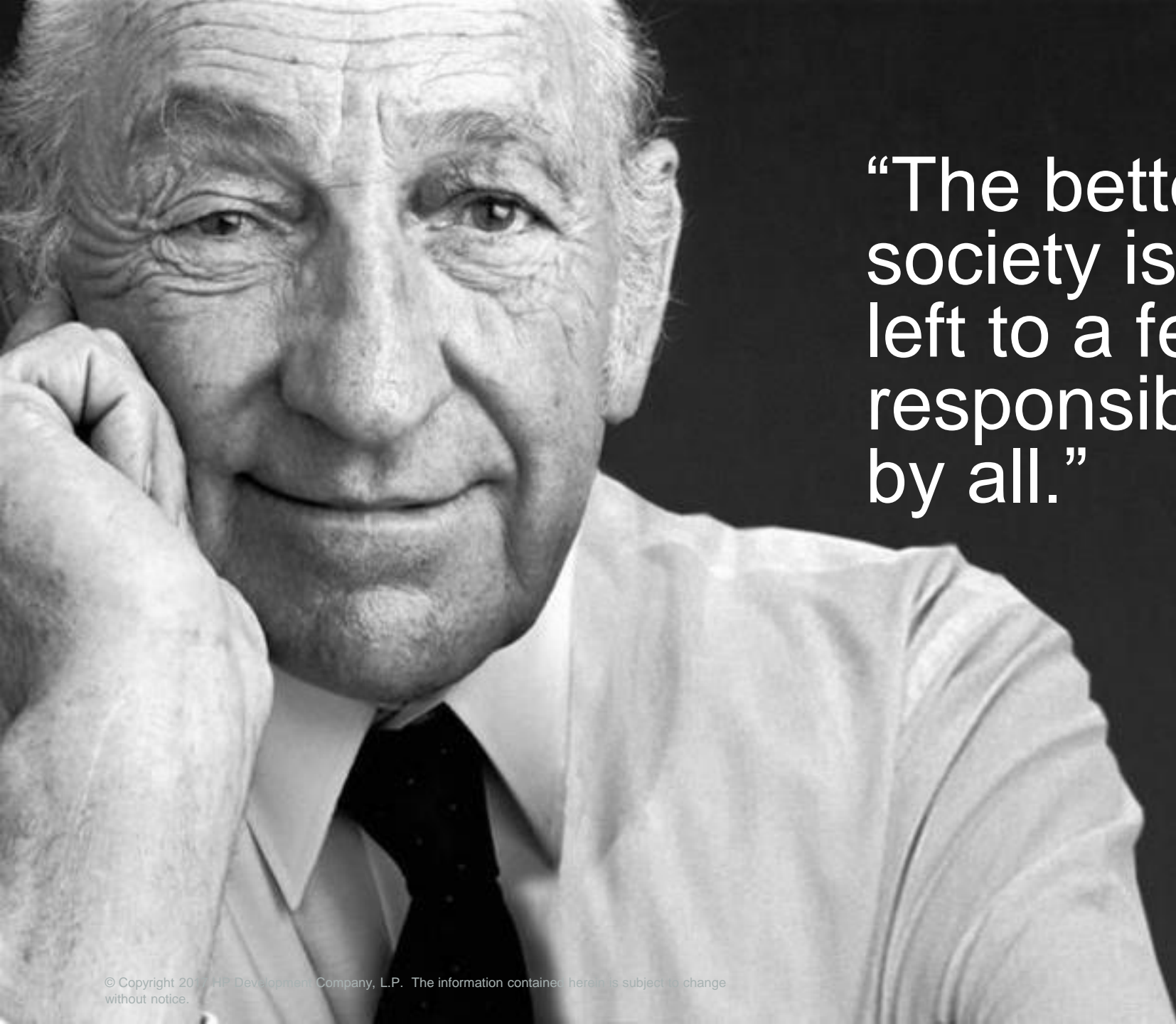# Re-Use Berlin

Fachdialog "Wiederverwendung gebrauchter IKT-Geräte"

Wiederverwendung am Beispiel HP

27. August 2020

Kathrin Dinh, Sustainability & Compliance, HP
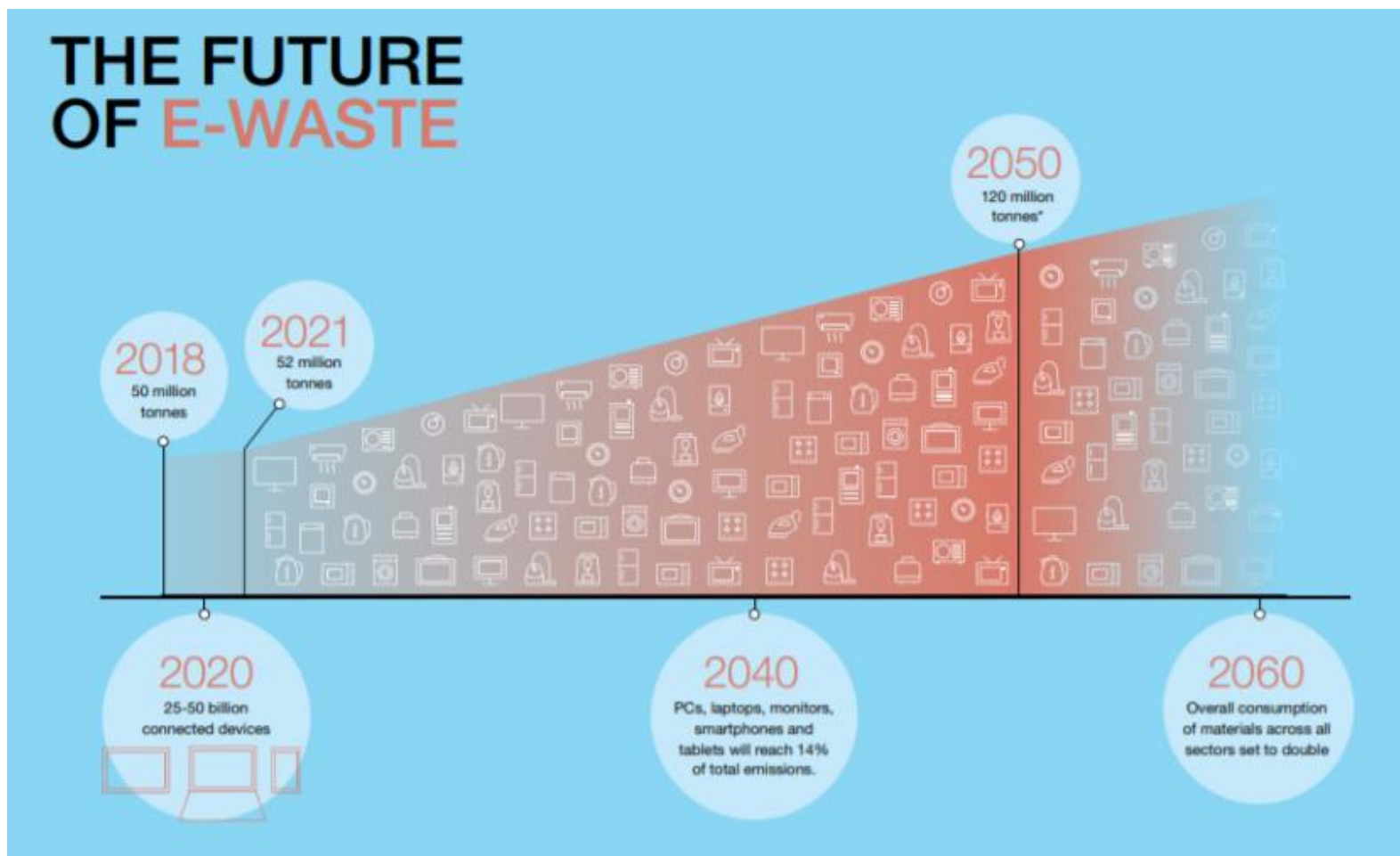
kathrin.dinh@hp.com

"The betterment of our society is not a job to be left to a few. It is a responsibility to be shared by all."
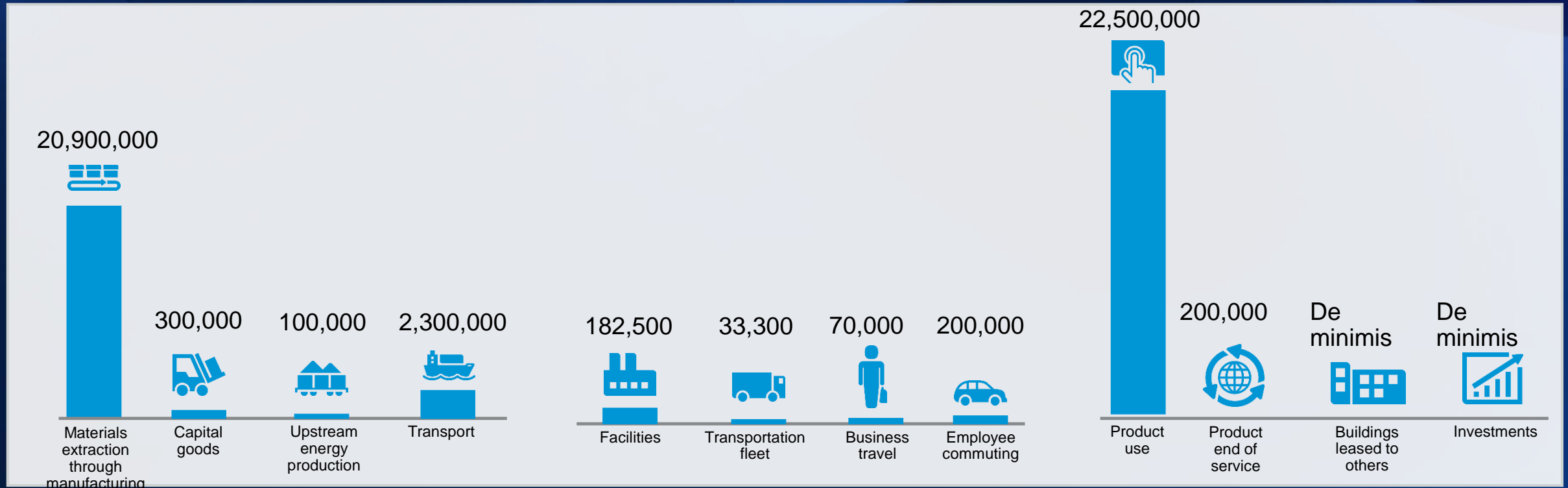
Dave Packard

Environmental background

- Number of IOT devices are growing exponentially

- 50 M tonnes of e-waste produced in a year (The equivalent of 4500 Eiffel Towers)

- By 2040, carbon emissions from the production and use of electronics will reach 14% of total emissions

HP's global emissions impact

Supply chain (50%)

20,900,000	300,000	100,000	2,300,000
Materials extraction through manufacturing	Capital goods	Upstream energy production	Transport

Reduce first-tier production supplier and product transportation-related GHG emissions intensity 10% by 2025, compared to 2015

Achieve zero deforestation associated with HP brand paper and paper-based product packaging by 2020

Help suppliers cut 2 million tonnes of CO_2e emissions between 2010 and 2025

Operations (1%)

182,500	33,300	70,000	200,000
Facilities	Transportation fleet	Business travel	Employee commuting

Reduce Scope 1 and Scope 2 GHG emissions from global operations by 60% by 2025, compared to 2015

Use 60% renewable electricity in global operations by 2025; 100% by 2035

Products and solutions (49%)

22,500,000	200,000	De minimis	De minimis
Product use	Product end of service	Buildings leased to others	Investments

Reduce HP product use GHG emissions intensity by 30% by 2025, compared to 2015

PS Device End of ~~Life~~ Use options

	STANDARD RECOVERY	ENHANCED RECOVERY	PREMIUM RECOVERY
	RECYCLING	**DATA SANITIZATION AND RECYCLING**	**DEVICE RECOVERY SERVICE**
	Recycling service compliant with applicable legislations	Secure your data and ensure compliant recycling	Secure your data and receive residual value [2]
Logistics	✓	✓	✓
Recycling	✓	✓	
Data sanitization		✓	✓
Reuse & remarketing			✓
Financial value $			✓
	Free Service over threshold weight[1]	Chargeable Service	Pay out to Customer

1.Threshold weight: 500 KGs / 1,2 k Lb (under implementation). Customer is responsible for deleting any confidential data. No HP liability for customer data
2. Fair market value will be assessed based on age and condition of the device. Not all devices may have any residual value. If not, they will be responsibly recycled. 2. The purchase of new HP devices is a prerequisite for non-HP branded devices.

HP Device Recovery Service Overview

Customer Experience

Device collection → **Data sanitization & Refurbish** → **Certificate of Data Sanitization** + **Sustainability Benefit Report** → **Cash back**

Devices are collected at customer site, packed, and securely transported to a HP approved facility.

Devices go through an extensive audit process. All Data are securely erased in alignment with latest industry standard[1].

Customer receives a Certificate of Data Sanitization, as a proof of successful completion of the data erasure, as well as a Sustainability Benefit Report

Returns the fair market value of the IT devices to the Customers as agreed.

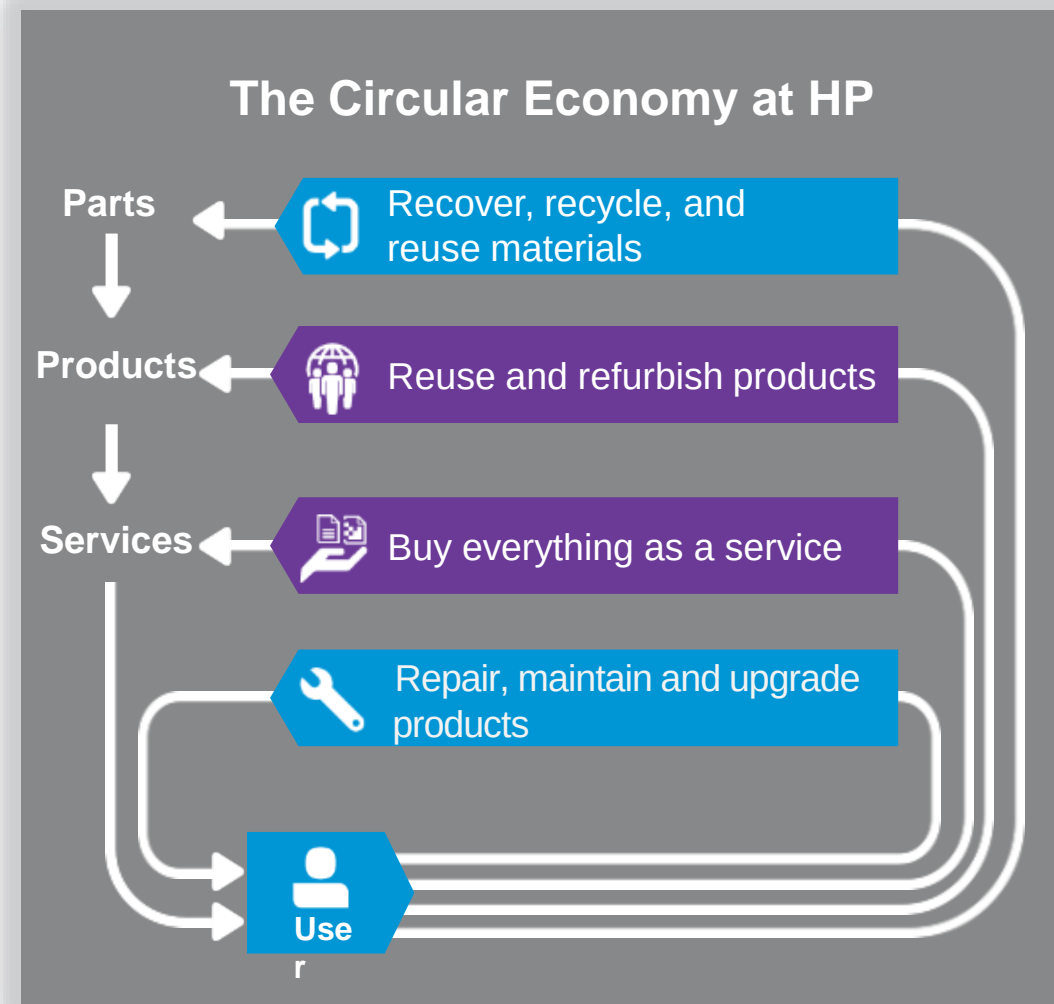Cost of Logistics and Data Erasure services will be deducted.
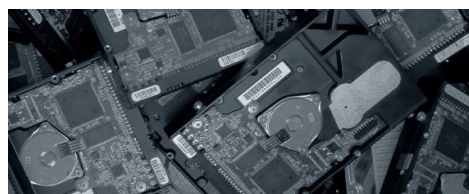
Product Reuse is key to Circular Economy

- Devices **manufacturing** is resource intensive.
  For HP notebooks, the carbon footprint impact related to manufacturing is greater than the impact from their everyday use[1].

- When device is reused, it **retains** all the **energy** and the **material** used during manufacturing.

- Product reuse has **greater environmental benefits than recycling** (inner loop).

The Circular Economy at HP

Parts ← Recover, recycle, and reuse materials

Products ← Reuse and refurbish products

Services ← Buy everything as a service

Repair, maintain and upgrade products

User

Keeping materials in use at their highest value for longer

IFIXIT

HP products are rated highly for durability and repairability. We design our products to last, and make them easy to repair, so they stay in use for as long as possible. HP products consistently receive high rankings as compared to competitors through iFixit. Points are awarded for upgradeability, use of non-proprietary tools for servicing, component modularity

HP EliteBook x360 830 G7
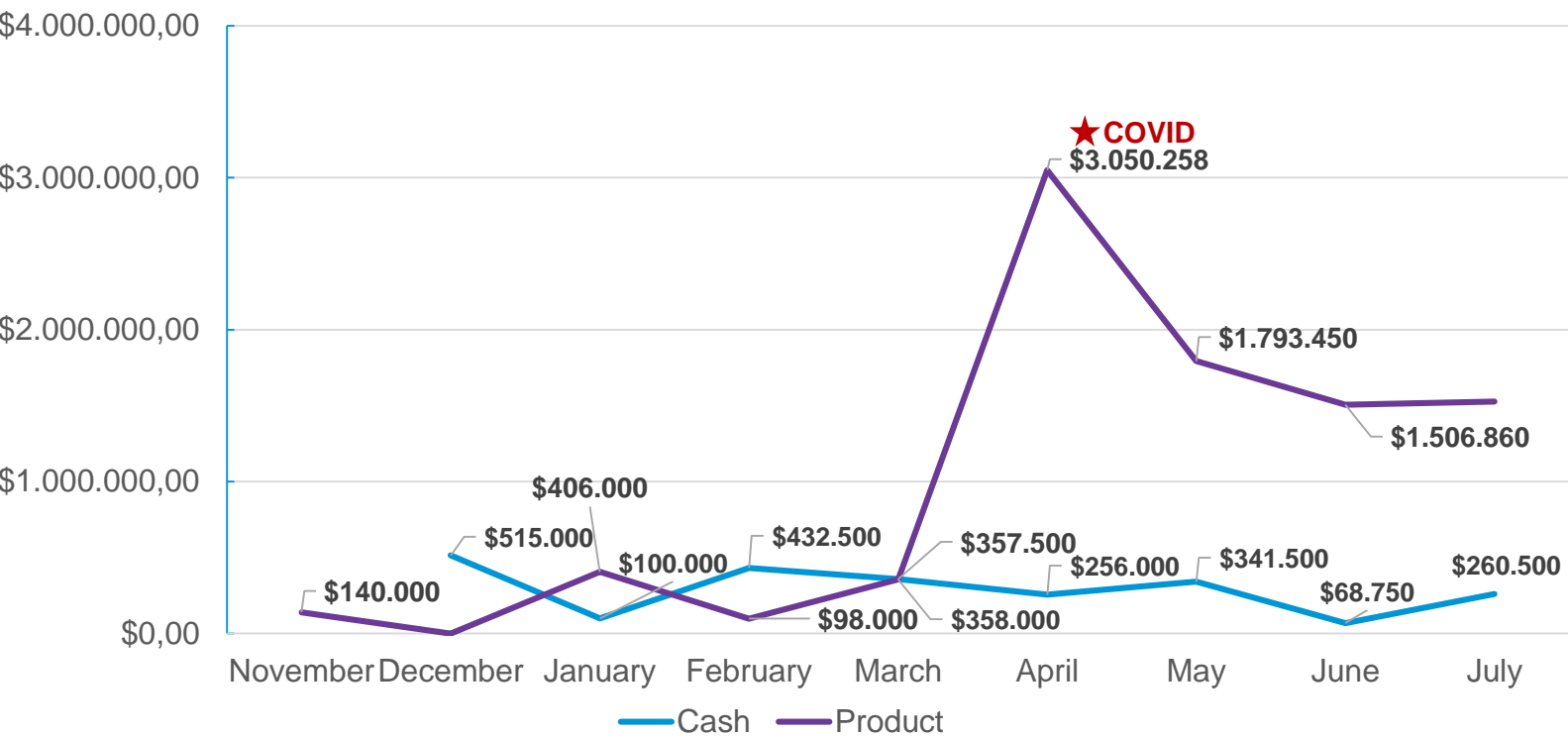
9 out of 10

HP Elite x2 G4

9 out of 10

HP EliteBook 840 G7

9 out of 10

HP Corporate Giving – Social Impact

FY'20 Donations

★ COVID
$3.050.258

$1.793.450

$1.506.860

$406.000
$515.000
$100.000
$432.500
$357.500
$256.000
$341.500
$260.500
$140.000
$98.000
$358.000
$68.750

$4.000.000,00
$3.000.000,00
$2.000.000,00
$1.000.000,00
$0,00

November December January February March April May June July

— Cash — Product

$10M Donated YTD

22 Countries Impacted

$1.05M in product donations diverted from scrap

HP Refresh Program

1 in 3 students are without a laptop

In this unprecedented time, students need laptops in order to stay connected at home and participate in remote learning.

HP is donating millions of dollars worth of technology to aid education, but together, we can do even more.

Organize your community and gather unused computers, safely wipe the data using HP software, and donate them to students in need.

Unused computers   +   HP Refresh software   =   Students connected for online learning

The program is available to use globally, but the resources and software are currently only available in English.

https://www8.hp.com/us/en/solutions/education/refresh.html#section=download