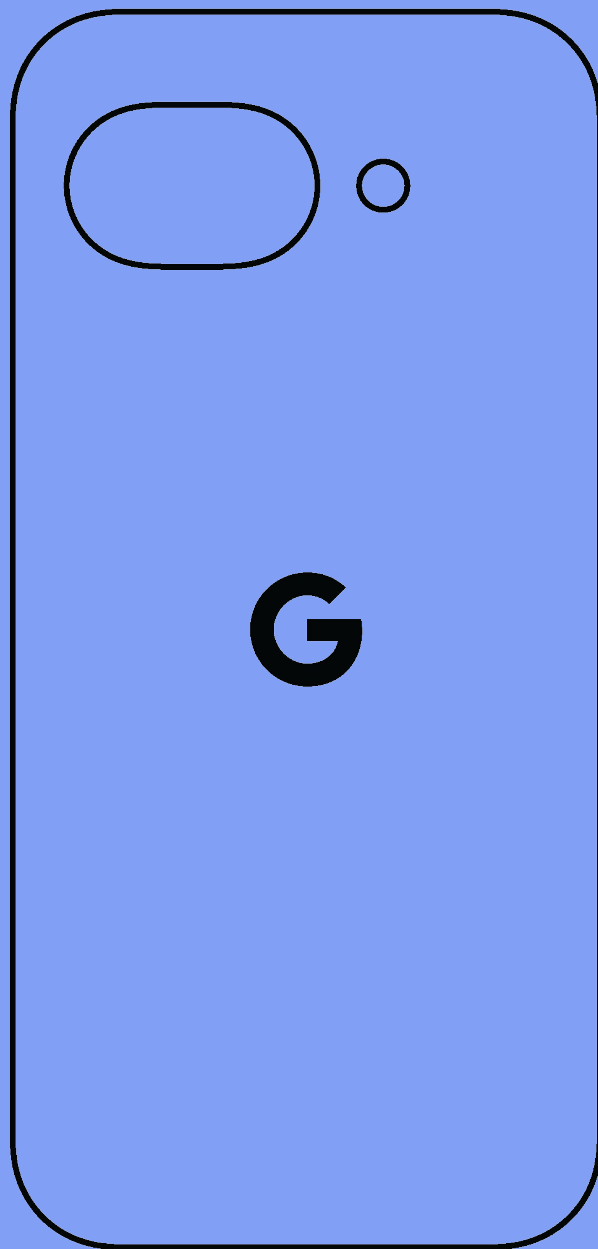


Pixel 10a





INTRODUCTION

At Google, operating in an environmentally sustainable way has been a core value from the beginning.

Please refer to our latest Environmental Report for our current approach to sustainability across Google.

sustainability.google/reports

We're building consumer hardware products for everyone and the planet. That's why we've developed energy-saving features, created longer-lasting devices, and promote the use of lower carbon and recycled materials.

There is always space to go further. Progress is a journey, not a destination.

The following pages detail the environmental performance of the Pixel 10a including its full life cycle carbon footprint, from design and manufacturing through usage and end-of-life processing.



TABLE OF CONTENTS

Pixel 10a environmental report includes the following:

01. Introduction
02. Our approach
03. Pillars
 - a. Engineering our products to last
 - b. Designing intentionally with responsible materials
 - c. Advancing collective progress through sharing
04. Environmental reporting data
05. Endnotes



Progress is
a journey,
not a
destination.





OUR APPROACH

Art and science.

Sustainable design is an iterative process guided by intention, craft, and consideration in every detail. To bring this to life across our Pixel, Google Home, and Fitbit portfolios, we focus on three key pillars to guide our steps forward.

PILLAR 01

Engineering
our products
to last

PILLAR 02

Designing
intentionally
with responsible
materials

PILLAR 03

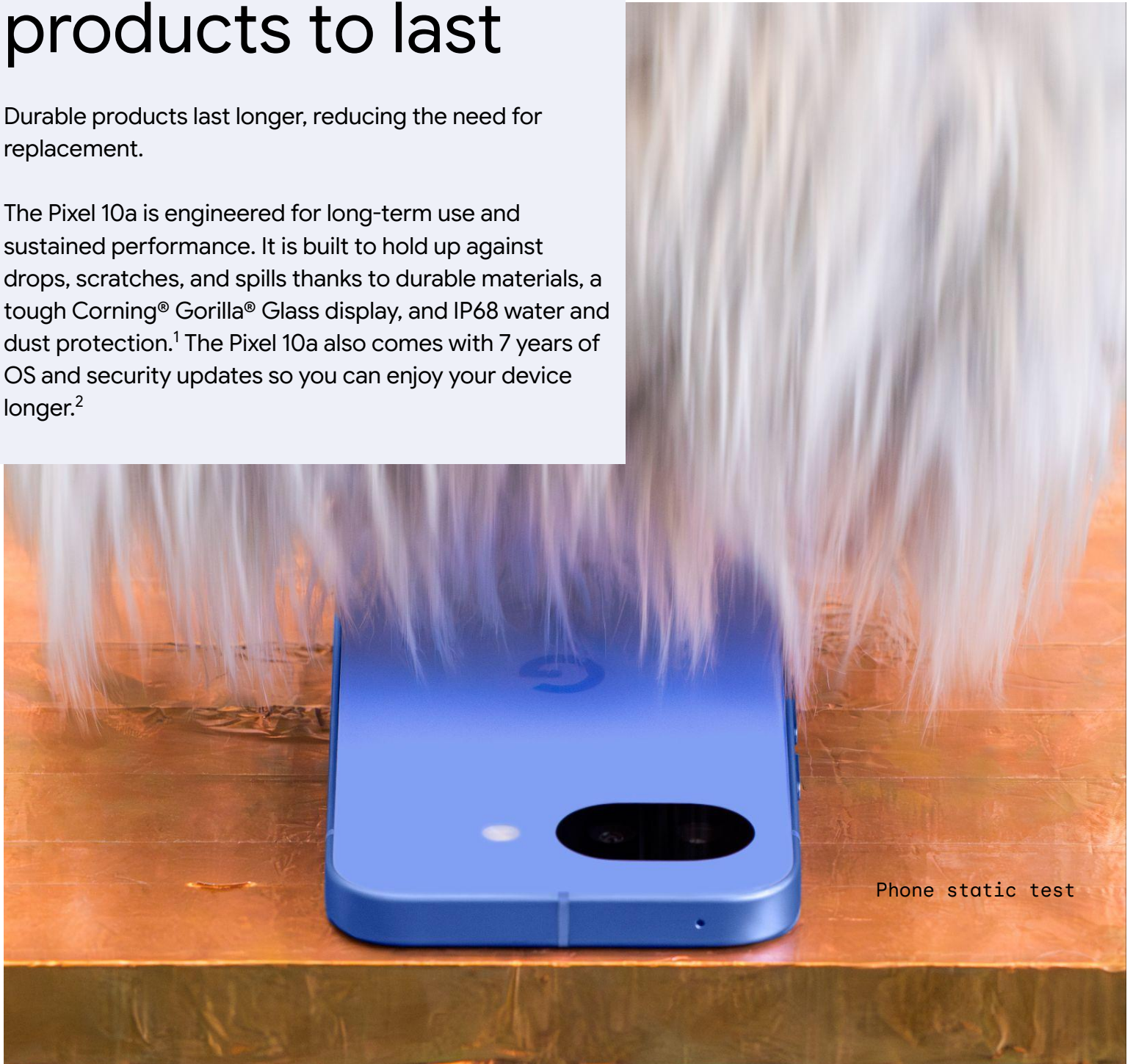
Advancing
collective
progress through
sharing

PILLAR 01

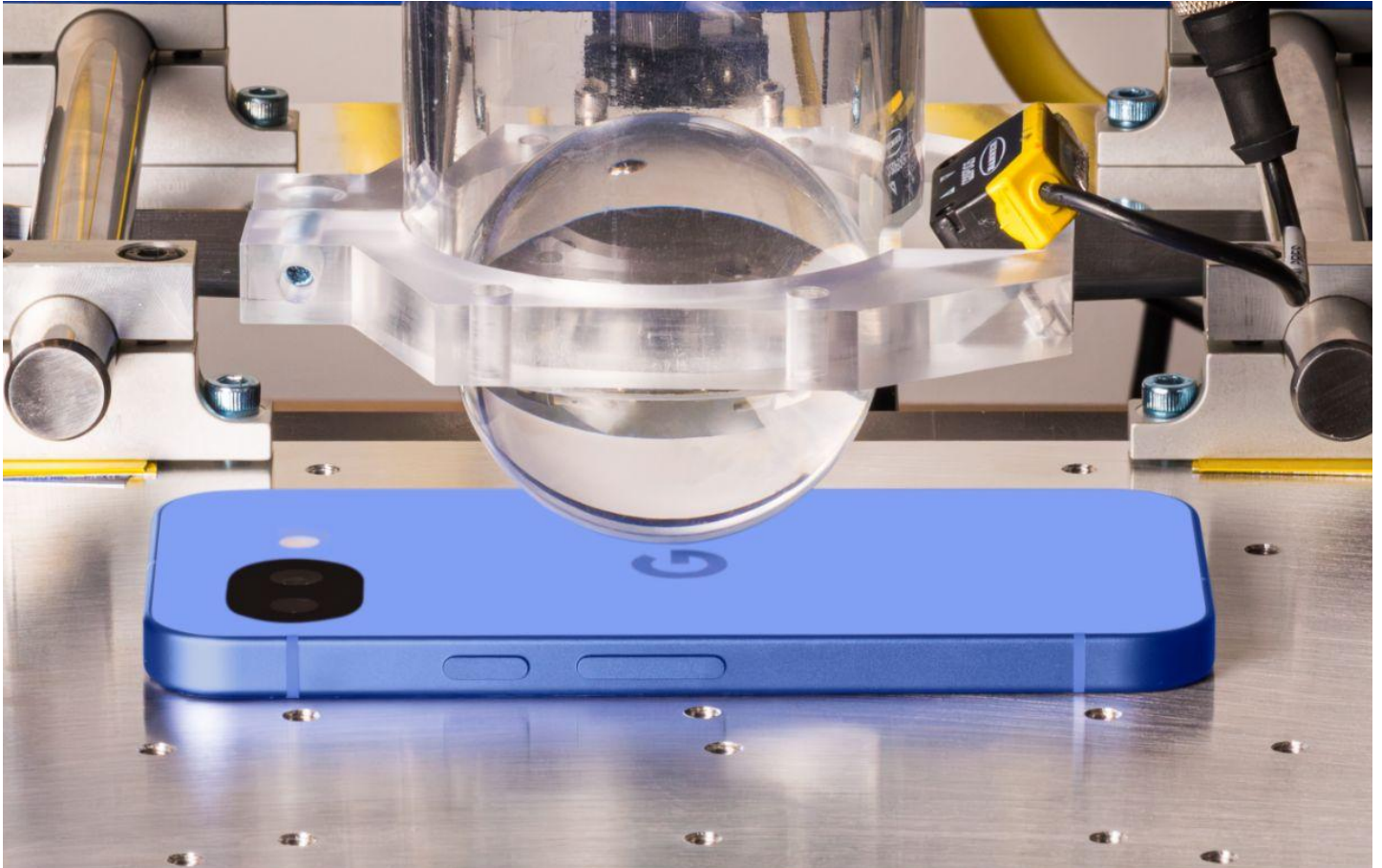
Engineering our products to last

Durable products last longer, reducing the need for replacement.

The Pixel 10a is engineered for long-term use and sustained performance. It is built to hold up against drops, scratches, and spills thanks to durable materials, a tough Corning® Gorilla® Glass display, and IP68 water and dust protection.¹ The Pixel 10a also comes with 7 years of OS and security updates so you can enjoy your device longer.²

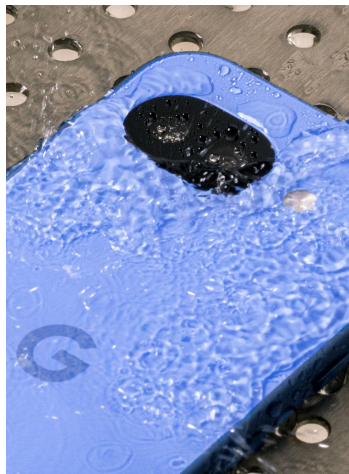


Phone static test



[01]

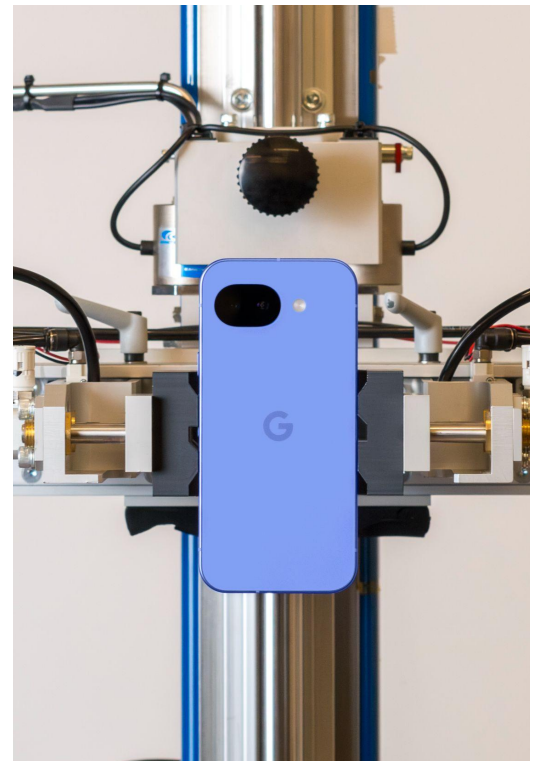
[01]
Automated ball drop test



[02]

[02]
IPX4 water ingress test

[03]
1-meter controlled
orientation drop test



[03]



Learn more at <https://store.google.com/repair>

Designing intentionally with responsible materials

Through innovative design and a commitment to expanding our recycled materials portfolio, we are driving carbon reduction and minimizing waste across our operations.

- The Pixel 10a is made with the most recycled material of any Pixel-A Series phone yet,³ and the product packaging is 100% plastic-free.⁴
- Pixel 10a is made with at least 36% recycled materials.⁵
- For the first time, the Pixel 10a includes recycled cobalt, copper, gold, and tungsten.³ It has a 100% recycled aluminum frame - for a lower carbon footprint - and a back cover made with 81% recycled plastic.^{6,7}



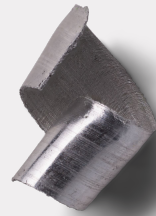
Recycled Tungsten



Recycled Gold



Recycled Tungsten



Recycled Aluminum



Recycled Rare Earth Elements



Recycled Glass



Recycled Tin



Recycled Copper



Recycled Cobalt



Recycled Plastic



Recycled Newsprint

[Packaging]



Bamboo

[Packaging]



Molded Fiber

[Packaging]



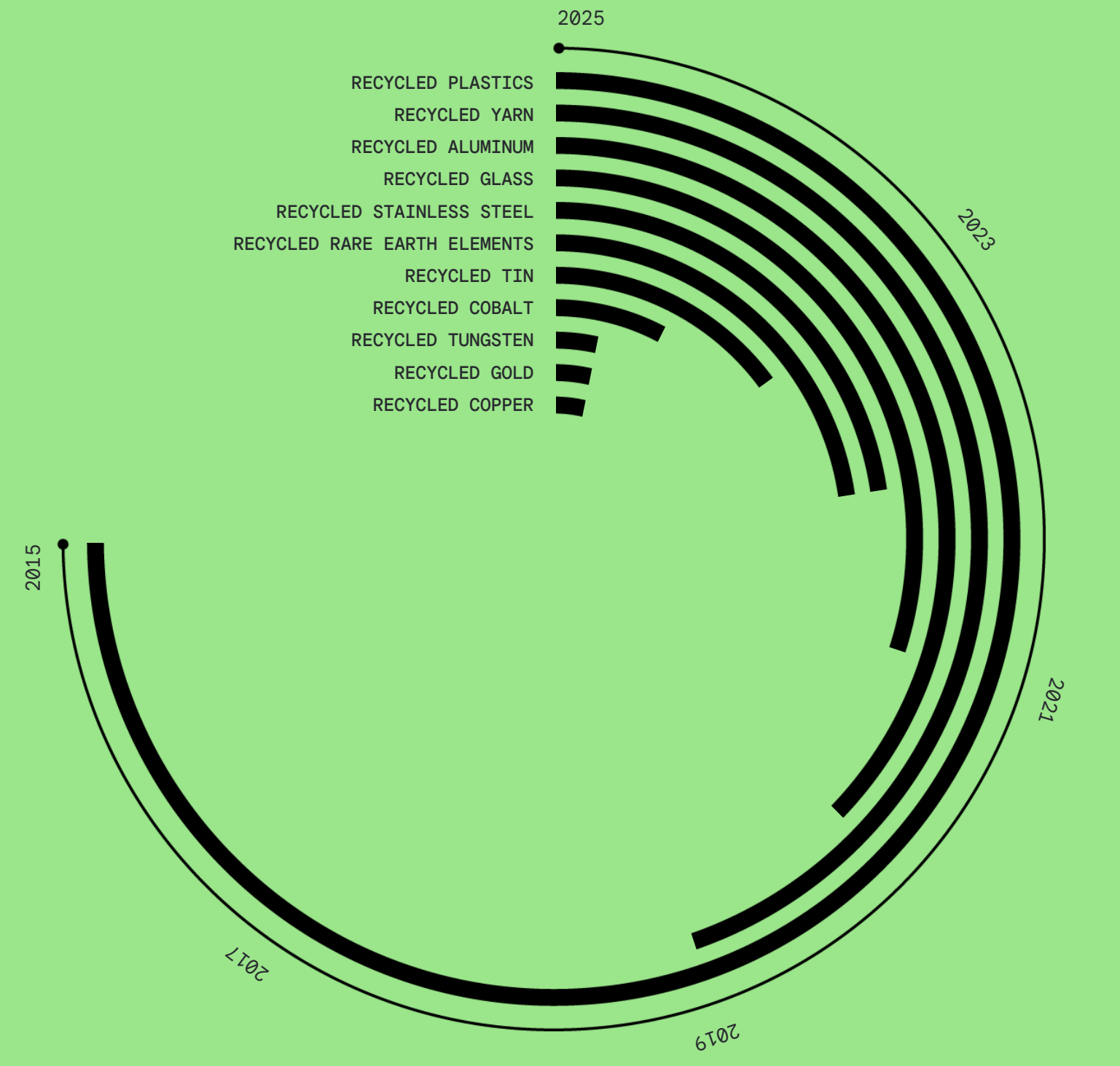
Carbon conscious design

At Google, we have a moonshot to achieve net-zero emissions across all of our operations and value chain by 2030.

100% recycled aluminum was first used in the enclosure of Pixel 5 to reduce its carbon footprint. Since then, we have expanded the use of recycled aluminum across the portfolio, including 100% recycled aluminum in the enclosures of all Pixel phones since Pixel 6, and Pixel watches since Pixel Watch 2.⁸

A decade of progress

Since 2015, we have been striving to expand our portfolio of recycled ingredients. While exact percentages and applications vary across products, our goal is to maximize recycled content everywhere possible.



Advancing collective progress through sharing

Collaboration is key to advancing sustainability. We're committed to sharing our progress to help fuel industry-wide change. Learn more:

[Plastic-Free Packaging Design Guide](#)

[Consumer Hardware Carbon Reduction Guide](#)



Pixel 10a

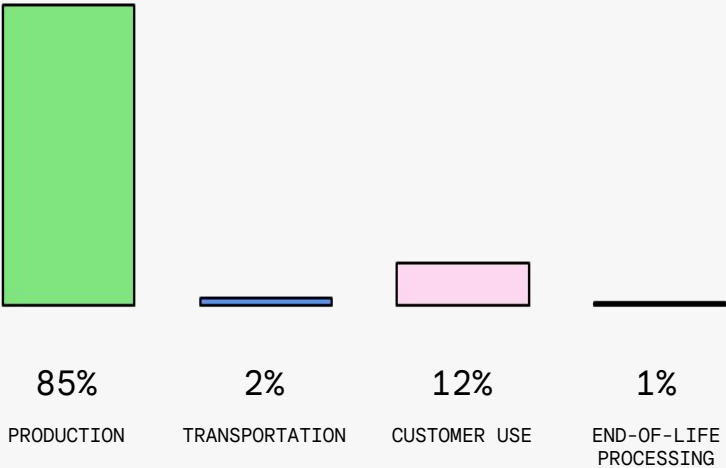
Product Environmental Report

GREENHOUSE GAS
(GHG) EMISSIONS

The production, transportation, use, and end-of-life processing of electronic products generate GHG emissions that contribute to rising global temperatures. Google conducted a life cycle assessment on this product to identify materials and processes that contribute to GHG emissions, with the goal of minimizing these emissions. See our [Consumer Hardware Carbon Reduction Guide](#) to learn more.

ESTIMATED GHG
EMISSIONS FOR PIXEL
10a ASSUMING THREE
YEARS OF USE:⁹

70 kg CO₂e



ENERGY EFFICIENCY

Pixel 10a incorporates power-management software to maximize battery-charging efficiency and extend battery life during use.

ENERGY EFFICIENCY
OF PIXEL 10a

	115 V, 60 Hz	230 V, 50 Hz
Standby (battery maintenance mode) power ¹⁰	0.16 W	0.16 W
Annual energy use estimate ¹¹	6 kWh	6 kWh
Annual cost of energy estimate	US1.08 ¹²	€1.72 ¹³

Pixel 10a

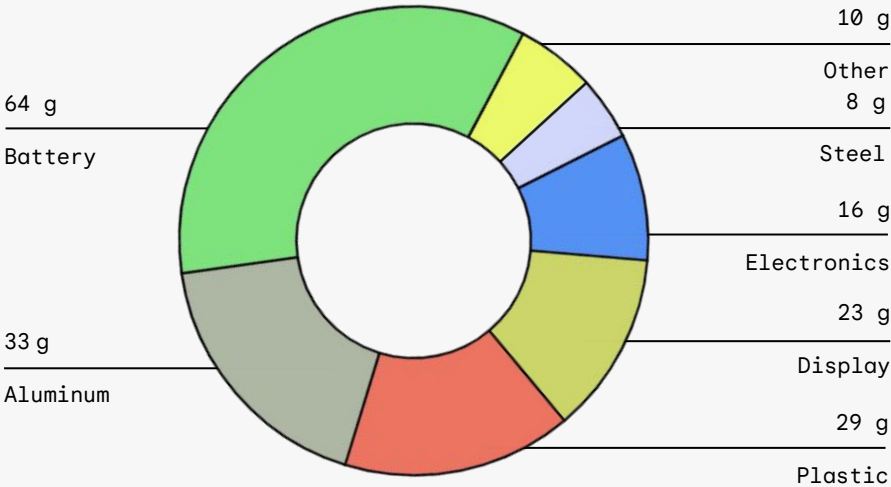
Product Environmental Report

MATERIAL USE

Pixel 10a is designed to be light and compact. Minimizing the size and weight of the Pixel 10a allows materials to be used more efficiently, thereby reducing the energy consumed during production and shipping as well as minimizing the amount of packaging.

MATERIALS USED IN
PIXEL 10a

TOTAL MATERIALS:¹⁴
183 g



RECYCLED MATERIALS

- ♻️ The aluminum in the housing is 100% recycled content.¹⁵
- ♻️ The battery cell is made with 100% recycled cobalt.¹⁶
- ♻️ The Pixel 10a main logic board is made with 100% recycled copper and gold.¹⁷
- ♻️ The Pixel 10a magnets used in the speakers, haptics engine, and rear camera are made with 100% recycled rare earth elements.¹⁸
- ♻️ Of the 14 plastic parts in Pixel 10a, 11 are made with recycled content that is at least 30% recycled plastic.¹⁹

Pixel 10a
Product Environmental Report

RECYCLED MATERIALS
(Cont'd)

- ♻️ 100% recycled tin in the solder of multiple printed circuit boards, including the main logic board.²⁰
- ♻️ The haptics engine is made with 100% recycled tungsten.²¹
- ♻️ The back cover is made with at least 81% recycled plastic.⁷

BATTERY

- ✅ Lithium-ion polymer

RESTRICTED SUBSTANCES

Historically, many electronic devices contained materials such as lead, mercury, cadmium, and brominated flame retardants that pose environmental and health risks. We designed Pixel 10a to meet global regulations that restrict harmful substances, including the following:

- ✅ European RoHS Directive restrictions on lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE), and four different phthalates (DEHP, BBP, DBP, DIBP)
- ✅ European Battery Regulation restrictions on lead, mercury, and cadmium in batteries
- ✅ European Packaging Directive restrictions on lead, mercury, cadmium, and hexavalent chromium in packaging

Pixel 10a
Product Environmental Report

VOLUNTARY SUBSTANCE
RESTRICTION

Pixel 10a also meets the following voluntary substance restrictions:²²

- ✔ PVC-free²²
- ✔ Brominated Flame Retardant (BFR)-free²²

PACKAGING

Pixel 10a comes in consciously designed packaging. Our light and compact packaging is made with recycled and responsibly sourced fibers and continues to be 100% plastic-free, improving recyclability.⁴ To learn more about our plastic-free packaging, please see our [Plastic-Free Packaging Design Guide](#).

RESPONSIBLE SOURCING

Google is committed to fostering a sustainable and responsible supply chain through treating workers with respect and dignity, promoting healthy and safe working conditions, and conducting environmentally responsible and ethical operations.

Learn more about our expectations for supply chain partners in the [Google Supplier Code of Conduct](#), our [2025 Supplier Responsibility Report](#), and our [Conflict Minerals Policy](#).

PRODUCT CERTIFICATIONS

- ✔ UL ECOLOGO® Gold^{23,24}



Pixel 10a

Product Environmental Report

ENDNOTES

1. Designed to comply with dust and water protection rating IP68 under IEC standard 60529 when each device leaves the factory but the device is not water or dust proof. Water resistance and dust resistance are not permanent conditions and will diminish or be lost over time due to normal wear and tear, device repair, disassembly or damage. Phone is not drop/tumble proof and dropping your device may result in loss of water/dust resistance. Damage from drops, tumbles, and other external forces are not covered under warranty. Liquid damage voids the warranty. See g.co/pixel/water for details.

®GORILLA is a registered trademark of Corning Incorporated.
2. Pixel updates for 7 years from when the device first became available on the Google Store in the US. See g.co/pixel/updates for details.
3. These materials include recycled plastics, glass, aluminum, tungsten, cobalt, copper, gold, tin, and rare earth elements. Recycled materials are at least 36% of product based on weight.
4. Based on retail packaging (excluding adhesive materials and required plastic stickers) as shipped by Google. To meet the request of some retail partners, stickers and/or security tags are applied to some packaging variations and may contain plastic.
5. Based on product weight.
In accordance with European Union's Ecodesign of Smartphones 2023/1670 requirements, the "Indicative Weight Range" of the following critical raw materials are:
 - Cobalt in the battery: between 10 g and 20 g;
 - Tantalum in capacitors: between 0.01 g and 0.02 g;
 - Neodymium in loudspeakers, vibration motors, and other magnets: between 0.2 g and 0.3 g;
 - Gold in all components: between 0.01 g and 0.02 g;
Google contracted a testing, inspection and certification company to evaluate our products independently, using EN45555:2019 as a standard methodology: the Recyclability Rate for the Pixel 10a is 68.1% and the recoverability rate is 79.6%.
6. Carbon footprint reduction claim based on third-party verified life cycle assessment performed in 2026. Recycled aluminum in the housing is at least 16% of product based on weight.
7. The recycled plastic in the back cover accounts for at least 3% of the product based on product weight.
8. Recycled aluminum in the enclosures is at least 3% of Pixel Watch, 9% of applicable Pixel Phones. Recycled aluminum was not used in the enclosure of Pixel 5a.
9. GHG emissions estimates are calculated in accordance with ISO 14040 and ISO 14044 requirements and guidelines for conducting life cycle assessments, and include the production, transportation, use, and recycling of the product, accessories, and packaging. GHG emissions estimates are for the 128 GB memory configuration.

Pixel 10a

Product Environmental Report

ENDNOTES (Cont'd)

10. Power measured with phone connected to cellular and Wi-Fi networks in standby mode with fully charged battery and attached to a 45W power adapter using the in-box USB-C cable. Tested in accordance with a modified version of the [U.S. DOE Uniform Test Method for Measuring the Energy Consumption of Battery Chargers](#). Energy consumption patterns may vary when adaptive charging is enabled.
11. Based on average charging of previous generation devices. Actual energy consumption will vary by user.
12. The average residential cost of energy for U.S. households is \$0.18 per kWh in September 2025 (source: [U.S. Energy Information Agency](#)).
13. The average household cost of energy for consumers in the EU-27 was €0.29 per kWh in the first half of 2025 (source: [Eurostat Statistics Explained](#)).
14. Product material masses are for the Pixel 10a only, excluding packaging and accessories. For the U.S. configuration, an additional 29 g of electronic accessories are included in-box.
15. Recycled aluminum is at least 16% of product based on weight.
16. Recycled cobalt is at least 26% of the battery cell weight.
17. The recycled copper is at least 62% of the main logic board weight. The gold plating of the main logic board is made with 100% recycled gold.
18. Recycled rare earth elements are at least 27% of the magnet weight for each item.
19. This recycled plastic accounts for at least 6% of the product based on product weight. This does not include plastics in printed circuit boards, labels, cables, connectors, electronic components and modules, optical components, electrostatic discharge (ESD) components, electromagnetic interference (EMI) components, films, coatings and adhesives.
20. Solder paste is made with multiple materials and contains at least 87% tin.
21. Recycled tungsten is 60% of the haptics engine weight.
22. Google continues to restrict arsenic content in glass, mercury in displays, and heavy metals (lead, cadmium, and mercury) in batteries as listed in [Google's Restricted Substances Specification](#).
23. ECOLOGO® Certified products are certified to ECOLOGO® standards for reduced environmental impact. For more information, visit [ul.com/el](#). ECOLOGO-registered in the US only.
24. Pixel 10a is designed with approximately 48% recycled content across its plastic parts. This does not include plastics in printed circuit boards, labels, cables, connectors, electronic components and modules, optical components, electrostatic discharge (ESD) components, electromagnetic interference (EMI) components, films, coatings and adhesives.