



**DESIGN** for  
**ENVIRONMENT**  
**REPORT 2024**



Electronics Product  
Stewardship Canada

## Electronics Product Stewardship Canada (EPSC)

is pleased to present the most recent Sustainability Reports of our Member Companies.

Consumer electronics manufacturers continue to make significant progress towards reducing greenhouse gas emissions, participating in a circular economy and in reducing plastics in products and packaging.

Electronics manufacturers are working to make their devices more sustainable every day. Products are longer-lasting, recycled content is increasing, and design increasingly has repair and recycling in mind from the start.

EPSC members demonstrate a commitment to sustainability and the circular economy as can be seen in their corporate Sustainability Reports. These reports measure and report on progress aligned with environmental goals important to consumers, investors, governments, and local communities.



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## Responsible Electronics Manufacturers, Members of EPSC

- Apple Canada Inc.
- Asus
- BenQ America Corp.
- Brother International Corp.
- CIARA Technologies
- Canon Canada Inc.
- Cisco Systems Canada Inc.
- Dell Canada Inc.
- Epson of America Inc.
- Fujitsu Canada Inc.
- Hewlett Packard Enterprise
- HP Canada Co.
- IBM Canada Ltd.
- LG Electronics Canada, Inc.
- Lenovo (Canada), Inc
- Lexmark Canada Inc.
- Microsoft Corporation
- Northern Micro Inc.
- Oracle America Inc.
- Panasonic Canada Inc
- Ricoh Canada Inc.
- Samsung Electronics Canada Inc.
- Sony North America
- TCL North America

**We are pleased to present achievements of EPSC members as well as links to their most recent Sustainability Reports.**



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## APPLE: [Apple Environmental Progress Report 2024](#)

- Apple has reduced emissions by over 55 percent since 2015.
- 320+ suppliers committed to using renewable electricity for Apple work.
- Apple 2030 is a commitment to be carbon neutral for our entire footprint by 2030.
- We're building products with more recycled and renewable material than ever. Last year over 20% of materials in Apple products came from recycled sources.



## ASUS: [Sustainability Report 2023](#)

- ASUS increased the use of environmentally friendly materials for products and packaging to a ratio of 40% in 2023.
- Recycled plastic usage increased 2.6 times compared to 2020.
- Our main products utilize 90% recycled paper.
- Expanded gaming product line with EPEAT eco-label certification



## BenQ: [BenQ Sustainability Report 2023](#)

- Business monitor bl2780T is made up of 65% recycled plastic.
- Overall reductions in the use of plastics in packaging cushioning materials reached 90%.



## BROTHER INTERNATIONAL: [Integrated Report 2024, Sustainability Website 2024](#)

- Brother has set a goal to reduce the ratio of virgin materials used in products to 65% or less by FY2030 through the expansion of circular-economy-based businesses incentives and materials recycling.



## CANON: [Canon Sustainability Report 2024](#)

- In 2023, Canon reduced Scope 1 and 2 emissions by 10.2% and Scope 3 emissions by 18.5% compared to 2022.
- Set a goal of 3%-per-year average improvement in lifecycle CO2 emissions improvement index per product. Avg. improvement: 3.95 p.a. (2008-2023).



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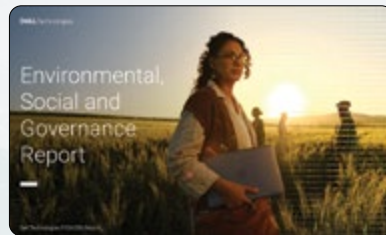
## CIARA Technologies (A Hypertec Brand): [Hypertec Sustainability](#)

- Hypertec has partnered with Oceanworks to source 50% of its plastic needed for manufacturing from ocean recuperation.



## CISCO: [2023 Purpose Report](#)

- 27% of Cisco's products and packaging meet circular design criteria with a 22% reduction in overall foam usage
- 24% of plastic usage is made of recycled content



## DELL: [FY2024 ESG Report](#)

- Dell sourced 61.5% of electricity from renewable sources in FY2024 and reduced greenhouse gas emissions by 40.6% in FY2024.
- In FY24, 14.1% of product content was made from recycled, renewable or reduced carbon emissions materials.



## EPSON: [Epson Group 2023 Sustainability Report](#)

- Scopes 1 and 2 GHG emissions were reduced by 60% compared to FY2017 in FY2023
- Scope 3 GHG emissions were reduced by 45% compared to FY2017 in FY2023



## FUJITSU GROUP: [Sustainability Data Book 2023](#)

- Fujitsu achieved a 58.4% reduction in GHG emissions from their business sites in FY 2023 compared with FY 2013.



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Hewlett Packard Enterprise



## HEWLETT PACKARD ENTERPRISE: [Living Progress Report 2023](#)

- HP achieved reductions of Scopes 1 and 2 emissions by 18% in 2023 from a 2020 base year.



## HP: [HP Sustainable Impact Report 2023](#)

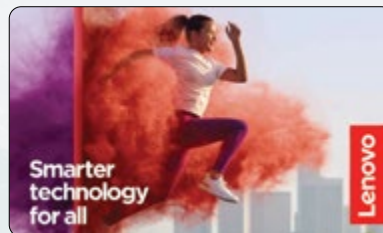
- HP aims to eliminate 75% of single-use plastic packaging by 2025, compared to 2018.
- Achieved a 62% reduction of single-use plastic packaging from an average of 221 grams/unit in 2018 to 85 grams/unit in 2023.



## IBM: [IBM ESG Report 2023](#)

- IBM reduced its operational GHG emissions by 68.5% in 2023 against base year 2010, adjusted for acquisitions and divestitures, meeting its 2025 goal, two years early.
- Set goal to reach net-zero operational GHG emissions by 2030.

Lenovo



## LENOVO: [ESG Report FY 2023/24](#)

- Lenovo prohibits the intentional addition of the following pollutants to any of its parts: Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs) Deca-Brominated Diphenyl Ethers.
- The Company continues to work with its suppliers to pilot new BFR- and PVC- free applications.

Lexmark



## LEXMARK: [Lexmark Sustainable Report 2023](#)

- The circular economy remains an area of focus and we continue to make significant progress with our use of post-consumer recycled (PCR) plastics.
- Currently, for Lexmark designed and branded products, there is an average of 40% PCR by mass in hardware devices and 43% in cartridges.



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**BETTER  
LIFE  
FOR ALL**

Life's Good.

## **LG ELECTRONICS:** [LG Sustainability Report 2023-2024](#)

- In 2023, we modified the material of our TV model (50UQ8300ENF), which resulted in a 19% reduction in product weight (approx. 2.8 kg), a 7% reduction in product volume (0.013 m3), and a 3% reduction in packaging material weight (0.11 kg) compared to the previous model (50LF6500).
- Altered product structure, reducing fastening part quantity by 21%, from 33 to 26



## **MICROSOFT:** [Environmental Sustainability Report 2024](#)

- The post-consumer recycled content used in Microsoft devices packaging currently stands at 53.8%.
- Microsoft reduced single-use plastics across their product packaging portfolio by 2.7% in FY2023.
- Goal to eliminate single-use pastics in all Microsoft primary packaging by 2025.



## **NORTHERN MICRO:** [Northern Micro Environmental](#)

- Northern Micro offers a FREE take-back program for packaging materials and Northern Micro products. This service is available nationwide in Canada and offers both pick-up or mail back options.



**Social Impact Report**

Environmental and social impact for a changing world.

Download the Social Impact Report (PDF)

## **ORACLE INC:** [Social Impact Data Sheet 2024 and Sustainability Landing Page](#)

- 82% of Oracle's key direct suppliers and 79% of key indirect suppliers have emission reduction targets in place.



## **PANASONIC:** [Sustainability Data Book 2024](#)

- Panasonic is enhancing recycled resin utilization by developing recycling technologies including a more efficient method that improves the performance of recycled resin. They have developed technologies to create new formulas for resin components, adding their proprietary antioxidant and mixing recycled resin with new resin.



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**RICOH**  
imagine. change.



## **RICOH:** [Environment Report 2024](#)

- Towards realizing a circular economy, Ricoh promotes the 3Rs and maintains a high 80-90% level of reuse of parts from recycled products.

**SAMSUNG**



## **SAMSUNG:** [A Journey Towards a Sustainable Future: Samsung Electronics Sustainability Report 2024](#)

- Samsung enhances the durability, repairability, and upgradability of select products, supports regular software upgrades, and operates the Samsung Care+ program to minimize customers' burdens with maintenance and repair, extending the use of their products.

**SONY**



## **SONY:** [Sustainability Report 2024](#)

- Sony is working to expand its use of recycled plastics and make its product more lightweight and compact while minimizing plastic packaging under its Road to Zero global environmental plan. Compared to fiscal year 2018, the amount of virgin oil-based plastics per product unit (excluding packaging materials) in fiscal year 2023 was down approximately 16.1% and the amount of plastics packaging per product unit decreased by 25.1%.

**TCL**



## **TCL:** [Sustainability Report 2023](#)

- TCL Eliminated plastics from packaging of boxes and devices of all their mobile phone products in 2023.
- TCL uses 95% post consumption renewable plastic to replace ordinary plastic in Wi-Fi and router products of our smart connected devices.

**EPSC members work with stakeholders to create effective environmental stewardship programs across Canada.**



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## About EPSC

EPSC represents the interests of electronics manufacturers for innovation in enhanced end-of-life solutions for electronic products in Canada.

EPSC members have shown environmental leadership by working with stakeholders to create effective environmental stewardship programs across Canada, by investing in design improvements to their products and processes, and by establishing standards for the responsible handling of end-of-life electronics.



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