



ESG-rapport

2022 - 2023



I. Indhold

<i>Udtalelse fra Descom</i>	3
<i>Om Descom</i>	4
<i>FN's verdensmål</i>	5
<i>Environmental</i>	6
<i>Social</i>	9
<i>Governance</i>	13
<i>Vores ESG-nøgletal 2022-2023</i>	14
<i>Aftryk hos vores producenter</i>	16
<i>Bæredygtighed hos Lenovo</i>	16
<i>Bæredygtighed hos Dell</i>	25
<i>Bæredygtighed hos Logitech</i>	27
<i>Bæredygtighed hos HP</i>	31



Udtalelse fra Descom's CEO

Hos Descom er bæredygtighed ikke blot et ord; det er en vejledende filosofi, der former vores beslutninger og handlinger.

Vi er dedikerede til at integrere bæredygtige praksisser på tværs af hele vores forretning og opbygge en virksomhed, der ikke blot opfylder nutidens behov, men også tager ansvar for morgendagens udfordringer.

Vi ved, at vores rolle som teknologisk leverandør giver os en unik mulighed for at påvirke forandring. Gennem vores samarbejde med producenter og partnere, vores forpligtelse til miljøbeskyttelse og ressource effektivitet samt vores vedvarende fokus på etik og mangfoldighed, har vi fokus på at skabe et bæredygtig fundament for vores virksomhed.

Med venlig hilsen

Johnny Helander

CEO hos Descom A/S



Alt i IT-infrastruktur

Descom er blandt Danmarks førende IT-leverandører med et stort og bredt udvalg inden for alle de kendte kvalitetsmærker.

Vores team består af erfarne fagfolk med en dyb forståelse for den nyeste teknologi og branchestandarder. Vi arbejder tæt sammen med vores kunder for at forstå deres unikke behov og levere en løsning, der passer til dem.

Vores brede sortiment på over 800.000 produkter inkluderer alt lige fra servere og netværksudstyr til software til styring af forretningsprocesser og sikkerhedsløsninger. Med vores ekspertise og dedikation til kundetilfredshed kan vi hjælpe virksomheder med at opbygge og vedligeholde deres IT-infrastruktur.

Vi tilbyder blandt andet:

- IT-infrastruktur
- Hardware
- Software
- Service ydelser
- Server/storage
- Netværk
- Lager og logistik
- Pro AV
- Printer og toner
- Refurbished
- Ergonomi



FN's verdensmål

I vores forretning har vi stort fokus på FN's verdensmål. Vi har tydeligt markeret vores engagement ved at placere FN's emblemer på de mål, vi allerede arbejder aktivt med. Dette er vores måde at vise vores dedikation til en bæredygtig fremtid og til at bidrage til en bedre verden.

i 2023 har vi fokus på følgende mål:

- 3. Sundhed og trivsel
- 4. Kvalitets uddannelse
- 5. Ligestilling mellem kønnene
- 8. Anstændige job og økonomisk vækst
- 12. Ansvarligt forbrug og produktion
- 17. Partnerskaber for handling



Environmental

Miljømæssig bæredygtighed er en central del af vores DNA. Vi har dedikeret os til at reducere vores miljømæssige fodaftryk og minimere vores påvirkning på planeten. Gennem vores målrettede initiativer og investeringer arbejder vi på at mindske energiforbrug, affaldsproduktion og CO2-udledning.

Vi stræber efter at integrere miljømæssig ansvarlighed i alle aspekter af vores forretning og arbejder aktivt på at fremme bæredygtige praksisser i hele vores leverandørkæde. Vores mål er at være en positiv kraft for planeten og at efterlade en sund og bæredygtig verden for fremtidige generationer.

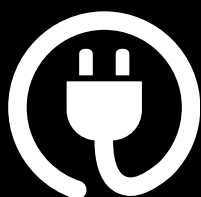


Emossioner



Scoop 1

Direkte udledninger fra brændstof, affald.



Scoop 2

Indirekte energi udledninger såsom købt elektronik og varme.



Scoop 3

Andre direkte udledninger som indkøbte vare, forretningsrejser og transport.



Valg af producenter med klimafokus

Vi har nøje udvalgte producenter, der arbejder aktivt på at nedbringe deres CO₂-udledning.



0% e-affald

Vi sikrer, at alt e-affald bliver genbrugt, og derfor har vi 0% e-affald i virksomheden.

Resultater i 2023

0%

E-affald

19%

Nedsætning i scoop 1

65%

Nedsætning i scoop 3

18%

Nedsætning af
medarbejder CO2

Social

Vi er forpligtede til at fremme et retfærdigt, inkluderende og mangfoldigt arbejdsmiljø, hvor alle medarbejdere behandles med respekt og lige muligheder. Vi investerer i medarbejderes trivsel og udvikling, herunder uddannelsesmuligheder, sundhedsprogrammer og støtte til work-life balance. Desuden samarbejder vi med lokalsamfund og velgørende organisationer for at styrke vores sociale impact og bidrage til de samfund, hvor vi opererer.



Arbejdssikkerhed og trivsel

Vi prioriterer vores medarbejderes sundhed og sikkerhed højt. Gennem omfattende træning, risikovurderinger og tæt samarbejde med vores medarbejdere stræber vi efter at skabe et arbejdsmiljø, der er frit for skader og fremmer trivsel. Firmaets mangfoldighed, inklusion og antichikane blev implementeret i 1. kvartal 2023.

Samfundssamarbejder og socialt ansvar

Vi ser os selv som en integreret del af et bredere samfund og stræber efter at give tilbage. Gennem partnerskaber og samarbejder engagerer vi os i lokale initiativer og projekter, der gavner samfundet og forbedrer livskvaliteten for dem, vi betjener.

Uddannelse og udvikling

Vi investerer i medarbejdernes udvikling gennem uddannelsesprogrammer og karrierevejledning. Ved at støtte deres vækst og potentialer, bidrager vi ikke kun til deres individuelle succes, men også til vores virksomheds fremtidige styrke.

Vores mål er at være en arbejdsplads, der er præget af integritet, lighed og ansvarlighed. Vi arbejder konstant på at forbedre vores praksis og indvirkning på alle disse områder, og vi forbliver engagerede i at stræbe efter de højeste standarder inden for arbejdstagerrettigheder, mangfoldighed, inklusion, arbejdssikkerhed og samfundssamarbejder.



Samfundsansvar

I 2023 demonstrerede Descom sin dedikation til samfundsansvar ved at opføre to netcaféer, som tilbyder støtte og muligheder for udsatte børn og unge i lejre i Danmark. Disse netcaféer fungerer som trygge rum, hvor børn og unge kan udforske og udvikle deres digitale færdigheder, få adgang til uddannelsesmateriale og skabe forbindelse til den digitale verden.

Descom tror på, at adgang til teknologi og digital læring kan være en katalysator for personlig vækst og muligheder. Ved at etablere disse netcaféer har vi til hensigt at give de udsatte børn og unge en bro til en bedre fremtid. Vi er stolte af at være en positiv kraft i lokalsamfundet og ser frem til at fortsætte med at støtte og inspirere de næste generationer.



Ansvarlighed og bæredygtighedsengagement

Vi anerkender vigtigheden af at opretholde høje standarder for arbejdstagerrettigheder, fremme mangfoldighed og inklusion, sikre arbejdssikkerhed samt etablere meningsfulde samfundssamarbejder. Vores dedikation til disse områder er en integreret del af vores bæredygtighedsstrategi og vores engagement i at skabe en positiv indvirkning på mennesker og samfund.

Arbejdstagerrettigheder og velfærd

Vi vægter respekten for arbejdstagerrettigheder højt og sikrer, at vores medarbejdere nyder godt af ordentlige arbejdsvilkår, rimelig løn og retfærdig behandling. Vores politikker og procedurer er udformet med henblik på at opretholde en inkluderende, respektfuld og støttende arbejdskultur.

Mangfoldighed og inklusion

Mangfoldighed er en styrke, der beriger vores virksomhed. Vi stræber efter at skabe et miljø, hvor alle stemmer værdsættes, uanset baggrund, køn, race, alder eller evner.

Alle vores
ansatte
bliver sat ind
i disse tiltag

100%



Governance

Vi har som primær prioritet at beskytte og fremme menneskerettigheder, arbejdsrettigheder og miljømæssige hensyn, og vi forventer en tilsvarende forpligtelse fra vores forretningspartnere. Vi har implementeret en striks nultolerancepolitik over for korruption og opfordrer til, at alle overtrædelser rapporteres og adresseres uden forsinkelse. Vores forpligtelse omfatter også at reducere miljøpåvirkningen af vores operationer ved at efterleve gældende miljølove og -standarder samt deltage aktivt i initiativer, der sigter mod at beskytte miljøet.

Desuden opmuntrer vi vores leverandører og entreprenører til at handle ansvarligt med hensyn til miljømæssige spørgsmål og deltage i bestræbelser på at minimere deres økologiske fodaftryk.

Kort sagt er vores forretningspraksis grundlagt på en kombination af teknologisk innovation, høj etisk standard og bæredygtig miljømæssig praksis. Vi stræber efter at levere værdi til vores kunder samtidig med at gøre en positiv forskel for samfundet og planeten.



Vores ESG-nøgletal 2022-2023

ENVIRONMENTAL			2022	2023
GHG Emissions	Scope 1	tCO2e	4,958.52	4,027.71
GHG Emissions	Scope 2 - location-based	tCO2e	236.10	338.69
GHG Emissions	Scope 3	tCO2e	4,84.01	1,704.33
GHG Emissions	E-waste	tCO2e	8.00	0.00
GHG Emissions	Category 3 - Fuel- and Energy-Related Activities	tCO2e	704.04	640.02
GHG Emissions	Category 6 - Business Travel	tCO2e	600.03	1,000.01
GHG Emissions	Category 7 - Employee Commuting	tCO2e	5,221	3,928
GHG Emissions	Category 1 - Purchased Goods and Services	tCO2e	766,251	587,251
Emissions Intensity	tCO2e emissions intensity per full time employee	tCO2e	217.54	178.54
Water Usage	Water consumption	m3	38.24	33.86

SOCIAL			2022	2023
Employee	Employees at year end		24	22
Employee	Employee turnover		2%	4%
Employees by age group	< 22		24	22
Employees by age group	22-65		24	22
Employees by age group	> 65		2,113	2,372
Gender Diversity	Employees, male		75%	68%
Gender Diversity	Employees, female		25%	32%
Gender Diversity	Leadership, male		75%	75%
Gender Diversity	Leadership, female		25%	25%
Employee	Lost time injuries		0	0
Employee	Absence rate		3.8%	5.1%

GOVERNANCE			2022	2023
Supplier Code of Conduct	Supplier Code of Conduct in place		YES	YES
Ethics & Anti-Corruption	Ethics and/or Anti-Corruption covered by Code of Conduct		YES	YES
Ethics & Anti-Corruption	Completion rate of training in support of the Code of Conduct		95%	100%
Data Privacy	Data Privacy policy in place		YES	YES
Data Privacy	Compliant with GDPR rules		YES	YES
Disclosure Practices	Reports on specific UN Sustainable Development Goals (SDGs)		NO	YES
Environmental Operations	Climate Policy in place		YES	YES
Environmental Operations	Climate target approved by Science Based Target Initiative (SBTi)		YES	YES
External Assurance	Sustainability disclosures assured by a third party		YES	YES

Aftryk hos vores producenter

Vores producentvalgsstrategi er utvetydigt fokuseret på klimaet. Vi har omhyggeligt udvalgt producenter, der proaktivt engagerer sig i at formindske deres CO2-udslip. Dette udgør en bevidst indsats mod en mere bæredygtig fremtid.

Når I vælger produkter fra disse producenter, støtter I en bevægelse mod lavere miljøpåvirkning.



logitech



Lenovo



Bæredygtighed hos Lenovo

Environmental data

	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23
Greenhouse Gas (GHG) Emissions (metric tons CO ₂ equivalent – MT CO ₂ e)					
Scope 1	6,031	7,766	7,269	6,069	6,303
Scope 2 (location-based)	201,321	162,597	177,678	191,778	202,440

	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23
Total Scope 1 and Scope 2 (location-based)	207,352	170,363	184,947	197,847	208,742
Scope 2 (market-based)	26,029	23,852	21,519	21,160	19,540

	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23
Scope 3					
Business Travel	53,500	46,900	11,900	20,255	38,846
Product Transportation ¹⁴	580,363	616,416	815,262	737,979	538,156
Emissions from Waste ¹⁵	1,920	2,110	1,770	1,810	1,808
Employee Commuting	23,600	24,900	39,800	41,043	45,568
Purchased Goods and Services ^{16, 17, 18}	6,475,009	7,032,426	6,495,779	7,798,826	8,662,378
Fuel-and-Energy Related Activities (not included in Scope 1 or 2) ¹⁹	12,100	10,385	11,050	12,000	12,924
Use of Sold Products ²⁰	12,885,000	13,669,000	15,551,000	8,270,000	8,451,000
End of Life Treatment of Sold Products ²⁰	273,500	274,000	303,500	181,000	157,000
Capital Goods ²¹	127,500	446,500	736,500	360,000	833,800
Total	20,432,492	22,122,637	23,966,561	17,422,913	18,741,480

	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23
Emissions Intensity: GHG Emissions – Scope 1 and Scope 2 (location-based) (metric tons per US\$ million revenue)					
	4.06	3.36	3.04	2.76	3.37

	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23
Operational Energy Intensity Use					
Scope 1 and Scope 2 (location-based) (MWh per US\$ million revenue)					
Fuel Combustion	0.61	0.69	0.55	0.34	0.47
Purchased Energy (electricity, steam, cooling)	6.20	5.77	5.16	4.78	5.87
	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23
Operational Energy Use — Scope 1 and Scope 2 (location-based) (MWh)					
Fuel Combustion	30,904.82	35,152.32	33,156.59	24,546	29,165
Purchased Energy (electricity, steam, cooling) ²²	316,482.68	292,645.18	313,526.43	342,340	363,660
	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23
Energy Consumption by Primary Energy Source (gigajoules)					
Fuel	111,257	126,548	119,364	88,364	104,994
Indirect energy:					
Electricity	979,486	979,740	1,053,903	1,165,186	1,256,824
Steam	144,240	66,051	70,092	62,213	50,269
Cooling	9,016	7,731	4,701	5,023	2,081
Total²³	1,243,999	1,180,071	1,248,059	1,320,787	1,414,169
	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23
Energy Consumption by Primary Energy Source (MWh)					
Fuel	30,905	35,152	33,157	24,546	29,165
Indirect energy:					
Electricity	273,912	272,150	292,751	323,663	349,118
Steam	40,067	18,348	19,470	17,281	13,964
Cooling	2,504	2,148	1,306	1,395	578
Total²³	347,388	327,798	346,683	366,885	392,825

	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23
Direct Energy Consumption by Source (Fuel Detail) (gigaJoules)					
Gas/diesel oil (stationary combustion)	10,321	6,442	9,712	5,058	7,122
Natural gas (stationary combustion)	94,476	115,375	106,317	77,757	73,118
Liquefied petroleum gas (LPG) (stationary combustion)	2,550	1,628	1,454	1,401	1,227
On road diesel fuel (mobile combustion)	955	801	626	1,593	1,909
Gasoline/petrol (mobile combustion)	1,703	1,112	996	1,492	1,174
Liquefied petroleum gas (LPG) (mobile combustion)	188	260	236	112	91
Compressed natural gas (CNG) (mobile combustion)	-	-	-	-	-
Jet Kerosene (mobile combustion)	1,064	930	21	952	20,353
Total²³	111,257	126,548	119,364	88,364	104,994

	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23
Direct Energy Consumption by Source (Fuel Detail) (MWh)					
Gas/diesel oil (stationary combustion)	2,867	1,789	2,698	1,405	1,978
Natural gas (stationary combustion)	26,243	32,049	29,533	21,599	20,310
Liquefied petroleum gas (LPG) (stationary combustion)	708	452	404	389	341
On road diesel fuel (mobile combustion)	265	223	174	442	530
Gasoline/petrol (mobile combustion)	473	309	277	415	326
Liquefied petroleum gas (LPG) (mobile combustion)	52	72	66	31	25
Compressed natural gas (CNG) (mobile combustion)	-	-	-	-	-
Jet Kerosene (mobile combustion)	295	258	6	264	5,654
Total²³	30,905	35,152	33,157	24,546	29,165

Globale emossioner

	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23
Global GHG Emissions by Markets (location-based) (MT CO₂e)					
Scope 1					
Brazil	20	340	202	57	31
Chinese Mainland	3,860	3,190	3,826	3,719	2,401
Taiwan, China	177	0	0	-	-
Germany	1,047	652	731	831	720
Hungary	-	-	-	379	132
India	45	84	104	58	44
Japan	268	191	216	226	202
Mexico	80	625	97	80	340
United States	254	2,484	1,931	525	896
Rest of the World ²⁴	279	200	162	195	158

	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23
Scope 2 (location-based)					
Brazil	1,997	1,566	1,321	1,361	1,087
Chinese Mainland	161,087	124,336	147,375	159,278	165,443
Taiwan, China	2,231	2,091	2,231	2,962	4,811
Germany	1,761	1,612	1,249	1,036	961
Hungary	-	-	-	1,219	2,080
India	3,058	2,914	2,690	2,954	2,817
Japan	5,047	5,754	5,133	4,794	4,552
Mexico	3,462	5,029	5,543	6,272	8,282
United States	18,615	15,220	8,939	8,489	9,640
Rest of the World ²⁴	4,062	4,075	3,197	3,412	2,768

Solenergi og vand

	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23
Renewable Energy					
Solar Energy (MWh)	3,938	4,226	9,065	9,360	13,333
Generation Capacity (MW) ²⁵	12.42	16	16	17	17

	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23
Water Withdrawal (Megalliters)					
Withdrawal (All Areas) ^{26, 27}	1,391.30	1,307	1,428	1,567	1,499
Percent Withdrawal from Groundwater (All Areas)	n/a	n/a	<1%	<1%	<1%
Percent Withdrawal from Third-Parties (All Areas)	n/a	n/a	>99%	>99%	>99%
Withdrawal (Areas with water stress) ²⁸	n/a	322	343	377	330
Percent Withdrawal from Groundwater (Areas with water stress)	n/a	n/a	<1%	<1%	<2%
Percent Withdrawal from Third-Parties (Areas with water stress) ²⁹	n/a	n/a	>99%	>99%	>98%
Percent Third-party Water Withdrawal from Surface Water (Areas with water stress)	n/a	n/a	72%	73%	77%
Percent Third-party Water Withdrawal from Groundwater (Areas with water stress)	n/a	n/a	8%	9%	10%



	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23
Water Discharge (Megalliters)					
Discharge (All Areas) ²⁶	1,256.40	1,183	1,294	1,469	1,481
Percent Discharge to Groundwater (All Areas)	n/a	n/a	<1%	<1%	<1%
Percent Discharge to Third-Parties (All Areas)	n/a	n/a	>99%	>99%	>99%
Discharge (Areas with water stress) ²⁸	n/a	298	326	371	323
Wastewater Exceedances	0	0	0	1	0

	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23
Water Consumption (Megalliters)					
Consumption (All Areas) ²⁶	134.9	124	134	98	18
Consumption (Areas with water stress) ²⁸	n/a	24	17	5	7

	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23
Water Intensity Metrics (cubic meters per person)³⁰					
Withdrawal Intensity	n/a	n/a	20	21	19
Discharge Intensity	n/a	n/a	18	20	19
Consumption Intensity	n/a	n/a	2	1	0.2

	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23
Waste by Category (Metric Tons) ³¹					
Nonhazardous Waste ³²	45,439.49	43,023	51,648	49,403	50,420
Hazardous Waste ³³	66.11	74	37	125	679
Total	n/a	n/a	51,685	49,528	51,099
Total Diverted from Disposal	n/a	n/a	46,198	43,705	44,644
Total Directed to Disposal	n/a	n/a	5,487	5,823	6,455

Waste

	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23
Waste Diverted from Disposal by Recovery Operation (Metric Tons)³⁴					
Total Nonhazardous Waste Diverted for Recovery	n/a	n/a	46,195	43,656	44,056
Nonhazardous Waste Diverted for Resale/Reuse	n/a	n/a	28,099	24,599	23,072
Nonhazardous Waste Diverted for Recycling ³⁵	n/a	n/a	18,096	19,056	20,984
Total Hazardous Diverted for Recovery ³⁶	n/a	n/a	3	49	588

	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23
Waste Directed to Disposal by Disposal Operation (Metric Tons)³⁷					
Total Nonhazardous Waste Directed to Disposal	n/a	n/a	5,453	5,747	6,364
Nonhazardous Waste Directed to Incineration	n/a	n/a	27	776	2,337
Nonhazardous Waste Directed to Incineration with Energy Recovery	n/a	n/a	3,093	3,262	3,075
Nonhazardous Waste Directed to Landfilling	n/a	n/a	2,334	1,709	952
Total Hazardous Waste Directed to Disposal	n/a	n/a	34	76	91
Hazardous Waste Directed to Incineration	n/a	n/a	28	73	75
Hazardous Waste Directed to Landfilling	n/a	n/a	0.09	0	0.6
Hazardous Waste Directed to Treatment	n/a	n/a	6	3	16

End of life

	CY 2018	CY 2019	CY 2020	CY 2021	CY 2022
Product End-of-Life Management (PELM) Disposition (Metric Tons)³⁸					
Reused	652	1,557	1,695	1,875	see footnote 39
Recycled	18,919	24,856	28,076	30,143	see footnote 39
Waste to Energy (WTE)	845	987	793	523	see footnote 39
Incinerate	338	1,126	1,978	728	see footnote 39
Landfill	255	159	340	894	see footnote 39
Total	21,010	28,685	32,882	34,163	see footnote 39

	CY 2018	CY 2019	CY 2020	CY 2021	CY 2022
Product Take Back (PTB) Disposition (Metric Tons)³⁸					
Reused	309	1,023	1,536	1,556	see footnote 39
Recycled	18,589	24,112	27,249	29,295	see footnote 39
Waste to Energy (WTE)	845	987	782	519	see footnote 39
Incinerate	338	1,041	1,904	728	see footnote 39
Landfill	254	143	324	885	see footnote 39
Total	20,334	27,306	31,795	32,983	see footnote 39

	CY 2018	CY 2019	CY 2020	CY 2021	CY 2022
Use of Recycled Plastics In Products (kilograms)⁴⁰					
Plastics Containing Recycled Content (PCRC)	7,757,414	7,721,398	5,946,839	7,787,871	6,973,663
Net Post Consumer Recycled Content (PCC)	5,537,278	5,840,788	4,352,788	5,760,388	5,243,723

Emballage

	CY 2018	CY 2019	CY 2020	CY 2021	CY 2022 ⁴⁵
ENERGY STAR® Certified Products Availability (% of product)					
Notebook Platforms ⁴¹	92%	93%	98%	92%	90%
Desktop Platforms ⁴²	97%	97%	97%	98%	83%
Workstation Platforms	80%	90%	98%	100%	100%
Server Platforms ⁴³	90%	94%	90%	94%	92%
Monitors ⁴⁴	98%	94%	90%	80%	69%

	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23
Average Packaging Weight per Unit by Product Category (grams)					
Notebook	n/a	n/a	528	528	528
Desktop	n/a	n/a	1,900	1,900	1,900
Server	n/a	n/a	4,614	4,614	4,614
Workstation	n/a	n/a	1,700	1,700	1,700
Monitor	n/a	n/a	1,920	1,920	1,920
Smartphone	n/a	n/a	100	100	110
Tablet	n/a	n/a	373	373	373
Accessory	n/a	n/a	300	300	300

	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23 ⁴⁷
Total Packaging (Metric Tons)					
Total Packaging Material Used for Finished Products ⁴⁶	n/a	n/a	115,041	119,621	99,978



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ADVANCING SUSTAINABILITY

METRICS	FY21	FY22	FY23	NOTES
Sustainable Materials in Products Measured in kilograms unless otherwise noted				
Total sustainable materials used	12,594,607	25,258,183	39,083,428	Total sustainable materials used increased due to our ability to obtain more steel certificates, as well as expanding aluminum to all commercial displays. Plastic values also increased due our ability to claim more products.
Recycled plastics used	12,007,480	19,223,743	21,187,160	PCR plastics have increased year over year due to being able to claim more parts and obtain additional validation.
Reclaimed carbon fiber used	582,591	682,157	465,768	During Fiscal 2023, reclaimed carbon fiber decreased year over year due to a reduction in sales and increased inventory backlog.
Bioplastics used	4,536	280,876	206,798	Bioplastics used decreased year over year due to a reduction in sales.
Recycled steel used	N/A	4,945,428	12,894,542	Recycled steel used increased during Fiscal 2023 due to our efforts to certify more steel mills throughout the reporting year.
Recycled aluminum used in products	N/A	125,979	4,295,795	Recycled aluminum increased significantly year over year due to the expansion of recycled aluminum to all commercial displays height adjustable stands.
Recycled glass used in products	N/A	N/A	8,823	This is the first year we are reporting recycled glass used in our products.
Ocean-bound Plastic Measured in pounds unless otherwise noted				
Ocean-bound plastic used in products ⁴⁰	N/A	N/A	245,667	This is the first year we are reporting ocean-bound plastics used in our products.
Ocean-bound plastics used in packaging	118,875	227,595	150,614	Represents the amount of ocean-bound plastic incorporated into new Dell Technologies-branded product packaging, shipped to original design manufacturers.
Responsible Electronics Disposition				
Percentage of product collected	9.6%	12.1%	16.5%	This percentage is the total units collected for recycling and reuse over the amount of products sold.

ADVANCING SUSTAINABILITY

METRICS	FY21	FY22	FY23	NOTES
Greenhouse Gas (GHG) Emissions Measured in metric tons of carbon dioxide equivalent (MT CO ₂ e)				
Scope 1 and scope 2 market-based greenhouse gas (GHG) emissions	216,300	203,700	199,100	All facilities globally, including leased spaces, plus company-owned and leased transportation. ⁴¹
Scope 1 GHG emissions	44,200	45,600	45,800*	
Scope 2 GHG emissions, market-based	172,200	158,100	153,300*	All facilities globally, including leased spaces. ⁴²
Scope 2 GHG emissions, location-based	356,900	337,600	330,600*	
Scope 3 GHG emissions – category 1, purchased goods and services ⁴³	8,767,800	13,708,700*	N/A	The FY22 year over year emissions increase was primarily driven by improvements in supplier-reported emissions data, providing a more complete view of our upstream supply chain footprint. This improvement, combined with an increase in sales, is responsible for the increase from our FY20 baseline. Future reporting will include recalculated historical data as available and deemed necessary.
Scope 3 GHG emissions – category 3, upstream fuel- and energy-related activities	105,500	143,000	129,500*	Upstream emissions associated with the purchased fuels and electricity used in Dell Technologies operations.
Scope 3 GHG emissions – category 4, upstream transportation/ distribution	1,098,200	1,350,600	1,123,500*	Per the Global Logistics Emissions Council (GLEC) Framework scope 3, category 4 guidelines, this figure includes the well-to-wheel (WTW) emissions from outsourced logistics transportation and distribution contracted by Dell. Downstream transportation and distribution from customer pickup orders is also included in Dell's upstream transportation and distribution figure. ⁴⁴
Scope 3 GHG emissions – category 6, business travel	61,400	19,600	54,800*	Scope 3, category 6 covers business travel by Dell team members, including emissions from air and rail travel, hotel stays and rental car fuel emissions.
Scope 3 GHG emissions – category 11, use of sold product ⁴⁵	13,100,000	13,590,000	14,410,000*	In FY23, our scope 3 emissions from use of sold product increased 6% from the previous year, driven primarily by data improvements in our calculation. Additionally, this represents a 2.3% decrease from our FY20 baseline. Future reporting will include recalculated historical data as available and deemed necessary. The scope of this data includes all server systems, storage systems, networking systems, displays, client notebook and desktop systems, including Precision and Alienware.

ADVANCING SUSTAINABILITY

METRICS	FY21	FY22	FY23	NOTES
Energy Used in Dell Technologies Operations Measured in million kilowatt-hours (kWh) unless otherwise noted				Energy figures in this section are for all facilities globally, including leased spaces, plus company owned and leased transportation.
Electricity consumed (total)	941	907	884	
Renewable electricity consumed	508	502	522	
Quantity generated onsite	0.8	1.4	2.0	
Renewable electricity as a percentage of total consumption	54%	55%	59%*	
Other energy consumed	149	156	154	
Total energy consumed	1,090	1,063	1,038*	
Water Used in Dell Technologies Operations Measured in thousand cubic meters (m³) unless otherwise noted				Water figures in this section are for all facilities globally, including leased spaces.
Water withdrawals - total volume	1,931	1,778	1,650*	
Third-party sources	1,882	1,736	1,622	Fresh water and reclaimed wastewater obtained from municipal and private sources.
Groundwater and surface water sources	49	42	28	
Freshwater used in high water stress locales	45	39	48	The FY23 year-over-year increase in freshwater used in high water stress locales can primarily be attributed to an increase in employees returning to site, resulting in higher water use at these buildings.
Freshwater used in non-high water stress locales	1,161	1,098	1,124	

METRICS	FY21	FY22	FY23	NOTES
Waste from Manufacturing Operations Measured in metric tons (MT) unless otherwise noted				
Nonhazardous waste generated	12,505	14,224	16,971	Data is for Dell Technologies-owned facilities that assemble products.
Landfill avoidance rate as percentage of total nonhazardous waste generated (%)	97%	99%	99%	
Nonhazardous waste recycled or reused	10,544	12,599	15,340	
Nonhazardous waste recovery (waste to energy)	1,476	1,390	1,347	
Nonhazardous waste incinerated	4	0	0	
Nonhazardous waste composted	54	48	61	
Nonhazardous waste landfilled	427	186	223	
Health and Safety Metrics (Dell Technologies operations)				
Recordable injury/illness rate	0.04	0.04	0.04	Cases per 100 full-time employees (FTEs).
DART (Days Away, Restricted or Transferred) rate	0.02	0.03	0.03	
Total number of work-related fatalities	0	0	0	Cases for all employees
Material Environmental Fines				
We were not assessed any material environmental fines, nor did we have any material environmental remediation or other environmental costs, during Fiscal 2023.				



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CLIMATE ACTION

TABLE 1 FUEL, REFRIGERANT, AND ELECTRICITY CONSUMPTION

	UNITS	CY15	CY16	CY17	CY18	CY19	CY20	CY21	CY22
FUEL AND REFRIGERANT CONSUMPTION									
Production Facility: Natural Gas	m ³	0	0	0	0	0	0	0	0
Production Facility: Petrol	L	21,506	18,967	12,567	12,286	11,418	8,865	9,064	8,647
Production Facility: Diesel	L	5,942	7,154	7,896	7,139	7,990	7,079	6,832	4,745
Production Facility: HCFC-22	kg	162	213	215	185	105	100	48	42
Production Facility: HFC-134a	kg	68	80	240	120	164	175	50	0
Offices: Natural Gas	kWh	2,438,122	2,737,125	2,919,415	3,052,978	2,308,108	1,794,832	2,021,116	1,732,805
ELECTRICITY CONSUMPTION									
Production Facility: Electricity	kWh	18,057,215	20,007,694	21,295,383	22,947,641	21,498,069*	21,000,185	21,229,913	20,254,271
Offices: Electricity	kWh	7,680,409	8,368,482	9,047,402	9,251,047	8,420,826	7,587,555	7,067,106	7,399,094

*In CY18, we captured electricity use at a third-party, non-controlled dormitory. Previously we only reported emissions from owned and controlled facilities.

Coverage: 100 % of our activities worldwide. CY19 and CY20 data for office electricity is now updated to reflect backdated emissions from offices that were acquired in CY21.



Emissioner

TABLE 2 OUR SCOPE 1 EMISSIONS/CARBON FOOTPRINT

SCOPE 1 EMISSIONS	UNITS	CY15	CY16	CY17	CY18	CY19	CY20	CY21	CY22
Production Facility: Natural Gas	tCO ₂ e	0	0	0	0	0	0	0	0
Production Facility: Petrol	tCO ₂ e	47	42	28	27	25	21	20	20
Production Facility: Diesel	tCO ₂ e	16	19	21	19	21	19	17	13
Production Facility: Hcfc-22	tCO ₂ e	293	386	389	335	190	181	87	76
Production Facility: Hfc-134a	tCO ₂ e	97	114	343	172	235	250	72	0
Offices: Natural Gas	tCO ₂ e	498	560	597	562	424	330	370	312
TOTAL	tCO₂e	952	1,120	1,377	1,114	895	801	566	421

Coverage: 100 % of Scope 2 emissions worldwide.

TABLE 3 OUR SCOPE 2 EMISSIONS/CARBON FOOTPRINT

SCOPE 2 EMISSIONS	UNITS	CY15	CY16	CY17	CY18	CY19	CY20	CY21	CY22
Production Facility: Market-Based	tCO ₂ e	12,652	12,636	12,419	0	0	0	0	0
Offices: Market-Based	tCO ₂ e	3,473	3,558	3,874	4,242	1,955	1,089	895	821
TOTAL	tCO₂e	16,125	16,194	16,293	4,242	1,955	1,089	895	821

Coverage: 100 % of Scope 2 emissions worldwide. CY19 and CY20 data for office electricity is now updated to reflect backdated emissions from offices that were acquired in CY21.

TABLE 4 OUR SCOPE 1 AND 2 EMISSIONS/CARBON FOOTPRINT

SCOPE 1 and 2 EMISSIONS	Units	CY15	CY16	CY17	CY18	CY19	CY20	CY21	CY22
TOTAL	tCO₂e	17,077	17,314	17,671	5,355	2,850	1,890	1,461	1,242

Scope 1 and Market-based Scope 2 emissions.

TABLE 5 RENEWABLE AND NON-RENEWABLE ENERGY

		CY15	CY16	CY17	CY18	CY19	CY20	CY21	CY22
Suzhou: Petrol	GJ	705	622	412	403	395	306	316	302
Suzhou: Diesel	GJ	215	258	285	258	314	278	263	182
Suzhou: Electricity	GJ	65,006	72,028	76,663	82,612	77,393	75,601	76,428	72,915
Offices: Gas	GJ	8,777	9,854	10,510	10,991	8,309	6,461	7,276	6,238
Offices: Electricity	GJ	27,638	30,127	32,571	33,304	30,315	27,315	25,539	26,637
Total Electricity Consumption	GJ	92,644	102,154	109,234	115,915	107,708	102,916	101,967	99,552
Total Energy Consumption	GJ	102,341	112,888	120,441	127,567	116,725	109,961	109,821	106,274
RENEWABLE ENERGY (SUZHOU AND OFFICES): TOTAL*	GJ	7,196	16,106	23,185	84,896	95,194	94,827	96,121	94,311
NON-RENEWABLE ENERGY (SUZHOU AND OFFICES): TOTAL**	GJ	95,145	96,782	97,256	42,671	21,531	15,134	13,701	11,963

TABLE 6 UPTAKE OF RENEWABLES AT OUR PRODUCTION FACILITY AND OFFICES

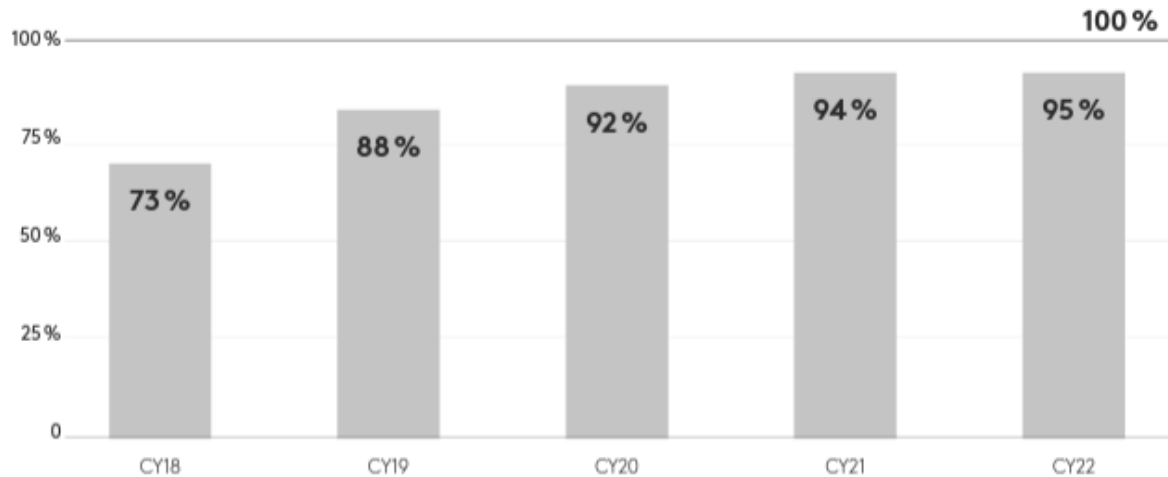
RENEWABLE ELECTRICITY AND ENERGY	UNITS	CY15	CY16	CY17	CY18	CY19	CY20	CY21	CY22
AT OUR PRODUCTION FACILITY AND OFFICES									
Total Renewable Electricity	MWh	1,999	4,474	6,440	23,582	26,442	26,341	26,700	26,197
Total Non-Renewable Electricity	MWh	23,735	23,902	23,903	8,616	3,476	2,247	1,624	1,456
% Renewable Electricity*	%	8%	16%	21%	73%	87%	91%	94%	95%
% Renewable Energy**	%	7%	14%	19%	67%	82%	86%	88%	89%
IN OUR SUPPLY CHAIN									
Total Renewable Electricity Allocated to Logitech	MWh	0	0	0	0	0	70,599	152,963	N/R
TOTAL CARBON SAVING	tCO₂e	0	0	0	0	0	41,271	94,341	75,000

* Renewable electricity as a fraction of total electricity.

** Renewable electricity as a fraction of all energy sources.


GRAPH A UPTAKE OF RENEWABLE ELECTRICITY AT OUR PRODUCTION FACILITY AND OFFICES
% of Total Electricity Addressed by Renewables

■ % Renewable Electricity (Global) — 2030 Target


TABLE 7 SCOPE 1 AND 2 CARBON INTENSITY

	UNITS	CY15	CY16	CY17	CY18	CY19	CY20	CY21	CY22
Carbon Intensity	tCO ₂ e/Million USD	8.055	8.084	7.111	1.943	0.986	0.427	0.252	0.258
Carbon Intensity**	tCO ₂ e/Million units	N/R	N/R	N/R	N/R	N/R	N/R	7.183	7.775

TABLE 8 CARBON ELIMINATION PROGRAMS

PROGRAM TYPE	CARBON (tCO ₂ e)			
	CY19	CY20	CY21	CY22
AVOID/REDUCE				
Manufacturing Efficiency				
Building Services: Led Lighting, Air Compressor Upgrade and Building Controls	248			
Air Compressor Upgrade with Resulting Energy Efficiency Improvement		37		
Chiller Upgrade with Resulting Energy Efficiency Improvement		606		
Energy Efficiency: Fan Upgrade				45
Renewable Electricity: Our Own Production Facility and Offices	14,770	14,615	15,036	14,446

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Carbon footprint (Scopes 1-3)*			
	2020	2021	2022
GHG emissions from operations (Scope 1 and 2)** (tonnes CO ₂ e)	171,000	159,500	151,500
Americas	41,000	39,000	37,700
Europe, Middle East, and Africa	48,100	47,300	37,000
Asia Pacific and Japan	81,900	73,200	76,800
GHG emissions intensity (Scope 1 and 2)*** (tonnes CO ₂ e/US\$ million of net revenue)	3.0	2.5	2.4
GHG emissions by scope (tonnes CO ₂ e)			
Scope 1			
Scope 1 emissions, by region	50,600	48,700	46,800
Americas	39,400	38,800	37,500
Europe, Middle East, and Africa	10,600	9,200	8,800
Asia Pacific and Japan	600	700	600
Scope 1 emissions, by type			
Natural gas	21,400	22,700	21,600
Americas	19,300	20,700	19,800
Europe, Middle East, and Africa	1,800	1,700	1,400
Asia Pacific and Japan	300	300	400
Diesel/gas/oil/LPG****	300	300	100
Americas	200	100	100
Europe, Middle East, and Africa	0	0	0
Asia Pacific and Japan	100	200	0
Transportation fleet†	24,000	20,100	20,100
Americas	17,000	14,300	13,400
Europe, Middle East, and Africa	6,800	5,600	6,500
Asia Pacific and Japan	200	200	200

	2020	2021	2022
Refrigerants (hydrofluorocarbons (HFCs))††	2100	1900	1000
Americas	100	0	100
Europe, Middle East, and Africa	2,000	1,900	900
Asia Pacific and Japan	0	0	0
Perfluorocarbons (PFCs)	2,800	3,700	4,200
Americas	2,800	3,700	4,200
Europe, Middle East, and Africa	0	0	0
Asia Pacific and Japan	0	0	0
Carbon dioxide (CO ₂)	45,700	43,100	41,500
Nitrous oxide (N ₂ O)	0	0	100
Methane (CH ₄)	0	0	0
Scope 2 (market-based method)†††			
Scope 2 emissions, by region	120,400	110,800	104,700
Americas	1,600	200	200
Europe, Middle East, and Africa	37,500	38,100	28,200
Asia Pacific and Japan	81,300	72,500	76,300
Scope 2 emissions, by type	120,400	110,800	104,700
Purchased electricity for operations	119,600	110,100	104,000
Americas	1,600	200	200
Europe, Middle East, and Africa	37,500	38,100	28,200
Asia Pacific and Japan	80,500	71,800	75,600
District cooling and heating (purchased) for operations	800	700	600
Americas	0	0	0
Europe, Middle East, and Africa	0	0	0
Asia Pacific and Japan	800	700	600

	2020	2021	2022
Scope 2 (location-based method)			
Scope 2 emissions, by region	203,600	198,200	196,300
Americas	60,700	55,600	57,300
Europe, Middle East, and Africa	44,900	44,700	40,600
Asia Pacific and Japan	98,000	97,900	98,300
Scope 2 emissions, by type	203,600	198,200	196,300
Purchased electricity for operations	202,800	197,500	195,600
Americas	60,700	55,600	57,300
Europe, Middle East, and Africa	44,900	44,700	40,600
Asia Pacific and Japan	97,200	97,200	97,700
District cooling and heating (purchased steam) for operations	800	700	600
Americas	0	0	0
Europe, Middle East, and Africa	0	0	0
Asia Pacific and Japan	800	700	600
Scope 3 ^A	29,482,000	29,905,000	26,748,000
Materials extraction through manufacturing (category 1; also see Carbon: Supply chain)	17,086,000	18,221,000	16,139,000
Capital goods (category 2)	133,000	90,000	114,000
Upstream energy production (category 3) ^{AA}	51,000	53,000	52,000
Transportation (categories 4 and 9; also see Product transportation) ^{AAA}	573,000	715,000	588,000
Waste generated in operations (category 5)	1,000	1,000	1,000
Business travel (category 6) [†]	20,000	3,000	15,000
Employee commuting (category 7)	155,000	140,000	88,000
Upstream leased assets (category 8) ^{††}	N/A	N/A	N/A
Processing of sold products (category 10)	N/A	N/A	N/A
Product energy use (category 11) ^{†††}	11,327,000	10,537,000	9,603,000
Product end of service (category 12)	126,000	128,000	126,000
Buildings leased to others (category 13)	10,000	17,000	22,000
Franchises (category 14)	N/A	N/A	N/A
Investments (category 15)	De minimis	De minimis	De minimis

Footprint

Water footprint* cubic meters

	2020	2021	2022
Water consumption in HP supply chain—direct use in operations**	18,500,000	20,200,000	19,600,000
Water consumption in HP supply chain associated with the generation of electricity	38,400,000	43,000,000	42,700,000
Water withdrawal in HP operations	2,597,000	2,556,000	2,227,000
Water withdrawal associated with the generation of electricity used in HP operations	2,100,000	2,100,000	2,100,000
Water consumption associated with the generation of electricity used by HP products***	101,400,000	94,200,000	89,600,000

Supply chain environmental impact*

	2019	2020	2021	2022
First-tier production supplier and product transportation-related GHG emissions intensity** *** (tonnes CO ₂ e/US\$ million of HP net revenue)	74.8	73.7	70.9	Δ
GHG emissions				
Production supplier GHG emissions**** (tonnes CO ₂ e)				
Scope 1 and Scope 2 emissions***	3,000,000	2,700,000	2,400,000	Δ
Scope 3 emissions***,†	18,000,000	17,500,000	22,200,000	Δ
Production suppliers with GHG emissions reduction-related goals (% of spend)	94%	95%	92%	Δ
Product transportation GHG emissions** (tonnes CO ₂ e)				
Road (includes rail)	190,000	160,000	260,000	150,000
Ocean	90,000	100,000	90,000	90,000
Air	970,000	1,250,000	1,270,000	1,040,000
Nonproduction supplier Scope 1 and Scope 2 GHG emissions (see Carbon footprint)				
Energy use				
Production supplier energy use*** (MWh)	6,500,000	6,000,000	5,400,000	Δ
Production supplier renewable energy use (% of total energy use)	25%	26%	28%	Δ
Production suppliers that reported using renewable energy*** (% of spend)	78%	77%	84%	Δ
Water				
Production supplier water withdrawal for use***,^ (cubic meters)	37,000,000	36,000,000	30,000,000	Δ
Production suppliers with water-related goals (% of spend)	92%	94%	94%	Δ
Waste				
Production supplier nonhazardous waste generation***,^^ (tonnes)	146,000	126,000	117,000	Δ
Production supplier hazardous waste generation***,^^ (tonnes)	53,000	46,000	54,000	Δ
Production suppliers with waste-related goals (% of spend)	72%	76%	69%	Δ

Footprint

HP operations* (also see Carbon footprint)

	2020	2021	2022
Energy use			
Energy use** (MWh)	604,901	697,058	696,349
Energy intensity*** (MWh/US\$ million of net revenue)	10.7	11	11.1
Direct energy use in operations (corresponds to Scope 1 emissions)** (MWh)	120,911	202,750	202,262
Natural gas	117,945	125,111	118,950
Americas	106,738	114,019	109,001
Europe, Middle East, and Africa	9,760	9,632	7,853
Asia Pacific and Japan	1,447	1,460	2,096
Renewable (generated on-site)	1,525	1,440	1,376
Diesel/gas/oil/LPG****	1,441	1,372	383
Transportation fleet—gasoline	**	52,022	46,489
Transportation fleet—diesel	**	22,804	25,389
Transportation fleet—jet fuel	Δ	Δ	9,676
Indirect energy use (corresponds to Scope 2 emissions) (MWh)	483,990	494,308	494,086
Electricity (purchased)	480,595	491,272	491,272
Americas	192,520	195,891	194,131
Europe, Middle East, and Africa	103,945	108,322	104,262
Asia Pacific and Japan	184,130	187,059	192,878
Voluntary purchases of renewable energy†	239,571	261,196	269,209
Voluntary purchases of no/low-carbon energy	0	0	0
Supplier-specific renewable energy	2,566	1,417	0
District cooling and heating (purchased)	3,395	3,036	2,815
Americas	0	0	0
Europe, Middle East, and Africa	0	0	0
Asia Pacific and Japan	3,395	3,036	2,815

	2020	2021	2022
Waste			
Nonhazardous waste, by region^**** (tonnes)	14,200	13,900	18,800
Americas	7,100	6,700	11,200
Europe, Middle East, and Africa	4,800	4,600	5,700
Asia Pacific and Japan	2,300	2,600	1,900
Nonhazardous waste, by type (tonnes)	14,200	13,900	18,800
Recycled ^*****	10,700	10,500	15,300
Landfilled	2,200	2,000	2,400
Waste to energy	1,300	1,400	1,100
Used electronic equipment recovered from HP operations†	400	500	600
Nonhazardous waste and used electronic equipment recovered from HP operations landfill diversion rate (% of total produced)			
Global	85.2%	86.4%	87.7%
Americas	90.6%	91.5%	90.1%
Europe, Middle East, and Africa	71.5%	74.9%	81.1%
Asia Pacific and Japan	95.8%	90.8%	92.4%
Composition of nonhazardous waste and used electronic equipment recovered from HP†† (percentage of total)			
Paper	21%	22%	31.6%
Packaging materials	13%	23%	17.3%
Pallets	18%	11%	7.3%
Metals	5%	6%	2.8%
Used electronic equipment recovered from HP operations	3%	4%	2.9%
Other***	15%	11%	20.0%
Waste to energy	9%	9%	5.6%
Landfill	15%	14%	12.3%
Hazardous waste**** (tonnes)	6,060	7,060	7,820
Americas	1,180	1,400	1,130
Europe, Middle East, and Africa	2,010	1,730	2,020
Asia Pacific and Japan	2,870	3,930	4,670

	2020	2021	2022
Water			
Water withdrawal, by region (cubic meters)	2,597,000	2,556,000	2,227,000
Americas	1,126,000	1,132,000	944,000
Europe, Middle East, and Africa	252,000	163,000	118,000
Asia Pacific and Japan	1,219,000	1,262,000	1,164,000
Water withdrawal, by source** (cubic meters)	2,597,000	2,556,000	2,227,000
Municipal water	2,307,000	2,232,000	1,945,000
Wastewater from another organization*** (NEWater)	269,000	310,000	279,000
Surface water (rainwater)	1,000	1,000	2,000
Ground water (well water)	20,000	13,000	1,000
Reused treated sewage treatment plant water^ (cubic meters)	0	0	0
Seawater	Δ	Δ	0
Produced water	Δ	Δ	0
Water withdrawal by source from areas with water stress (cubic meters)	Δ	Δ	238,000
Municipal water	Δ	Δ	237,000
Wastewater from another organization*** (NEWater)	Δ	Δ	0
Surface water (rainwater)	Δ	Δ	0
Ground water (well water)	Δ	Δ	1,000
Reused treated sewage treatment plant water^ (cubic meters)	Δ	Δ	0
Seawater	Δ	Δ	0
Produced water	Δ	Δ	0
Water withdrawal from freshwater and other sources (cubic meters)	Δ	Δ	2,225,000
Freshwater (<= 1000mg/L total dissolved solids)	Δ	Δ	2,225,000
Other water (>1000 mg/L total dissolved solids)	Δ	Δ	0
Water withdrawal intensity^*^ (cubic meters/US\$ million of net revenue)	45.9	40.3	35.4
Recycled or reused water^*^*^ (% of total water withdrawal)	10.4%	12.1%	12.5%

	2020	2021	2022
Ozone depletion potential of estimated emissions*			
(kg of CFC-11 equivalent)	4	4	3
Americas	1	0	0
Europe, Middle East, and Africa	3	4	3
Asia Pacific and Japan	0	0	0
Number of violations of legal obligations/regulations**	1	0	0
Fines/penalties related to the above (US\$)	0	0	0

* See About our operational data. In some cases, segments do not add up to total due to rounding.

** Fuel consumption from HP's transportation fleet was not included in the Direct energy use in operations figures prior to 2021.

*** Historical energy-intensity values were calculated using HP's annual revenue as characterized in financial reporting and energy use.

**** Diesel is mostly used at HP for testing generators. In limited cases, diesel is also used for long-term on-site energy generation.

Δ Data not reported prior to 2022.

† Renewable energy and RECs, excluding renewable energy provided by default in the power grid.

†† "Water withdrawal" includes municipal water, wastewater from another organization, rainwater, and well water. Water withdrawal does not include reused treated sewage treatment plant water. In the GRI framework, municipal water and wastewater from another organization are classified as third-party water.

*** NEWater is ultra-purified wastewater used in manufacturing operations in Singapore.

Δ This water was used historically for landscaping and toilets.

^^ Historical water withdrawal-intensity values were calculated using HP's annual revenue as characterized in financial reporting and water withdrawal.

^^^ This includes NEWater (ultra-purified wastewater used in manufacturing operations in Singapore) as well as recycled or reused water reported by sites globally. Greywater is included, rainwater is not.

**** To provide additional transparency, this report presents used electronic equipment recovered from HP operations as a separate category.

***** Reduced and reused waste materials are included in the "Recycled" category.

† We reuse electronic equipment when possible or recycle it responsibly through the some programs we offer customers. See Product repair, reuse, and recycling.

** HP sites report nonhazardous waste volumes and disposition based on information provided by our waste-disposal vendors. For sites unable to directly track nonhazardous waste, we estimate volumes and disposition using intensity factors based on similar operations.

*** Includes food organics, green waste, reused materials, and donations.

**** Includes all waste not sent to a municipal solid waste or recycling facility. This conservative approach classifies all waste managed by our hazardous waste vendor as hazardous, unless we can definitively determine it to be nonhazardous.

***** HP collects all refrigerant consumption data from local facilities maintenance teams company-wide, directly accounting for facilities' refrigerant leakage and use and avoiding the need for extrapolation. We use various tools and sources for global warming potential and ozone-depletion values, including the Greenhouse Gas Protocol's GHG Emissions from Refrigeration and Air Conditioning Equipment tool, IPCC Second Assessment Report (1995).

^^ This data represents safety or environmental violations from a federal or state agency.

Recycle

Product repair, reuse, and recycling*			
	2020	2021	2022
Overall			
Number of countries and territories with HP return and recycling programs	77	77	76
Total reuse and recycling of hardware and recycling of supplies (tonnes)	124,400	129,300	121,000
Percentage of total volume of hardware products and materials taken back that was reused or recycled by HP or by a third party (%)	91%	92%	90%
Repair and reuse			
Electronic equipment repaired** (units)	5,310,000	6,290,000	5,233,000
Electronic equipment reused*** (units)	1,280,000	2,150,000	1,860,000
Electronic equipment reused*** (tonnes)	5,900	7,200	6,700
Overall reuse rate of relevant HP hardware sales worldwide† (%)	1.0%	1.2%	1.2%
Recycling			
Total recycling of hardware and supplies (tonnes, approximate)	118,500	122,000	114,300
Overall recycling rate of relevant HP hardware sales worldwide†† (%)	16.3%	15.6%	16%
Total recycling, by region (tonnes)			
Americas	38,800	39,900	35,000
Europe, Middle East, and Africa	60,200	63,000	55,300
Asia Pacific and Japan	19,500	19,100	24,000
Total recycling, by type (tonnes)			
Hardware	106,500	108,800	100,600
Original HP and Samsung toner cartridges***	10,600	10,300	10,900
Original HP ink cartridges***	1,300	1,500	1,300
HP Indigo supplies	Δ	1,400	1,400
Original HP and Samsung toner cartridge recycling			
HP toner market covered by program (%)	92%	94%	89%
See composition data			
Original HP ink cartridge recycling			
HP ink market covered by program (%)	91%	89%	91%
See composition data			

Produkter og emballage

HP materials use in products and packaging*			
tonnes			
	2020	2021	2022
Electronic products	562,700	602,700	550,300
Metal	202,800	191,700	157,500
Plastic	251,500	243,000	208,300
Other**	108,400	167,000	184,400
Paper	213,300	193,900	173,200
Packaging	166,000	159,800	150,000
Total	942,000	956,400	873,500

* For 2020, the data in this table does not include the following products or packaging for these products: commercial, industrial, or 3D printing products; scanners; personal systems accessories sold separately; spare parts; or the weight of ink and toner in cartridges. For 2021, the data in this table does not include the following products or packaging for these products: PageWide Industrial and 3D printing products; or personal systems accessories and print accessories sold separately.

** For 2020, includes wires/cables, PCAs, LCDs, and batteries. For 2021, includes wires/cables, PCAs, LCDs, batteries, and the weight of ink and toner in cartridges, as well as the total mass of refurbished whole products and parts.

Circularity			
	2020	2021	2022
Circularity for products and packaging* (%)	40%	39%	40%
Recycled content plastic in HP products** (tonnes)	27,490	32,000	32,200
Recycled content metal in HP products*** (tonnes)	Δ	3,500	4,300
Recycled fiber in HP-brand paper and packaging (tonnes)	100,800	105,700	93,500
Certified sustainably managed fiber in HP-brand paper and packaging**** (tonnes)	248,300	227,800	212,500
Reused products and parts (tonnes)	5,900	7,200	6,700

* Percentage of HP's total annual product and packaging content, by weight, that came from recycled and renewable materials and reused products and parts. 2020 data is updated to reflect the exclusion of recycled plastic in packaging. 2022 data does not include the following products or packaging for these products: Scitex-branded and 3D printing products, or personal systems accessories and print accessories sold separately.

** Recycled content plastic in HP products is postconsumer. Although there is recycled content in some plastic packaging, it is not included in this data because we are working to improve the data-collection process. Data from 2020 is restated to exclude recycled plastic in packaging.

*** Recycled content metal in HP products is a mix of certified pre-consumer and postconsumer. 2021 data is updated to provide more complete information.

**** This material is renewable. As defined in the GRI Sustainability Reporting Standards, renewable material is "material derived from plentiful resources that are quickly replenished by ecological cycles or agricultural processes, so that the services provided by these and other linked resources are not endangered and remain available for the next generation."

Δ Data is not available.

Postconsumer recycled content plastic used in HP products*					
tonnes					
	2020	2021	% of total plastic use, 2021	2022	% of total plastic use, 2022
Personal systems	9,780	8,510	14.9%	11,130	22.3%
Home and office printers	8,720	12,700	8.6%	13,300	10.4%
Original HP ink cartridges	5,767	7,788	53.6%	4,560	51.6%
Original HP and Samsung toner cartridges	2,913	2,414	11.7%	2,600	14.7%
Large format and industrial printers	310	560	16.1%	550	16.7%
Total*	27,490	32,000	13%	32,200	15.4%

* Segments for some years do not add up to total due to rounding.







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