

An aerial photograph of a dense, green forest with a winding asphalt road that curves through the trees. The road starts from the top left, curves right, then left, then right again, and finally left towards the bottom right. The trees are a mix of dark green and lighter green, suggesting different species or lighting. The overall scene is lush and natural.

# LCA as a catalyst for change

Robert O'Mahony  
Head of Sustainability, Global Operations





# catalyst

*/ˈkæt(ə)lɪst/*

*noun*

a substance that increases the rate of a chemical reaction without itself undergoing any permanent chemical change.

"chlorine acts as a catalyst promoting the breakdown of ozone"

- a person or thing that precipitates an event.

"the prime minister's speech acted as a catalyst for debate"

Similar:

spur

stimulus

impetus

prompt

encouragement

inducement



Definitions from Oxford Languages

*Feedback*

logitech®



astro



streamlabs



ULTIMATE  
EARS



**PERSONAL WORKSPACE**  
C&P Core  
Personal Collaboration

**MUSIC**

**VIDEO  
COLLABORATION**

**GAMING**

**HOME**

# GLOBAL NETWORK

**3** million products  
shipped per week to  
**100** countries

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**350+** customers

**2,000+** locations

**2** week delivery from  
factory to family in  
**100** countries

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Decade-long  
relationships with key  
retailers and e-tailers

Select partners and customers



amazon.com

MediaMarkt



T-Mobile

INGRAM  
MICRO

Tech Data



Walmart

Carrefour

# OUR COMMITMENTS



Supports the Paris Agreement  
and Ambitious 1.5°C Climate  
pledge



Commits to Carbon  
Transparent Labeling



Commit to 100%  
Renewable Electricity



Certified Carbon  
Neutral Gaming  
Portfolio

Read more in our [2020 Sustainability Report](#)



# ACKNOWLEDGMENTS



**Sustainalytics  
Environment  
Score:**

**#2**  
of 145 tech  
companies

**96%**  
Percentile  
overall



**On SDG2000 list as one of the  
top 2,000 most influential  
companies to shape our  
future**



# DOING THE RIGHT THING...

ESG ratings &  
Investor interest

Rise in  
consumer  
interest in  
sustainable  
brands

Sustainable  
products  
lower cost

Climate  
regulations

Sustainable  
companies  
attract great  
talent

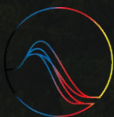
...by understanding our impact & taking action



# OUR CLIMATE ACTIONS STRATEGY

## Reduce

Use **Design for Sustainability** principles to reduce our **Carbon** footprint to support a **1.5°C world**



Science Based  
Target Initiative

## Renew

Achieve **100% Renewable Electricity** by 2030

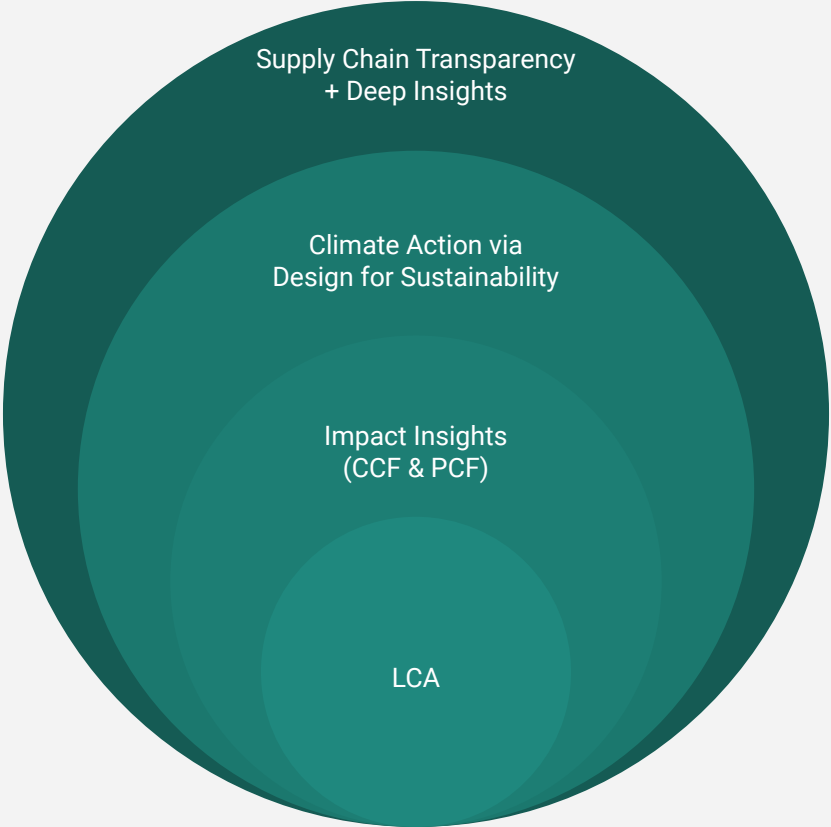


## Restore

Protect forests and climate impacted areas using net-zero certified carbon offsets



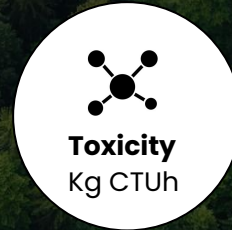
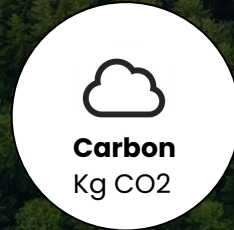
## RAISE AWARENESS



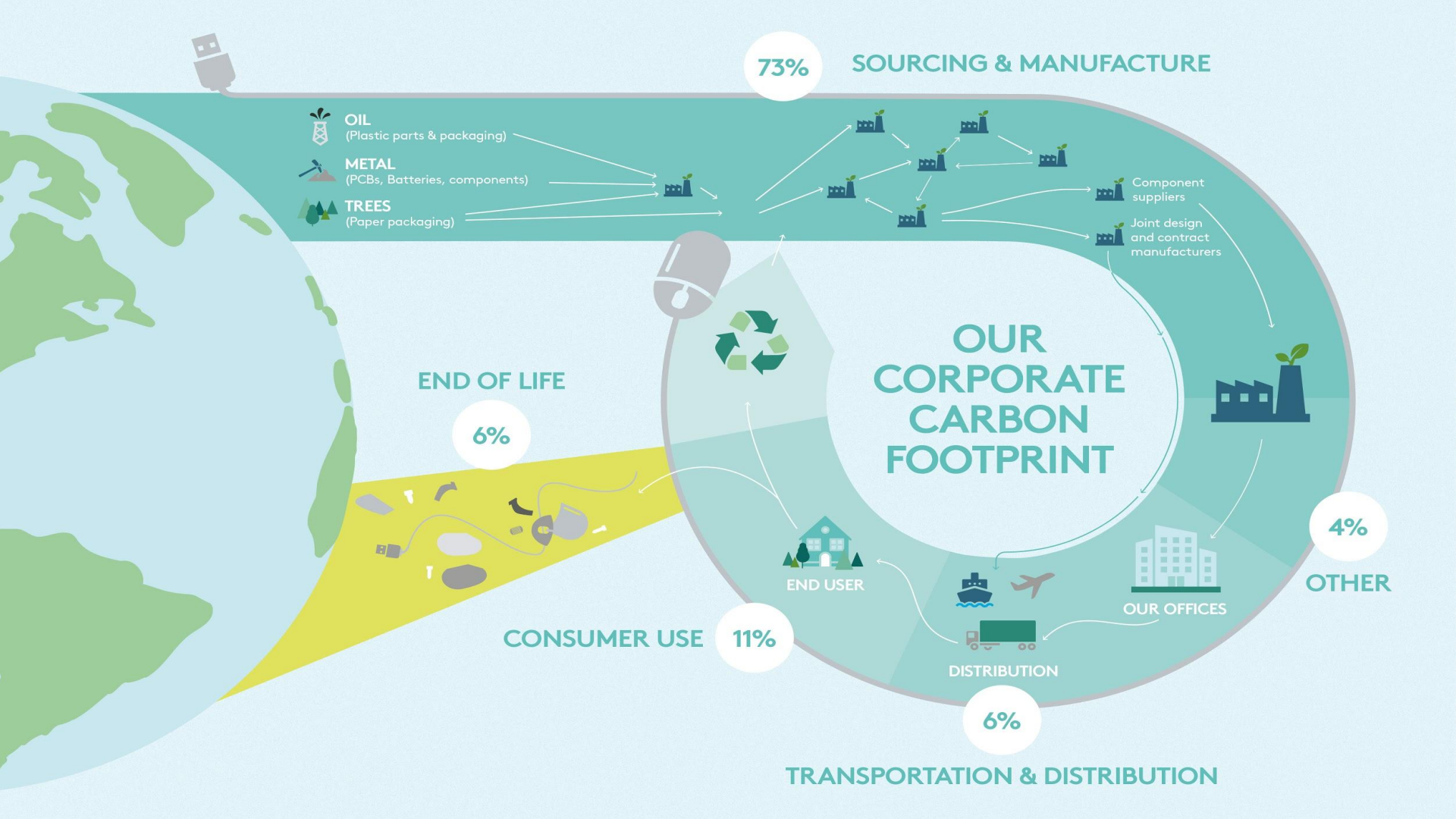


# THINKING END TO END ACROSS LIFECYCLE OF OUR OPERATIONS (LCA)

How the product performs over the lifecycle  
(Measured Quantitatively Using LCA)



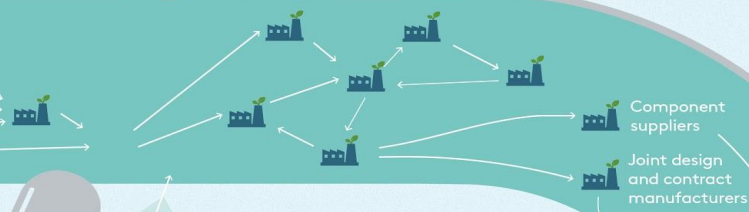
How **Circular** the lifecycle is  
(semi quantitative)



73%

SOURCING & MANUFACTURE

- OIL**  
(Plastic parts & packaging)
- METAL**  
(PCBs, Batteries, components)
- TREES**  
(Paper packaging)



END OF LIFE

6%



CONSUMER USE

11%



END USER



DISTRIBUTION

6%

TRANSPORTATION & DISTRIBUTION



OUR OFFICES

4%

OTHER

OUR CORPORATE CARBON FOOTPRINT



Component suppliers

Joint design and contract manufacturers



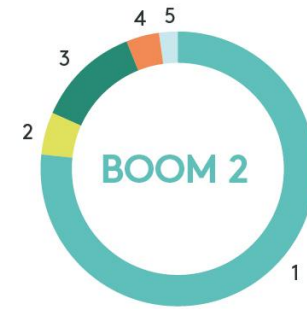
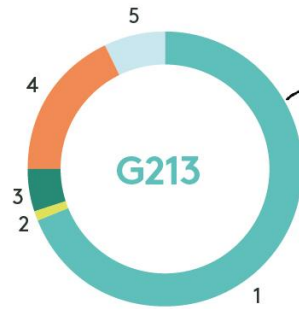
At Logitech we use Design for Sustainability (DfS) as an umbrella term to include ecodesign, circular design and social design.



# OUR APPROACH

## LIFE CYCLE ASSESSMENT THINKING - ALL LIFECYCLE PHASES

### Life cycle assessment

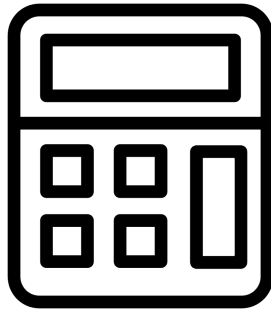


- 1 Sourcing
- 2 Assembly
- 3 Distribution
- 4 Use
- 5 End-of-life



# ENABLE STAKEHOLDERS

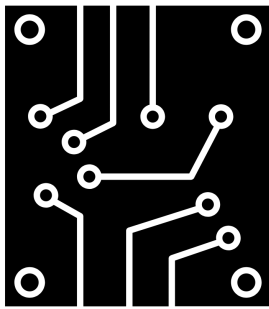
WE BUILD SEVERAL UNIQUE LIFE CYCLE TOOLS



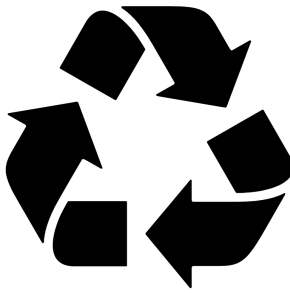
**Product Impact Calculator**



**Circularity Assessment Tool**



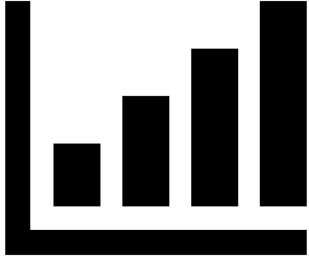
**PCB Impact Calculator**



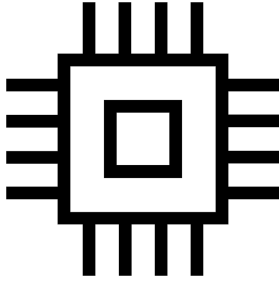
**Design for WEEE guidelines**



**Sustainable Materials Roadmap**



**Product Materials Ranking**



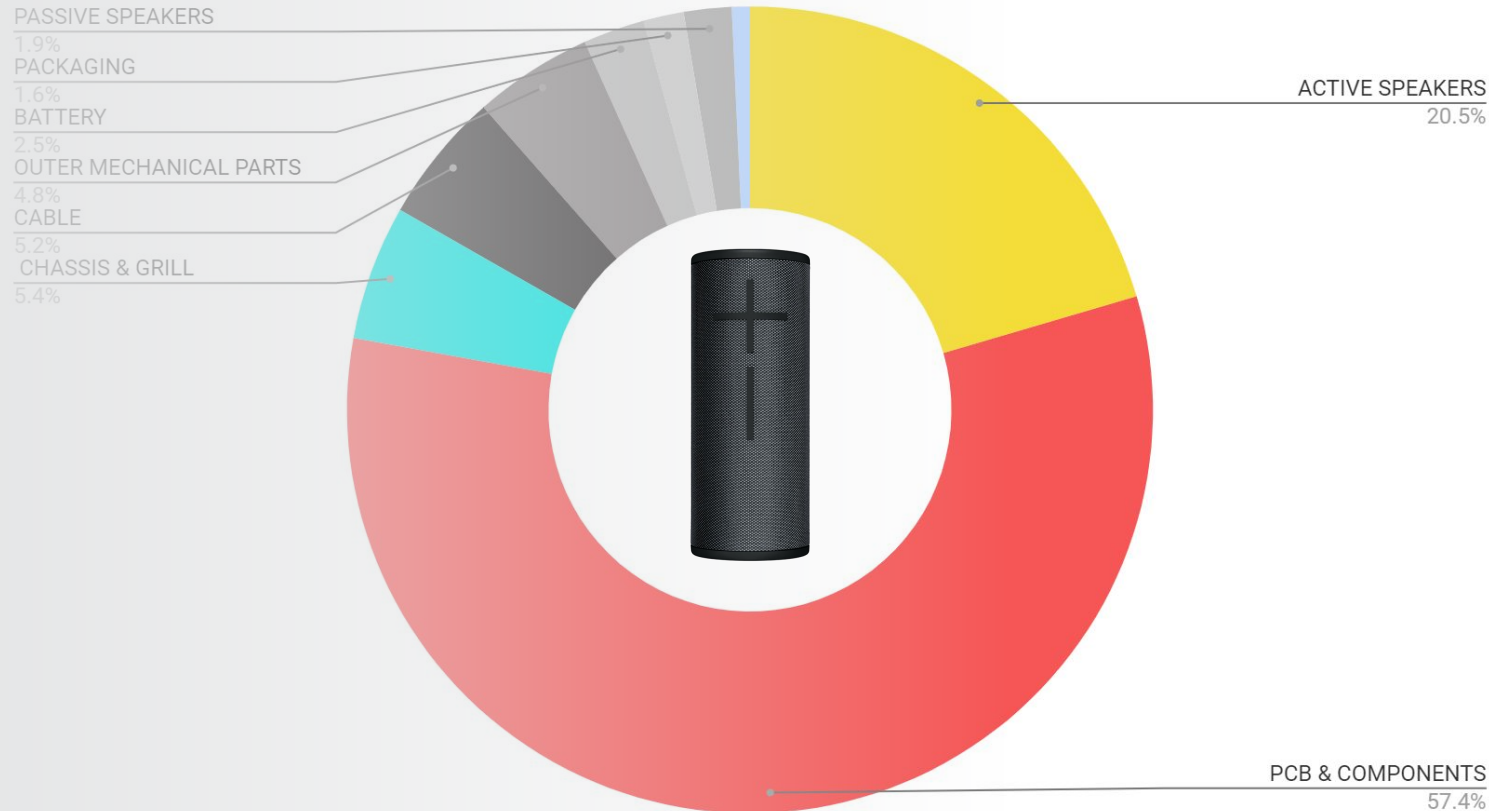
**EE Component Ranking**



**EOL Battery Removal Guidelines**

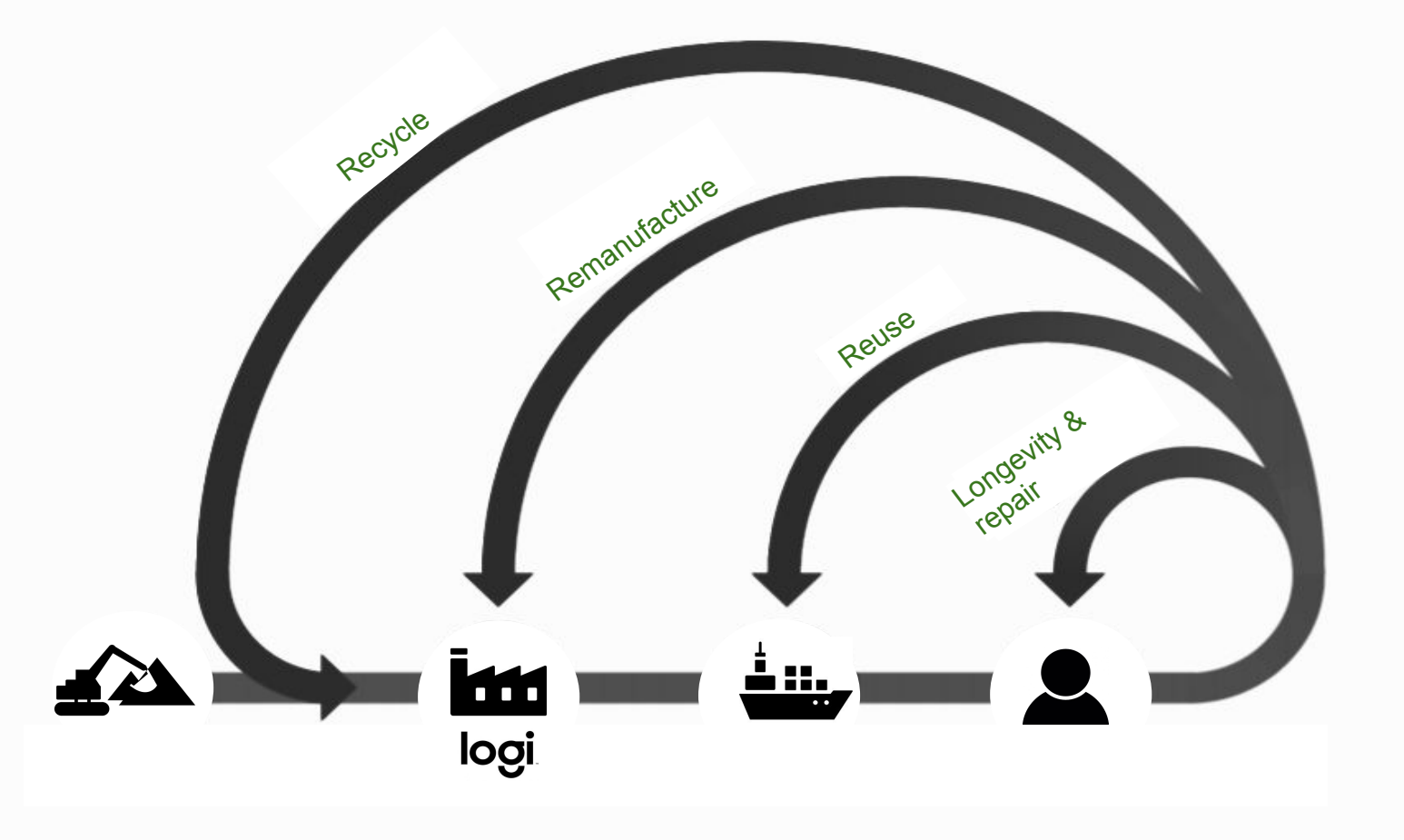
# LCA drives insights

CONTRIBUTION OF KEY COMPONENT GROUPINGS TO CARBON LOADING





# EVOLVING FROM LINEAR TO CIRCULAR SUPPLY CHAIN



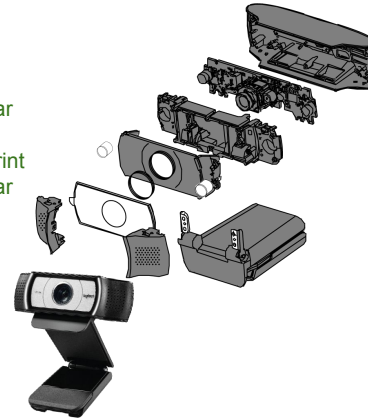
# WORLD'S FIRST RECYCLED PLASTIC MICE & WEBCAM

**78% LIFE CYCLE CARBON  
REDUCTION**

68% PCR plastic

30t of virgin plastic  
eliminated each year

51t of carbon footprint  
eliminated each year

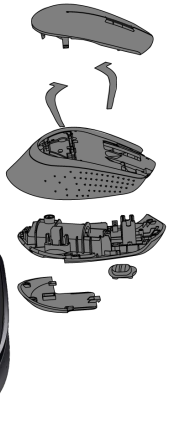


**C930e Webcam**

51% PCR plastic

19t of virgin plastic  
eliminated each year

40t of carbon footprint  
eliminated each year



**M275 Mouse**



40% Reduction in life cycle water usage  
97% Reduction in life cycle fossil fuel usage



# ERGO M575 – IMPACTING SUSTAINABILITY IN NEW PRODUCTS

## A DESIGN CHOICE YOU'LL FEEL GOOD ABOUT



### QUALITY THAT LASTS

ERGO M575 is durable and reliable. With Swiss engineering and end-to-end control of the production process, it's designed to perform for more than 3 million quality clicks.



### MADE WITH RECYCLED PLASTIC

The plastic parts in ERGO M575 include certified post consumer recycled plastic — 50% for Graphite and 21% for Off-White — to give a second life to end-of-life plastic from old consumer electronics and help reduce our carbon footprint.

[ABOUT RECYCLED PLASTIC >](#)



### DESIGNED FOR POWER EFFICIENCY

The innovative sensor performs its best with ultralow battery consumption. Stay powered up to 2 years on a single AA battery<sup>2</sup>.



### RESPONSIBLE PACKAGING

The paper packaging of the ERGO M575 comes from FSC®-certified forests. By choosing this product, you are supporting responsible management of the world's forests.

**-27%** in life-cycle **Carbon**

**-32%** in life-cycle **Toxicity**

**265%** increase in **Recyclability**

**-57%** reduction in **Water Use**

**100%** reduction in **Plastic** pkg

**100%** of **FSC-certified** paper pkg

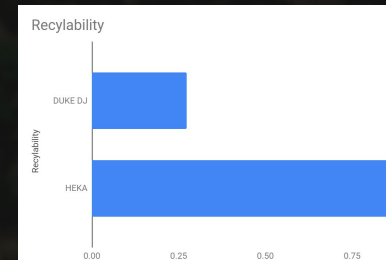
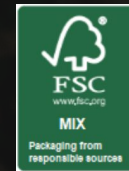
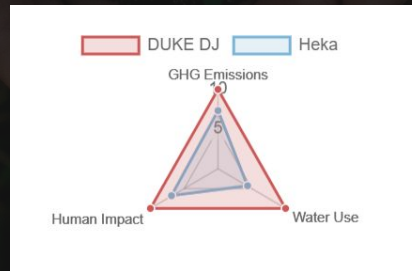
85% PCR



85% PCR



35% PCR



# IMPACTING PORTFOLIO CARBON THROUGH RECYCLED PLASTICS (PCR) & RENEWABLE ELECTRICITY PROGRAMS



## Just In 2021

**50M**

50 million  
devices using  
PCR

**>7000t**

virgin plastic  
eliminated

**>50%**

mice &  
keyboards with  
PCR

**11,000t**

Carbon  
eliminated  
annually



**88%**

of total electricity  
WW sourced from  
renewables  
representing  
1,700t carbon

**>13,000t**


carbon eliminated -  
operating Suzhou  
carbon neutral

**>40,000t**

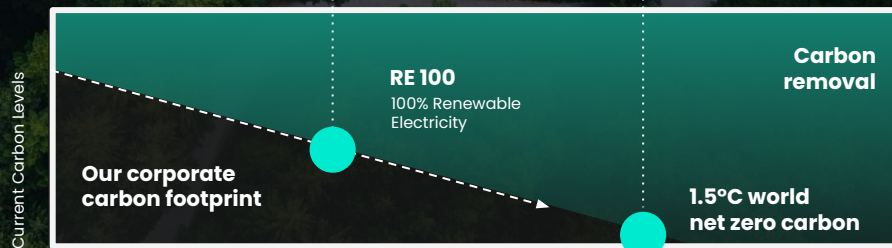
tonnes of Carbon  
reduced by shifting  
major suppliers to  
sourcing from  
renewables



# WE HAVE MADE PROGRESS LAST YEAR

- Removed 64,000 tonnes carbon (>120% of target)  
 Equivalent to 156 million auto miles
- 88% electricity, from renewable sources

## Our Roadmap Supporting 1.5°C



Carbon removal from Design for Sustainability & net zero instruments

# CARBON TRANSPARENCY

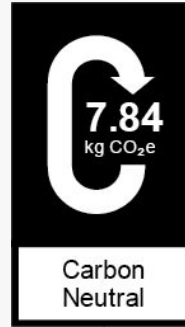
**First consumer electronics company** to provide detailed carbon impact labeling on product packaging across the entire portfolio

## Carbon is the new calorie

We are empowering consumers with more information on their purchasing choices

Galvanize an industry-wide shift to lower the impact of carbon on the environment

logitech







**Thank You**

