

HP Sustainable Impact

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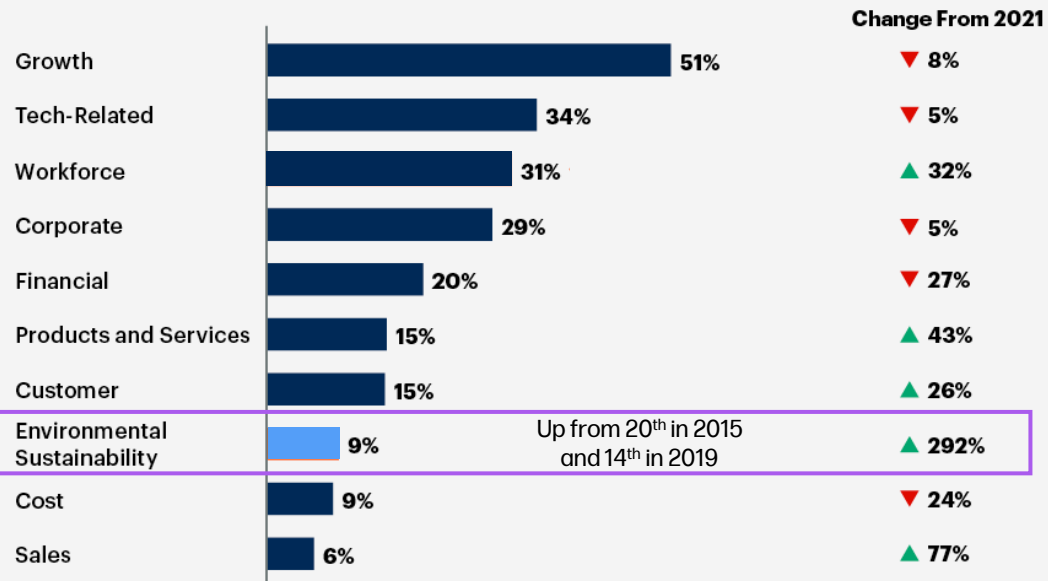


Spotlight on Sustainability

Gartner: Sustainability emerges as top 10 business priority

CEOs' Top 10 Strategic Business Priority Areas for 2022-2023

Summary Top Three Mentions, Coded Responses



Source: Gartner
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Drivers for sustainable business decisions

What are your drivers?

Legislation



Investor, social and political pressure



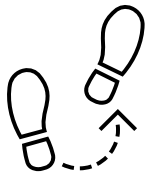
Customer requirements



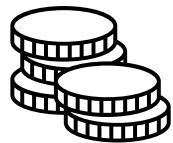
Responsible business ecosystems



New market opportunities



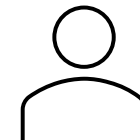
Cost reductions



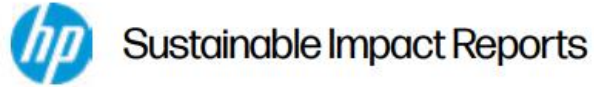
Trust and reputation



Employer attractiveness



Voluntary Non-Financial Reporting



HP has a long legacy of transparency. We've been reporting our progress since 2001.

[Read the report](#)

[Executive Summary](#)

View the previous reports

- [2020 Report and Executive Summary \(PDF, 10MB\)](#)
- [2019 Report and Executive Summary \(PDF, 12 MB\)](#)
- [2018 \(PDF, 6.7 MB\)](#)
- [2017 \(PDF, 6.7 MB\)](#)
- [2016 \(PDF, 6.7 MB\)](#)
- [2015 \(PDF, 5.8 MB\)](#)
- [2014 \(PDF, 5.7 MB\)](#)
- [2013 \(PDF, 7.8 MB\)](#)
- [2012 \(PDF, 6.7 MB\)](#)
- [2011 \(PDF, 4.8 MB\)](#)
- [2010 \(PDF, 4.8 MB\)](#)
- [2009 \(PDF, 6.1 MB\)](#)
- [2008 \(PDF, 1.5 MB\)](#)
- [2007 \(PDF, 2.6 MB\)](#)
- [2006 \(PDF, 2.9 MB\)](#)
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- [2004 \(PDF, 5.6 MB\)](#)
- [2003 \(PDF, 7.2 MB\)](#)
- [2002 \(PDF, 3.7 MB\)](#)
- [2001 \(PDF, 4.6 MB\)](#)

CSRD Scope & Timeline

EU Entities in scope of NFRD

FY beginning from Jan 1, 2024

“Large Undertaking” which is a “Public-Interest Entity” with average +500 employees
Art. 19a

“Public-interest entity” which is the “Parent undertaking” of a “Large group” with average +500 employees
Art. 29a

“Large Undertaking” means an EU-based company that exceeds 2 of these 3 criteria:

- balance sheet of EUR20M;
- Net turnover of EUR40M;
- 250 employees

“Parent undertaking” is an undertaking which controls one or more “subsidiary undertakings”.

“Public-interest entity” means an EU-based listed company, certain regulated banks and insurers as well as entities that have been designated as public-interest entities by an EU Member State

“Large group” means a group of EU-based “parent” and subsidiary undertakings” which (consolidated) exceeds 2 of the 3 criteria for a “Large Undertaking”

EU Entities (newly) in scope of CSRD

FY beginning from Jan 1, 2025

“Large Undertaking”
Art. 19a

“Parent undertaking” of a “large group”
Art. 29a

“Subsidiary undertaking” means an undertaking controlled by a “parent undertaking”, including any “subsidiary undertaking” of an ultimate “parent undertaking”

Non-EU parent entities

FY beginning from Jan 1, 2028

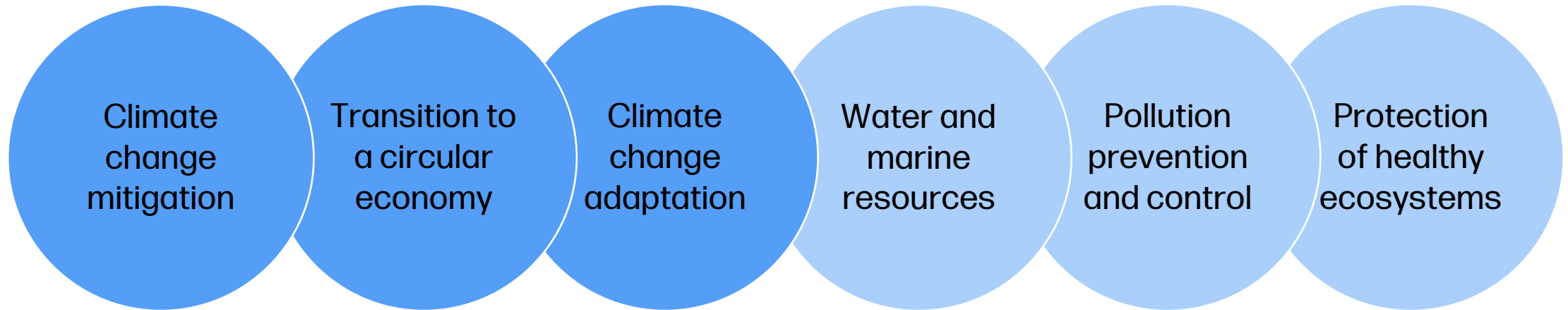
Ultimate “Third country undertaking” must be the subject of a report by its “subsidiary undertaking” or “branch”
Art. 40a

“third country undertaking” is an undertaking governed by the law of a third country that generated, at the consolidated level, or if not applicable, the individual level, a net turnover of more than EUR 150 million in the EU for each of the last two consecutive financial years and which *ultimately* holds either:

- an EU-based “Subsidiary undertaking” which meets the criteria for a “Large undertaking” or a listed SME; or
- where no such “Subsidiary undertaking” exists, an EU-based “branch” which generated a net turnover of more than EUR 40 million the preceding financial year.

Environmental Objectives

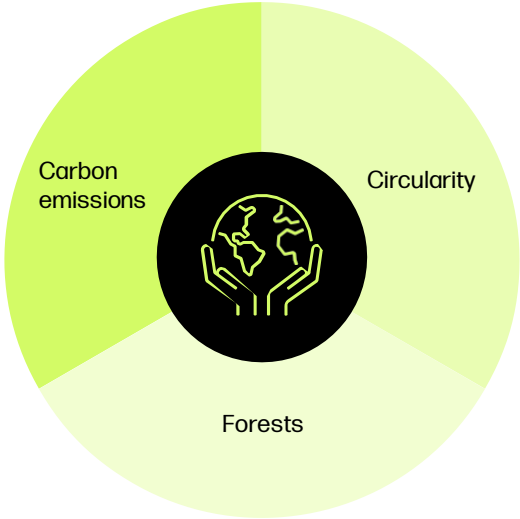
EU Taxonomy



Sustainable Impact Strategy

HP aims to be the world's most sustainable and just technology company.

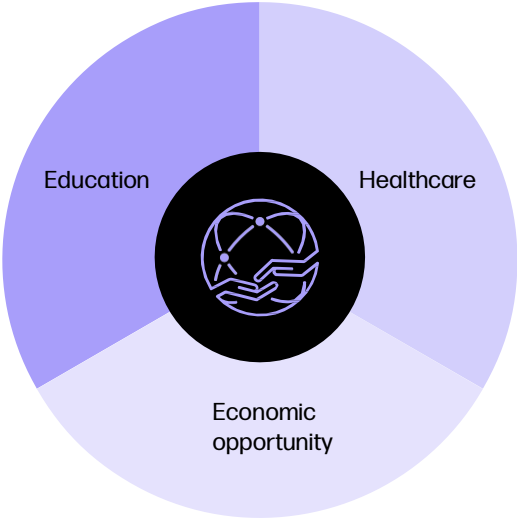
Our ambitious agenda is rooted in science and aligned to the UN Sustainable Development Goals. It connects HP to the most defining and urgent issues of our time and where we can have the greatest impact.



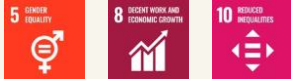
Climate Action



Human Rights



Digital Equity



TRANSPARENCY IN TECH

CDP scores for corporate reporting and action to address climate change, forest risk, and water security

Company	2022 Climate	2022 Water	2022 Forest	2021 Climate	2021 Water	2021 Forest	2020 Climate	2020 Water	2020 Forest
HP	A	A	A	A	A	A	A	A	A
Apple	A-	F	-	A-	F	-	A	F	-
Canon	A-	A-	-	B	A-	-	A	A	-
Konica	A	B	-	A	B	-	A	B	-
Lenovo	A-	A-	-	A-	A	-	A	B	-
Ricoh	A	A-	-	A	A-	-	A	B	-
Dell	A-	B	-	A-	B	-	A	B-	-
Xerox	A	B	-	A-	B	-	A-	-	-
Acer	A-	F	-	A-	F	-	B	F	-
Brother	B	B	-	B	A-	-	B	B	-
Kyocera	A-	B	-	A	A-	-	A	B	-
Asus	B	F	-	B	F	-	B	F	-
Epson	A	A-	-	A	A	-	A	A	-
Lexmark	-	B-	-	C	B-	-	C	C	-



- Evaluated nearly 15,000 companies globally in 2022
- Focuses on corporate-level and supply chain metrics, targets and strategies to reduce impact
- Highest possible score is A

<https://www.cdp.net/>

NOTE: HP is the only company referenced here with a Forest score, giving it a Triple A rating. Dash indicates Not Requested. No supplies-only competitors voluntarily participate in CDP, nor were they invited.



HP Strategy - Climate Action



Use materials responsibly

Goal: Use 30% postconsumer recycled plastic across HP's PS and Print portfolio **by 2025**

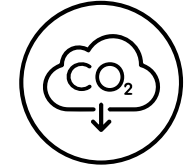
Achievement: 13%



Keep materials and products in use

Goal: Reach 75% Circularity by 2030

Achievement: 39% of all products and packaging by weight



Create a low-carbon future

Goal: Net-Zero by 2040

Achievement: 9% reduction since 2019 in HP's emissions

2025

2030

2040



Strategies to enable a more circular and low-carbon economy

WE PUT OUR PLANET

FIRST



OCEAN-
BOUND
PLASTICS



RECYCLED
MATERIALS



BULK
PACKAGING



TRANS-
PORTATION



ENERGY
EFFICIENCY



PRODUCT
CERTIFICATIONS



PRODUCT AS
A SERVICE



DURABILITY &
REPAIRABILITY



SECURE
REPURPOSE

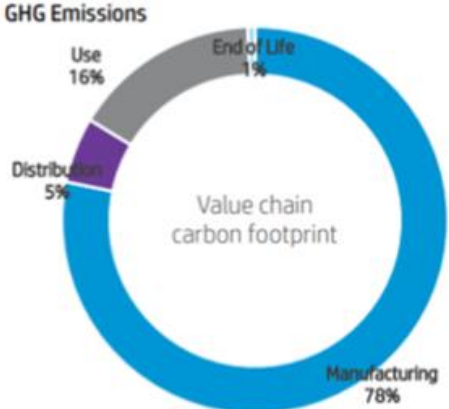


RESPONSIBLE
RECYCLING



HP PC Product Carbon Footprint

HP Elitebook carbon footprint per lifecycle stage (Total: 202 KG CO2 equivalent)



Component	CO2 Weight
Solid Stat Drive SSD	36,1%
Mainboard, CPU & RAM	32,2%
Display	18,2%
Chassis	5,1%
Batteries	3,3%
Power Supply & cables	2,5%
Others	2,2%
Packaging	0,4%

= 86,5% of the CO2 of a PC. Life extension of those components is an absolute priority

Manufacturing phase has the greatest carbon impact

HP Promise



SUSTAINABLE DAAS

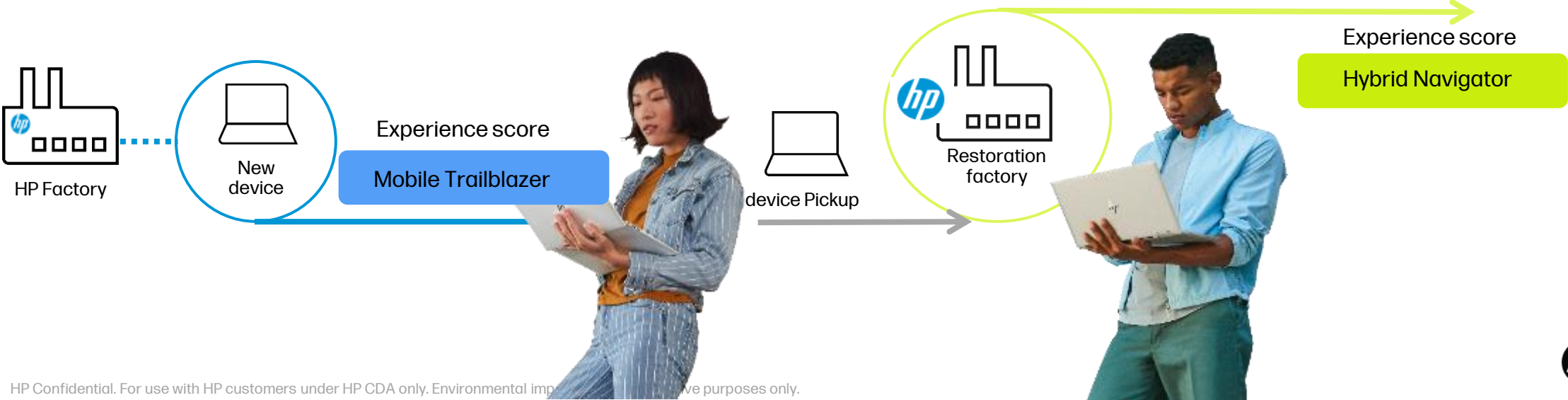
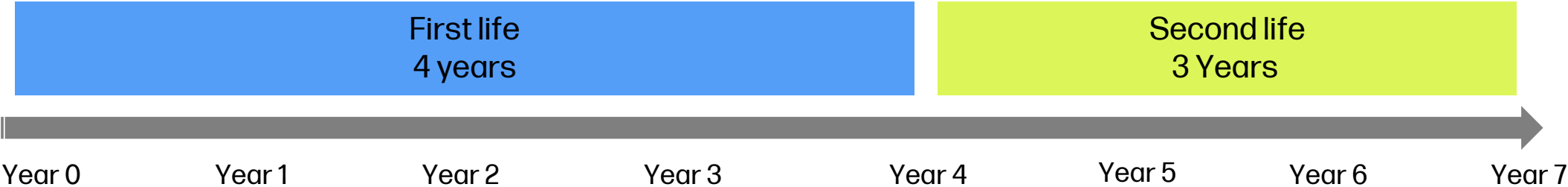
PROACTIVE FLEET MANAGEMENT WITH DEVICE LIFE EXTENSION UP TO 7 YEARS

Redirect your resources and let us manage your fleet HP commits* to:

- > REDUCING THE CARBON FOOTPRINT OF YOUR FLEET BY 20-40%
- > REDUCING YOUR FLEET TCO BY 5-15%
- > MAXIMIZING YOUR END USER EXPERIENCE

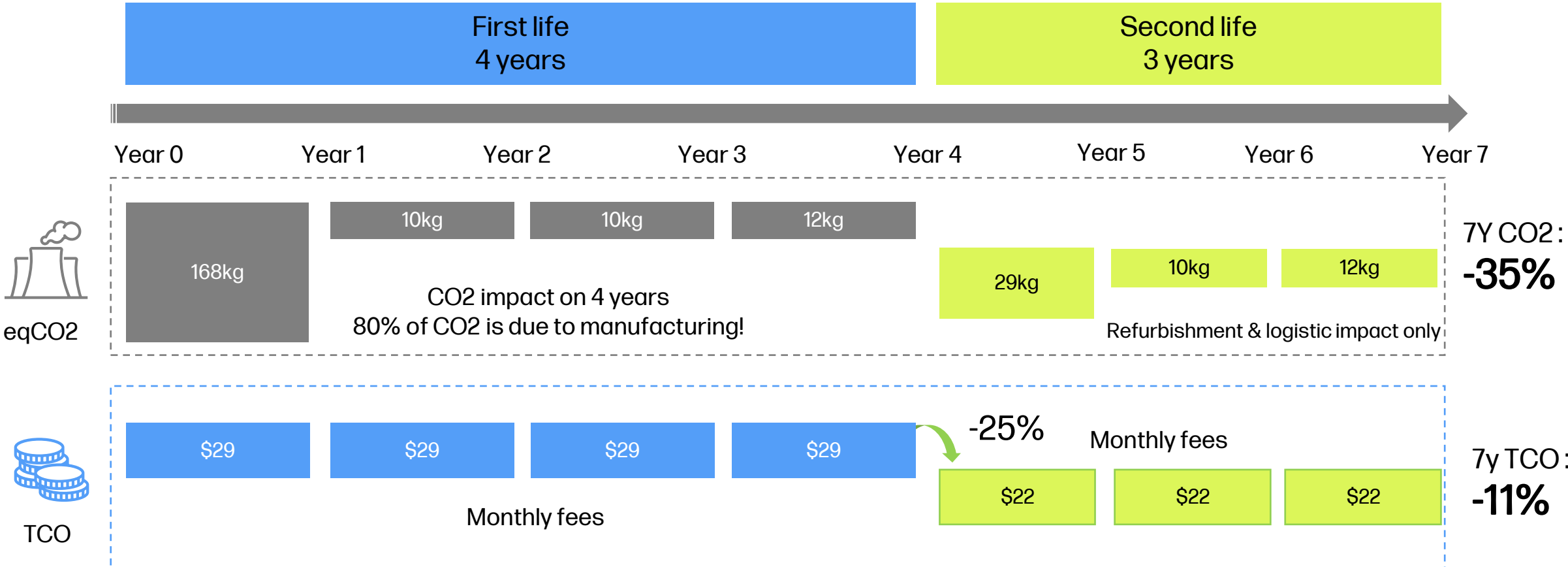
How does it work?

HP picks up a device at the end of its 1st life with Persona A, renews it and redeploys as-new to Persona B for a 2nd life
HP uses analytics to measure performance needs in order to deploy the right device to the right persona
HP swaps devices next business day or ships the as-new device from a pool before collecting the old device



Real Time CO₂ avoidance and TCO savings

Example of a \$1,200 Device which generates 200kg of total CO₂ footprint over a 4 year lifetime



TCO savings and environmental impact are for indicative purposes only. Prices, savings, and carbon impact savings are not guaranteed. Calculations are based on assumptions provided by HP. To create your own business case, please speak to your HP representative.

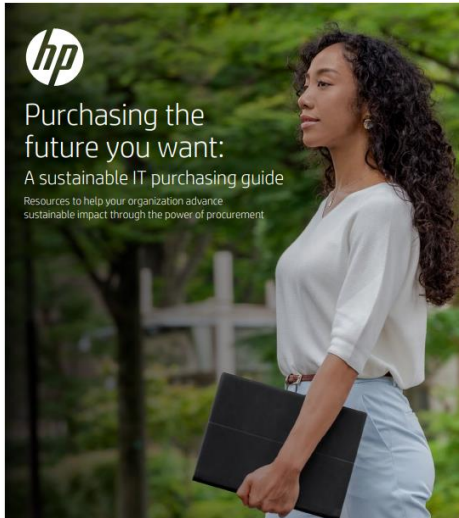




How can you act now?
It's time to insist on sustainable products & services

Meet your needs with Sustainable Procurement

Sustainable IT Procurement Guide



Circular economy ecosystem (continued)

The circular economy is an alternative economic model, where services and products are designed with sustainability such as, product life extension through facilitating repair and in particular their end-of-life design. Production and use are powered by renewable energy and design allows for reuse and at end-of-life complete recovery & recycling of all of the product. Materials such as plastics from these products, are then put back into new products.

Aligning your procurement practices to encourage the circular economy can be achieved by making informed purchasing decisions regarding services and products. Critically, the transition to the circular economy is driven by procurement with these three main circularity drivers – product design, transparency & performance, and supplier relationships.

“Without circular procurement, your sustainability work will be seen as just window dressing”

— TCO Development 2020 report, Impact and Insights: Circular IT Management in Practice

Circularity drivers

- Product Design**
It is commonly understood that a majority of a product's sustainability impacts are determined during the design stage. Continually improving design, and encouraging organizations and their supply chains to do the same, will drive the circular economy. For example, many organizations purchase technology without considering product lifespan and the end-of-life of those products. These are critical design elements and can be specified in bid documents. Value can be derived for your organization by including these costs in purchasing decisions and the concept of total cost of ownership (TCO) is covered in this guide.
- Transparency & Performance**
Social, environmental, and economic transparency means disclosing decisions, activities, goals, and Key Performance Indicators (KPIs) related to these areas. Transparency is the basis for stakeholder dialogue and collaboration. Without transparency, suppliers and their customers are not speaking the same language and are not on the same page about where they are today, nor where they are going together in the future. If the fastest way to green your business is to purchase from one that has already greened their? Adapted from Ray Anderson Former CEO of Interface — understanding who you are doing business with and how they help you contribute to your organization's sustainability goals is critical.

Leveraging sustainable procurement

Procurement and sustainability professionals recognize the vital role sustainable procurement plays in “building the future we want.” There has never been a more pressing of indicators demonstrating the scale of the issues facing humans and the planet.

This document aims to give you effective guidance on how to leverage your technology purchases to enhance the circular economy. The simple definition of sustainable procurement is:

Sustainable Procurement is: “Buying the most sustainable service or good from the most sustainable supplier.”

— An initiative, founded and chaired by Sustainability Champions, Sustainability Advantage

Even a small shift in the way we buy will have a significant impact on overall carbon footprint, which helps to meet the Paris Agreement target and the UN Sustainable Development Goals (SDGs). With the ever-growing impact of climate change, population growth, scarce natural resources, global pandemics and wild weather, the world's economic expansion will need to become more sustainable to build more resilient and sustainable supply chains.

The United Nations estimates that while the industries are responsible for half of the world's carbon emissions and more than 80% of biodiversity loss, according to the most comprehensive environmental data available (land, air, water, and energy). Our consumption-based economic system – “take, make, waste, discard” – is not sustainable.

The transition to a circular economy, based on reuse, repair, and recycle, depends on procurement as a key driver. Organizations can support this transition, not just internally and organically by being? by evaluating the services and products they buy and the companies from whom they choose to do business.



Supplier Relationships

Building relationships with suppliers and aligning on sustainability goals drives innovation and helps create a ripple effect through the supply chain. It also means a compounded positive impact to your organizational objectives – social, environmental, financial, and others. The ISO 26000:2017 Sustainable Procurement – Guidance document provides more depth on supplier relationships.

Suppliers can inform you of capabilities that are available today and what will be possible tomorrow as we collaborate to develop a more sustainable future. Procurement is a strong tool that drives innovation in the technology industry – working with your suppliers to understand how your goals can align with your suppliers' will result in a more circular economy.

SDG 12 - Responsible Consumption and Production

SDG 12 includes “promoting[] public procurement practices that are sustainable, in accordance with national policies and priorities.” Our global material footprint continues to grow while natural resources are not used sustainably. The way organizations produce and consume has a real impact on our future procurement has the power to meet your goals. “To do more and better, work less.” By adopting materials in use and at their highest value.

SDG 17 - Partnerships for the Goals

SDG 17 includes, “promoting[] and strengthening[] effective public, public-private and multi-stakeholder partnerships, building on the experience, and knowledge and strengths of all past partners.” Sustainable development is a team sport that brings many talents and groups together to find the best solutions. Procurement departments have a wide range of knowledge yet cannot be an expert in all areas. When their own, procurement departments need to collaborate with line of business experts and sustainability professionals that have expertise in areas such as, ecological and environmental science, and the social impact to entire supply chains.

The white paper on the collaboration between HP and HPIT? Can help give organizations guidance on successful partnerships.

Recommended sustainable Procurement Criteria for PC, Print and Supplies

Sustainable Procurement Criteria for PC

Designed to support Procurers, both from Public and Commercial organisations extract information from this document to use, as written, in your tenders.

Sustainable Procurement Criteria for Print

Designed to support Procurers, both from Public and Commercial organisations. Easily extract information from this document to use, as written, in your tenders.

Sustainable Procurement Criteria for PC

Topic	Suggested text to include in tender	Verification	Why this is important	SDG
1. Eco Labels	<p>EEPEAT: Offered computers and displays should be registered in the country where the bid is made and meet:</p> <ul style="list-style-type: none"> •EEPEAT Silver level (3.5 points) •EEPEAT Gold level (5 points) <p>TCO Certification: Offered computers and displays should be certified according to TCO certified ecolabel standard valid at the time when the product was put in the market.</p> <p>Energy Star: Offered computers and displays should be certified according to ENERGY STAR ecolabel valid at the time the product was put in the market.</p>	<p>EEPEAT: Listed for the relevant country at epeat.com</p> <p>TCO Certification: Listed in TCO Certified global product</p> <p>Energy Star: Listed in ENERGY STAR global product list of certified products</p> <p>NOTE: Very Eco Label applicability for local market. All EEPEAT registered products are automatically Energy Star qualified.</p>	<p>Ecolabels are voluntary third-party programs that ensure certified or registered products within these ecolabel organizations, meet a set of advanced sustainability criteria. Such criteria could include Environmental and Social aspects of the manufacturer with focus on product Design, Supply Chain, Use and Dispose.</p>	
2. Product Carbon Footprint	<p>The Product Carbon Footprint (PCF) should have been analyzed and documented in accordance with ISO 14040 series.</p>	<p>The PCF analysis document performed according to ISO 14040 series has been provided for offered products. This criterion is included as 4.8.11 Optional- Product life cycle assessment and public disclosure of analysis in EEPEAT, IEEE 1880.1™ Standard referring to the ISO 14040 series.</p>	<p>Product Carbon footprint is an estimate of the total climate change impact of a product throughout its entire life cycle, from extraction and manufacturing to end of life. The PCFs are important to guide design strategies as carbon dioxide equivalents are often referred to as “the currency of the environment.”</p>	
3. Repairability	<p>Service manuals should be made available by suppliers for relevant products.</p> <p>To further complement this, brands can submit external rating for repairability of their products to highlight their commitment and accessibility.</p>	<p>Brands should provide service manuals for relevant products.</p> <p>External ratings for products should be provided by independent agencies, notably that of iFixit which rates the repairability of laptops across key brands. Ratings can be found here.</p>	<p>Availability of replaceable parts and service manuals facilitate product repair and therefore help to extend product lifespans and reduce the frequency of replacing whole products. This supports a shift to a circular economy, as well as potentially lowering the cost for users.</p>	
4	<p>Sustainable IT Procurement Guide More on Sustainable Procurement</p>		<p>Compiled by HP Inc. September 2022</p>	

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Thank You



