."

<sup>14</sup> Compared to the "do nothing design scenario."

<sup>15</sup> Excludes plastic in receiver, battery, printed wiring assembly (PWA), and FFC cable.

<sup>16</sup> Modelled on a pre-production sample compared to a "do nothing design scenario."

<sup>17</sup> Excludes printed wiring assembly, cables, and packaging.

<sup>18</sup> Modelled based on a black pre-production sample and compared to a "do nothing design scenario."

<sup>19</sup> Excludes printed wiring assembly, cables, and packaging.

<sup>20</sup> Modelled based on a pre-production sample compared to the Logitech K350 Wave Keyboard (1st gen).

<sup>21</sup> Excludes printed wiring assembly, cables, and packaging.

