

Make the right choice for the environment

Make your print solution carbon neutral with
the CarbonNeutral® product certification¹

Month DD, 2021



Climate change is top of mind for business



The CarbonNeutral® product certification¹ helps **you** meet your climate change goals

Climate change is one of the most significant and urgent issues facing business and society today. The science is clear, the impacts are serious, and action is essential.

3/4 of Fortune Global 500 companies are expected to have met a Science-Based emission reduction target (SBT), be carbon neutral, or be using 100% renewable power by 2030²

What does *carbon neutral* mean?

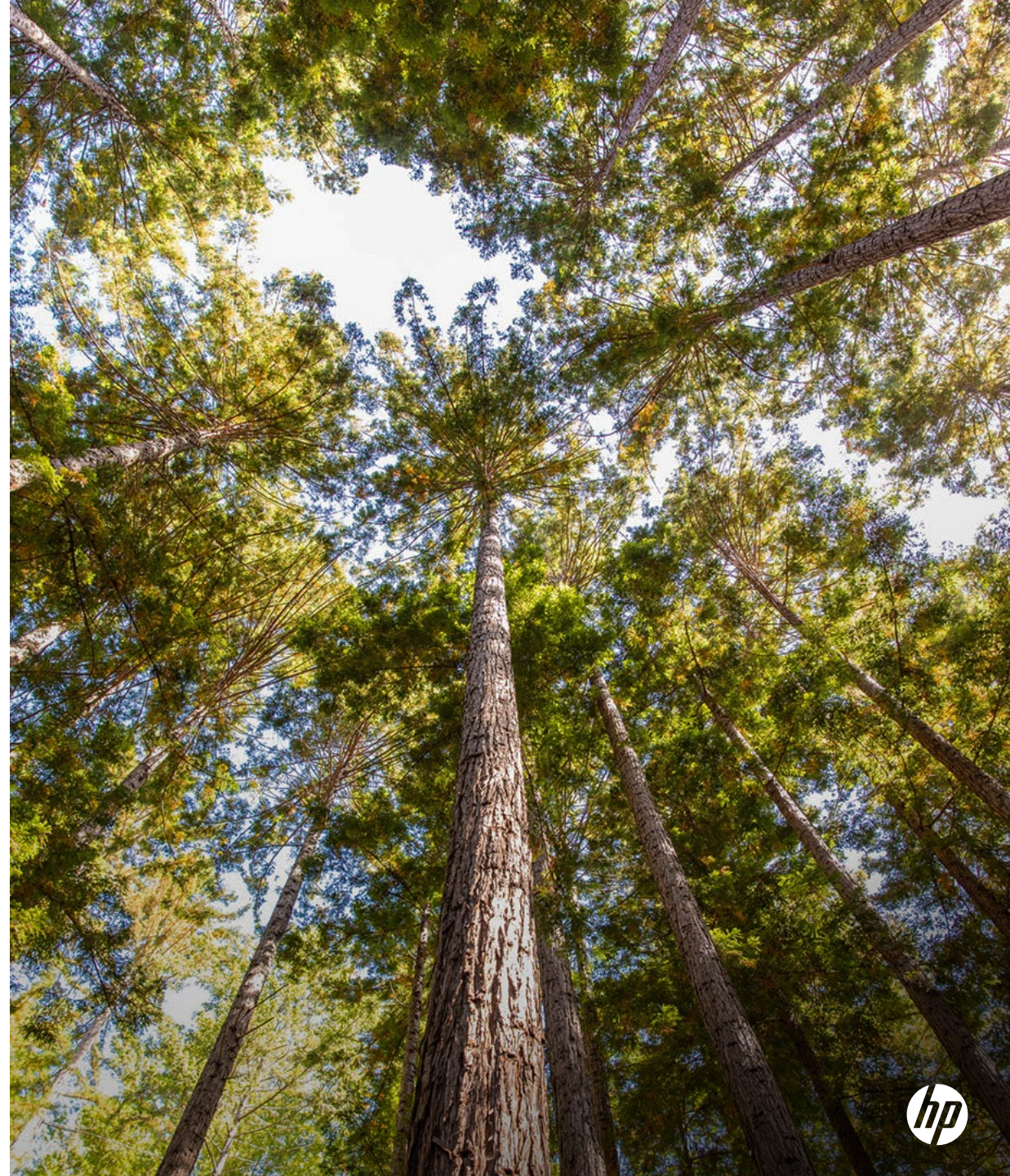
Carbon neutrality helps to effectively bring a carbon footprint to zero using a combination of measures, including reduction and offsetting.

Reduction

- Increased operating efficiency
- Moving to renewable energy

Offsetting

- Investing in carbon offset projects, such as conservation and regeneration of forests
- Offsets have co-benefits, including:
 - Further sustainable development, such as jobs for renewable energy
 - Health benefits from fossil-fuel reduction
 - Conservation of biodiversity from forestry and other projects



Address the lifetime carbon footprint of your HP print solution



Achieve certified carbon neutral printing¹

Deliver against your ambitious environmental goals without interrupting your business momentum

Inspire teams and partners

Demonstrate your commitment to environmental goals by engaging our network of rigorously vetted, socially conscious projects

Achieve certified carbon neutral printing

Advance your sustainability initiatives without disrupting your business

- HP CarbonNeutral® product certification is certified as carbon neutral in accordance with The CarbonNeutral® Protocol¹
- Using third-party verified lifecycle assessment (LCA) data, HP calculates the estimated total carbon emissions for your product
- HP has chosen high-quality carbon offset projects that are verified by third-party standards²



Inspire teams and partners

Make your sustainability efforts more than a number

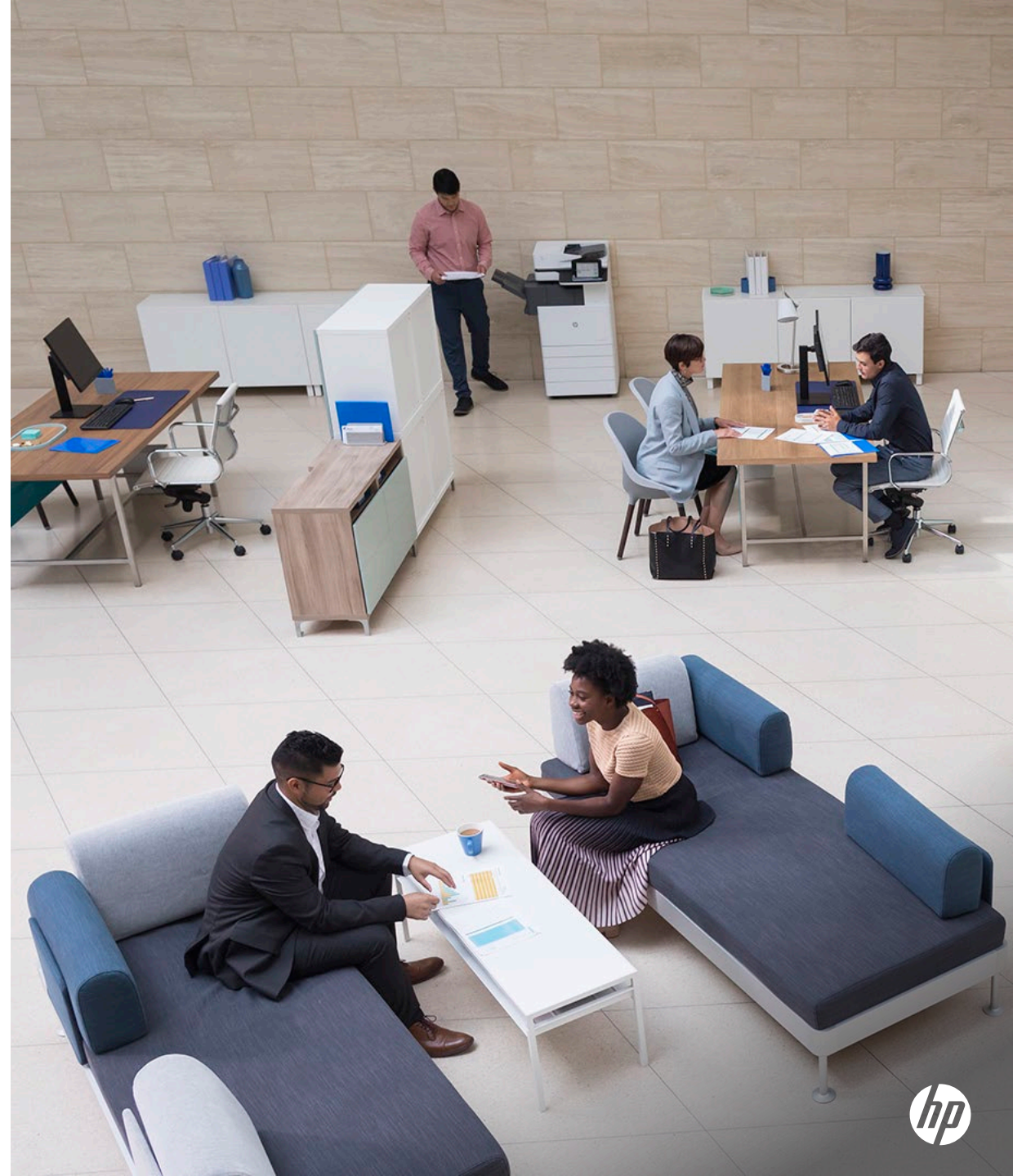
- HP partners with leading organizations to verify emissions
- We invest in socially conscious projects that support communities, biodiversity conservation, wind power and native forest regeneration
- Customers, teams and partners can explore these exciting projects, powered by innovative technologies



HP calculates the carbon impact of your printing

HP estimates total carbon emissions from your printing solution.

- Uses third-party verified product-specific lifecycle carbon footprint assessments*
- Considers carbon emissions due to
 - Raw material extraction
 - Manufacturing
 - Transportation
 - Use of HP printers, Original HP supplies, and paper
 - End of service



We're committed to climate action

At HP, we are working to reduce climate impacts across our entire value chain. Track our progress in our 2019 [Sustainable Impact Report](#).



1.26M

tonnes of supply
chain CO₂e
emissions avoided,
since 2010

43%

renewable
electricity use in
global operations
in 2019

18%

decrease in product
use GHG emissions
intensity, compared
to 2015

Support high-quality carbon offset projects

At HP, we've aligned our strategy for climate action to the Sustainable Development Goals (SDG) as defined by the United Nations.* Projects include:

- Biodiversity reserves
- Wind power projects
- Native forest regeneration

Co-benefits of these projects include addressing UN SDGs such as:

- No Poverty
- Clean Water and Sanitation
- Quality Education
- Gender Equality
- Decent Work and Economic Growth



**SUSTAINABLE
DEVELOPMENT
GOALS**



Rimba Raya



Create lasting, positive change

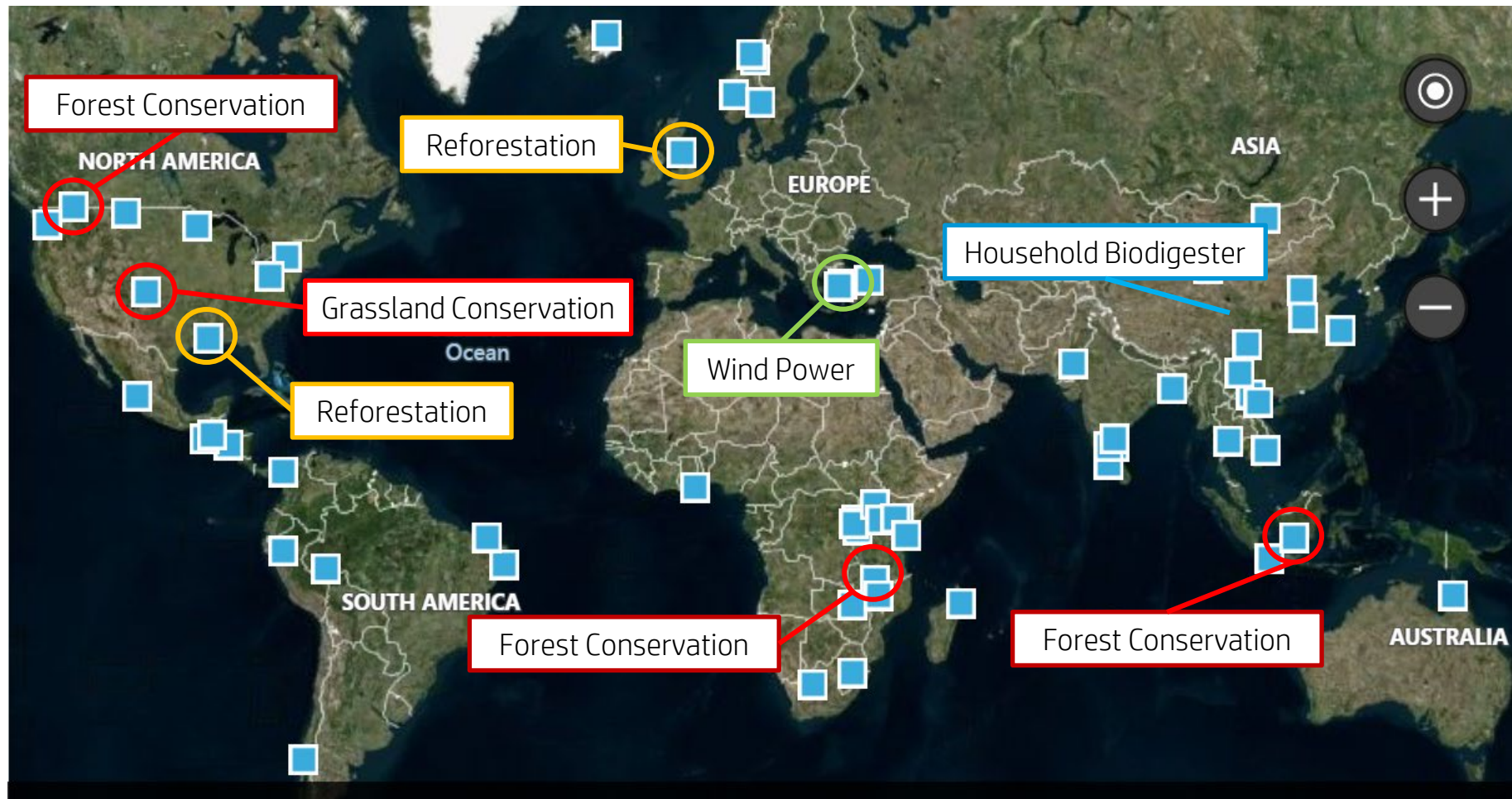
High-quality carbon offset projects

HP selects projects that:

Are regional to support customer needs

Cover different types of carbon reduction efforts

Align with our sustainability goals



Rimba Raya Biodiversity Reserve REDD+

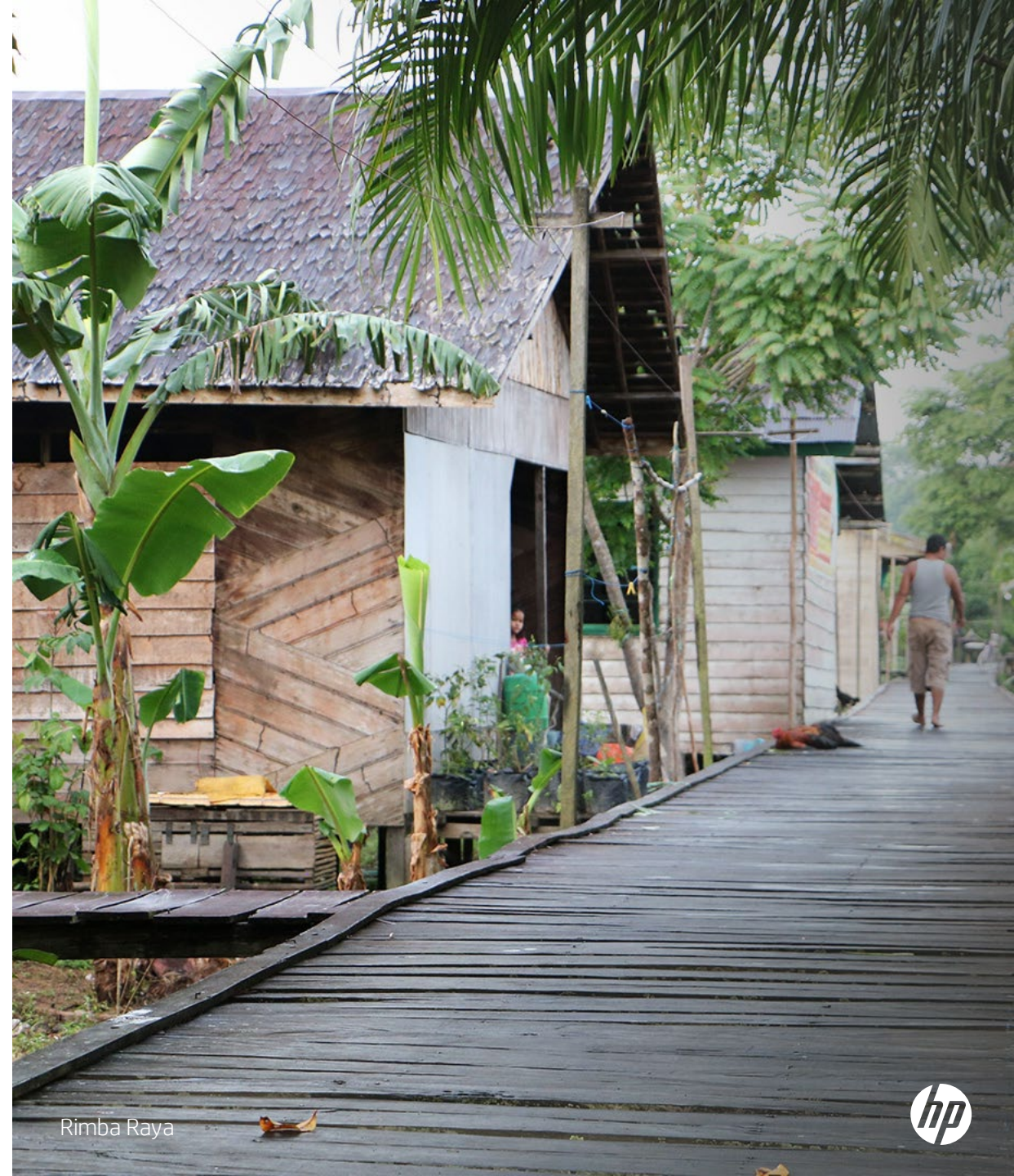
The Rimba Raya Biodiversity Reserve REDD+ project in Borneo, Indonesia preserves carbon-dense tropical peatlands by helping to halt deforestation.*

65K hectares of forest protected, avoiding conversion to palm oil plantations

2.5K households aided in community development

105K endangered Borneo Orangutans protected

Contributes to **all** of the 17 UN SDGs*



Rimba Raya

North American Grasslands

Grassland projects preserve prairie ecosystems of the Great Plains in the United States, avoiding conversion of these natural landscapes to agriculture. Grasslands are home to rare, endangered and threatened flora and fauna.

Native grazing animals, including bison, elk, deer, and pronghorn, are used to naturally maintain the health of the grassland.*

90% of grassland biomass is in the long roots of the plants, sequestering carbon below ground

23K acres of never plowed rangeland naturally maintained in SE Colorado



Nicole Rosmarino



Kulera REDD+ and Cookstoves

Through the combination of forest protection and the distribution of clean cookstoves, the project helps deliver significant emissions reductions, protect biodiversity, and address the health risks of indoor air pollution in Malawi.*

170K hectares of forest targeted for conservation

8.5M trees planted

45K households to reduce fuelwood use

225K people can benefit from forest-based sustainable livelihoods

8K farmers trained in microenterprise - production and processing of sustainable harvested products, for example, honey, coffee, and macadamia

Contributes to **16** of the 17 UN SDGs*



Kulera REDD



UK Forest Creation

Across England, Scotland, and Wales, UK Forest Creation projects under the Woodland Carbon Code deliver measured environmental and social benefits and are independently verified.*

Native woodlands can improve air quality and provide wildlife habitat, create habitat corridors and linkages, timber and wood fuel, and sites for public recreation. In the right places, they can reduce flooding and improve water quality.

They can also provide opportunities for community engagement and staff volunteering, education and development.

248 certified and planted projects

13K hectares certified and planted

237 projects under development

6.9K hectares under development



Sichuan Biodigester

This Gold Standard CDM project distributes small-scale biogas plants to low-income rural households with livestock across the Sichuan Province of China.*

The project provides clean and affordable energy for homes and fertilizer for agriculture.

79% of the 90 million people living in rural Sichuan use solid fuel for cooking

395K biogas plants installed across the Sichuan Province to qualifying low-income rural households (as of June 2020)

14.5% of total greenhouse gas emissions come from the livestock sector globally



Soma Wind Power, Turkey

This wind power project spans the Manisa and Balıkesir provinces in the western Anatolia.*

The project supports an essential switch to renewable energy that can meet the country's rapidly increasing energy demand.

~465 GWh of clean electricity generated per year

119 turbines with a total capacity of 140 MW

19% of the country's demand for electricity could be provided by wind by 2030



Darkwoods Forest Conservation

This private, Boreal forest in south-eastern British Columbia is protected from subdivision, high-impact logging, and other environmental threats.*

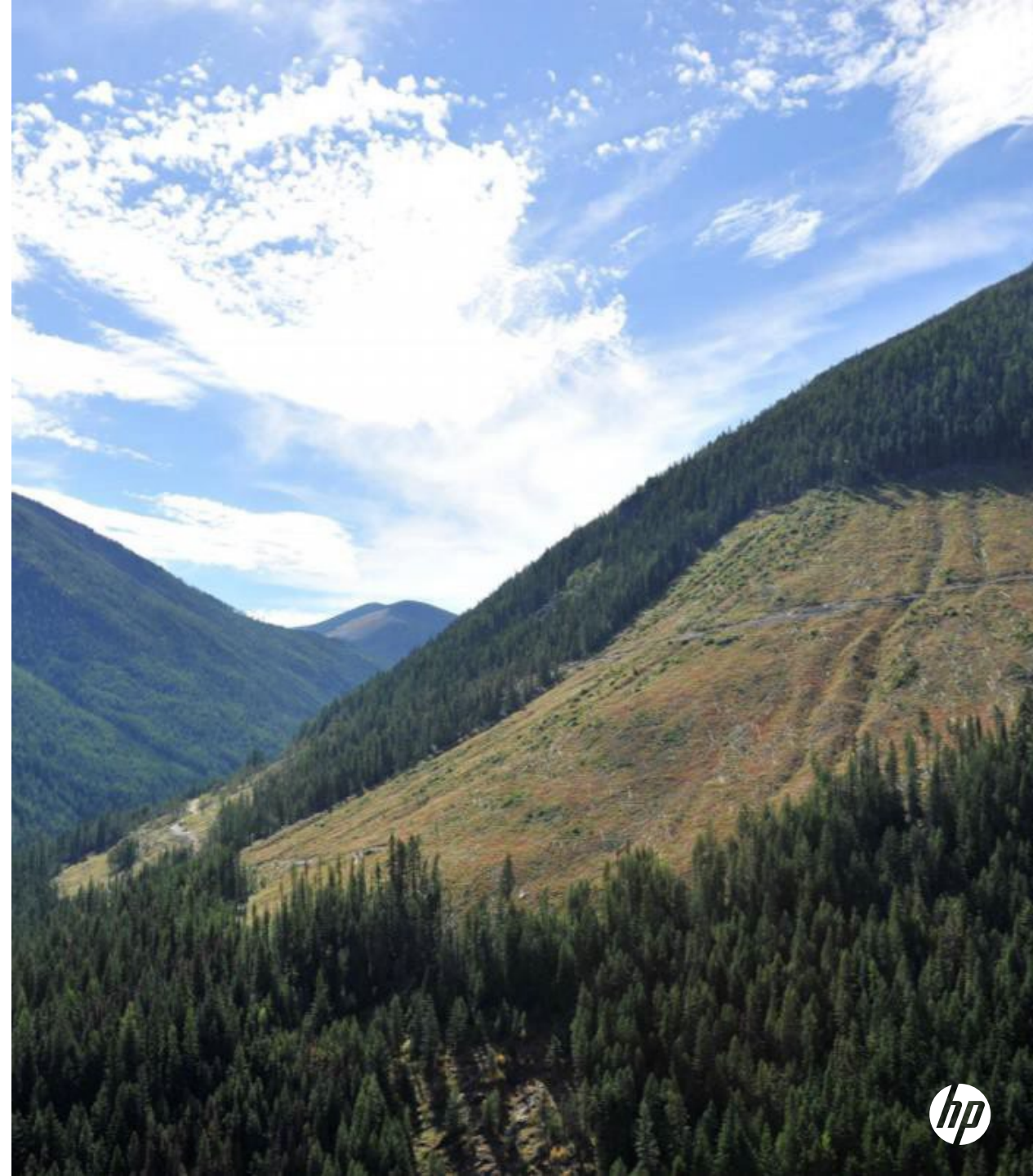
The project targets specific areas for strict biodiversity protection, limited public access, invasive species control, conservation research, and a low level of sustainable harvesting.

63K hectares

39 tree or animal species at risk of extinction

26K grizzly bears inhabit the natural areas of BC

17 separate watersheds and over 50 lakes affected



Mississippi Valley Reforestation

The project aims to reforest one million acres of the Lower Mississippi Alluvial Valley.*

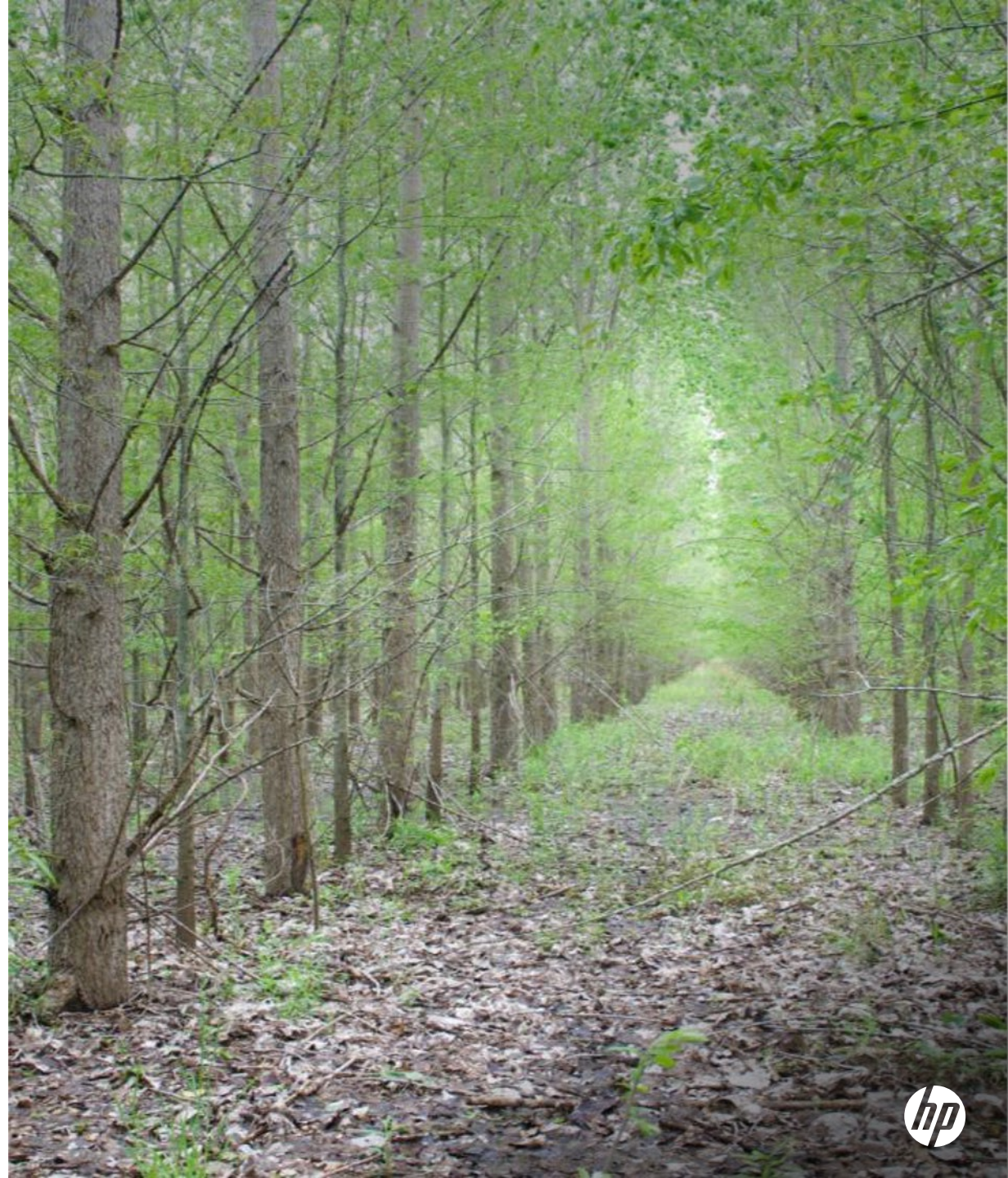
As a result of sustained deforestation and agricultural land use conversion over the last 50 years, less than 20% of this forest remains.

Landowners who voluntarily enroll in the project commit to planting and protecting trees.

The project creates revenue for participants, brings jobs to the area, and enhances local water quality and biodiversity.

200 tonnes of CO₂e reduced per acre

350k tonnes of emissions reductions annually



Why chose HP Carbon Neutral Product Certification?

HP was the first company in the IT industry to publish a full carbon footprint and an annual sustainability impact report to show ongoing commitment



43%

of HP's global energy consumption in 2019 accounted for by renewables*



1.26M tonnes

of supply chain CO₂e emissions have been avoided since 2010*



18%

decrease in product use GHG emissions intensity, compared to 2015*



1M trees

planted by 2020 to support Arbor Day Foundation and a forest-positive future*



3% YoY

Reduction in water footprint due to reductions in direct and indirect water consumption*





Thank you





Carbon Neutral Product Certification

At a glance

Supplementary Information

For HP Power Services Partners with Component MPS Certification

HP CarbonNeutral Product Certification for Component MPS

In a few simple steps

1

Order your product certification
at your distributor



Buy one SKU per HP Managed Device

Name: HP Print CarbonNeutral Certification SVC

SKU number: U34Y1E¹

2

Request your Certification

Requesting your HP CarbonNeutral® Printing Product Certification

Support



Go to WWW.hp.com/go/CNPPC

1. Chose Managed Printer to apply offset to
2. Upload proof of purchase
3. Enter Customer Name and Contacting Info

3

Receive Product Certification

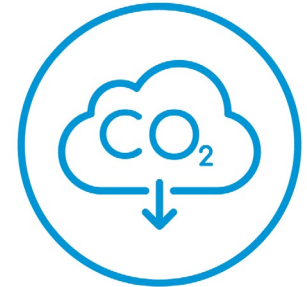


You receive two documents

1. Generic document
 2. Document listing devices receiving offset
- that you can share with your customer

4

HP will offset estimated
footprint to zero



HP buys Carbon Offsets

1. from offset projects
2. of at least the total estimated carbon emissions of the selected Device.

For more information: see [Datasheet](#)

After Completing Registration

Documents that confirm the offset and optional report with offset by device



Reseller receives two documents after completing registration

Document 1: certificate



CarbonNeutral® Certified

This is to certify that HP equipment delivered to

Peters Industries

By

John Smith Services

as listed in the Confirmation of Purchase and Delivery, has been certified as a CarbonNeutral® product in accordance with The CarbonNeutral Protocol.


BK Kumar
Director, Head of Print Sustainability


Suavi Gueney
Manager, HP Print Packaged Services

Certification No. 888888 Date 01.01.2222

Document 2: listing of individual models being offset



HP Equipment: CarbonNeutral® product certification
CONFIRMATION OF PURCHASE AND DELIVERY

1. Januar 2022

To:
Druck und Co
Serviceallee 111
10000 Musterstadt

Subject: HP Equipment: CarbonNeutral® product certification - confirmation of purchase and delivery

We herewith confirm that HP will deliver CarbonNeutral® product certification for the following equipment:

Your purchase of	Distributor Invoice No	Distributor Invoice Date	Quantity	For HP Equipment	HP Certification Number	For Units Placed at:
CarbonNeutral® product certification	AA221222001	22.12.2221	10	HP Color LaserJet Managed MFP E87540	12345678	Max Mustermann AG
CarbonNeutral® product certification	AA221222001	22.12.2221	5	HP LaserJet Managed E60155	12345678	Max Mustermann AG
CarbonNeutral® product certification	AA271222210	27.12.2221	15	HP LaserJet Managed MFP E57540	12345678	Max Mustermann AG

For specifications, please reference the HP datasheet "CarbonNeutral® Product Certification."



Optional report – CO2 offset for proposed fleet

Report shows total offset and offset by device

Company X Carbon Data: Proposed Fleet

131 devices

4 printer models

With the implementation of HP CarbonNeutral product certification for Component MPS, HP offsets <xxxx> tonnes CO2e over their entire product lifecycle

Fleet of Printers

Printer Name	# Devices	Total KG CO2e / lifecycle *
HP LJ MINGO FLOW E82560Z PLUS	34	84,782
HP LASERJET MGD FLOW MFP E62665Z	23	21,233
LASERJET MANAGED FLOW MFP E62565Z	42	43,318
HP LJ MINGO FLOW E72535Z PLUS	32	22,524

* Equivalent to <xxx> liters of oil



Carbon neutrality effectively brings the estimated carbon footprint of a device over its product life cycle to zero using a combination of measures, including reduction and offsetting.

You can request a Carbon Offset report by raising a ticket at the HP SRC*



HP CarbonNeutral Product Certification for Component MPS



Why

- Makes your printing solution carbon neutral
- Allows organizations to demonstrate their commitment to climate action to customers, investors, employees and other stakeholders

What

The **Service Level Agreement (SLA)** can be applied to HP Managed Printing Devices managed by a HP cMPS reseller, and includes:

1. **Lifecycle Assessment:** HP estimates the total lifecycle carbon emissions of Customer's HP-branded Device. The assessment conforms to ISO 14040 and 14044 standards.
 - It includes emissions from HP printers, supplies and paper due to raw material extraction and processing, manufacturing and transportation, electricity use and end of service.
2. **Independent verification:** HP works with a qualified and recognized independent third party supporting the carbon emissions estimations.
3. **Carbon offset:** HP purchases carbon offsets from offset projects of at least an equivalent value of the total estimated carbon emissions of the customer's Device.
 - Co-benefits of HP off-set projects include supporting UN Sustainable Development Goals (SDG) like No Poverty, Quality Education, Decent Work and Economic Growth

How

1. **Order and pay for the carbon neutral product certification** at your distributor:
 - One universal SKU. Name: HP Print CarbonNeutral Certification SVC SKU Number: U34Y1E Price: xxx
2. **Apply the certification to a specific device** by placing your request on the [website](http://www.hp.com/go/CNPPC) (WWW.hp.com/go/CNPPC)
 - a. Select the hardware to offset from dropdown menu and enter the quantity to offset for each selected model
 - b. Upload the invoice as proof of purchase related to the request
 - c. Enter customer name and contacting information
3. **Receive the product certification** that (1) confirms offset and (2) lists the devices being offset (models and quantity)
4. You can then **share the certificate with your customer**

Support Material

- [Datasheet](#), Customer overview presentation, Carbon Neutral Offset Projects Presentation, Customer Brief ²
- Customer report showing the CO2 offset for a proposed fleet (optional) ³

Disclaimers

¾ of companies expected to have met SBT: “Deeds Not Words: The Growth Of Climate Action In The Corporate World,” Natural Capital Partners, September 2019, https://assets.naturalcapitalpartners.com/downloads/Deeds_Not_Words_-_The_Growth_Of_Climate_Action_In_The_Corporate_World.pdf.

1.26M tonnes of CO2e emissions avoided: This continues a goal from before the separation of Hewlett-Packard Company on November 1, 2015, extending the goal to 2025. Includes data from suppliers associated with HP Inc. and HP Inc. pre-separation business units.

43% of energy, 1 million trees, 3% year over year: “Sustainable Impact Report,” HP, 2019, <https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=c06601778>.

Darkwoods Forest Conservation: For more information, go to naturalcapitalpartners.com/projects/project/darkwoods-forest-carbon.

HP CarbonNeutral® product certification is certified as a CarbonNeutral in accordance with The CarbonNeutral Protocol, carbonneutral.com/how/carbonneutral-protocol, and available for Component MPS equipment and delivered by HP Amplify Power resellers with HP Component MPS certification.

Kulera REDD+ and Cookstoves project: For more information, go to naturalcapitalpartners.com/projects/project/kulera-landscape-redd-and-cookstoves.

Lifecycle assessments (LCA) are verified by an independent third-party to conform to ISO 14040 and ISO 14044 and are used by HP to understand the total carbon footprint for HP printing and imaging devices, paper, and supplies. Using this data, along with the information unique to each customer, we calculate the total carbon emissions for a customer’s fleet. Data is third-party verified throughout the process and the CarbonNeutral® product certification for HP Component MPS is certified to the CarbonNeutral Protocol.

Mississippi Valley Reforestation: For more information, go to naturalcapitalpartners.com/projects/project/mississippi-valley-reforestation.

North American Grasslands project: For more information, go to naturalcapitalpartners.com/projects/project/grasslands-portfolio-usa.

Product use GHG emissions intensity describes the performance of our portfolio, taking into account changes to product mix and business growth. HP Product use GHG emissions intensity measures per unit GHG emissions during anticipated product lifetime use. These values are then weighted by contribution of personal systems and printing products to overall revenue in the current year. These emissions represent more than 99% of HP product units shipped each year, including notebooks, tablets, desktops, mobile computing devices, workstations, displays, and digital signage; HP inkjet, LaserJet, DesignJet, Indigo, Scitex, and Jet Fusion 3D printers; and scanners.

Rimba Raya Biodiversity Reserve REDD+ project: For more information, go to naturalcapitalpartners.com/projects/project/rimba-raya-biodiversity-reserve.

Sichuan Biodigester: For more information, go to naturalcapitalpartners.com/projects/project/sichuan-household-biodigester.

Soma Wind Power: For more information, go to naturalcapitalpartners.com/projects/project/soma-wind-power.

UK Forest Creation: For more information, go to naturalcapitalpartners.com/projects/project/uk-forest-creation-the-woodland-carbon-code.

UN SDGs: For more information, go to un.org/sustainabledevelopment/sustainable-development-goals.