



Product Environmental Report

iPhone 14 Pro

Direct, indirect
Scope 1, 2, 3

Made with better materials

100% 100%

Recycled gold in the wire of camera lenses
Recycled copper in the printed circuit board

Energy efficient

46%

Energy consumption in the U.S.
Direct, indirect energy footprint for
better climate

Responsible packaging

100% 95%

of the wood fiber component of the cardboard box
of the packaging fiber-based due to our work to utilize recycled ink

Tackling climate change

100%

We're committed to transitioning our entire manufacturing supply chain to 100% renewable electricity by 2030.

Smarter chemistry

- Lead-free
- Copper-free
- Mercury-free, hexavalent chromium-free
- Cadmium-free
- Chromium-free

Apple Trade In

Return your old iPhone to us and we'll give you new iPhone credit for free.



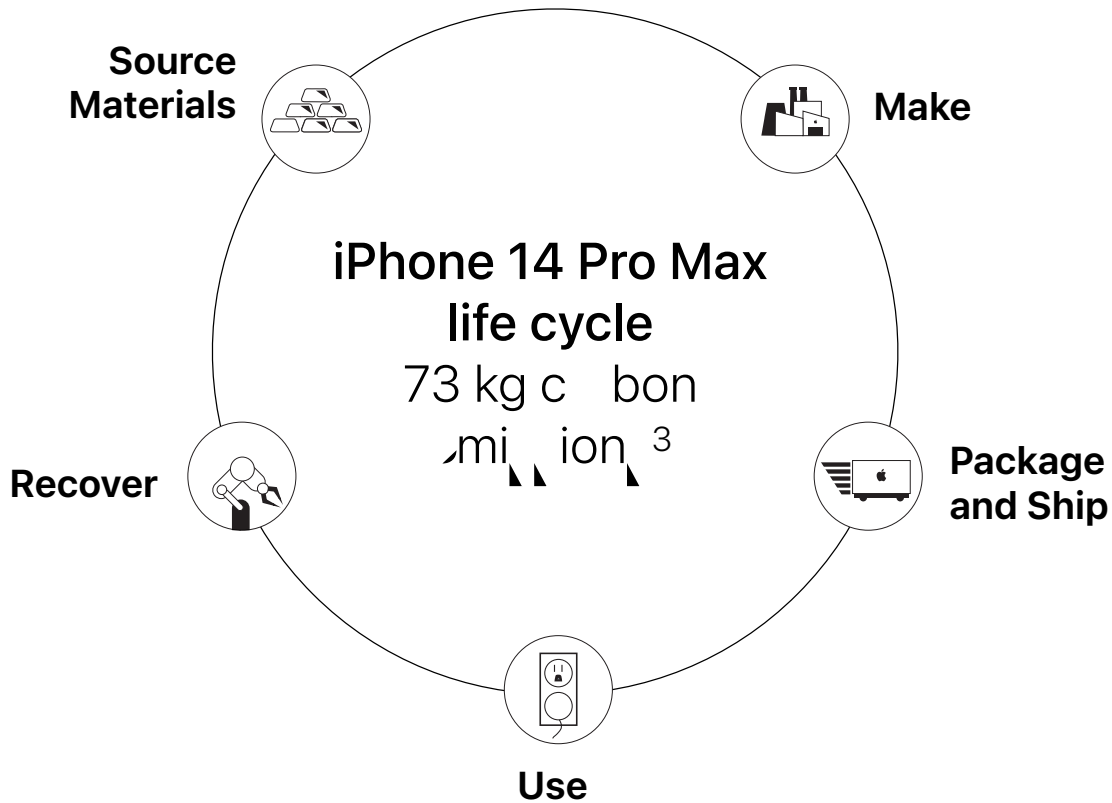
**100% recycled gold in the wire of all cameras
and in the plating of multiple printed circuit boards**



Taking responsibility for our products at every stage

We take responsibility for our products throughout their lifecycle—including the materials we use, the way we source, manufacture and distribute them, and how we focus on reducing their carbon footprint. We know we can make a big difference for our planet by reducing our impact on climate change, continuing to invest in our products and using them responsibly.

We sell millions of products. So making even small adjustments can have a meaningful impact.



Carbon footprint

We continue to make progress in reducing our carbon footprint by focusing on making more efficient products with new, better materials and with new, better processes. Our goal is to reduce our carbon footprint by 20% by 2030. We are committed to using carbon footprint data to guide our decisions and to help our customers make more informed choices.

iPhone 14 Pro Max life cycle carbon emissions

- 4 kg CO₂e Production
- 17 kg CO₂e Use
- 1 kg CO₂e End-of-life recycling



Package and Ship

In 2014, our packaging did not use out-sourced virgin plastic. We're now using 100% recycled plastic in our packaging, and we're working to reduce the amount of plastic we use in our packaging by 25%.

Our packaging is made from 100% recycled plastic, and we're working to reduce the amount of plastic we use in our packaging by 25%. We're also using 100% recycled wood fiber in our packaging, and we're working to reduce the amount of wood fiber we use in our packaging by 25%.

95%

of the packaging is made from 100% recycled wood fiber. We're working to reduce the amount of wood fiber we use in our packaging by 25%.

75%

of the recycled content in the packaging is made from 100% recycled plastic.

100%

of the virgin wood fiber in the packaging is made from 100% recycled wood fiber. We're working to reduce the amount of wood fiber we use in our packaging by 25%.





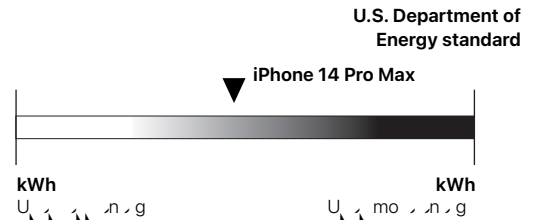
Use

iPhone 14 Pro uses 46 percent less energy than the previous generation, thanks to its new design and software.

With the new Energy Efficient mode, iPhone 14 Pro can use up to 2x less power than previous generations. And with the new Energy Efficient mode, iPhone 14 Pro can use up to 2x less power than previous generations. And with the new Energy Efficient mode, iPhone 14 Pro can use up to 2x less power than previous generations.

Energy efficiency

iPhone 14 Pro is the most energy-efficient smartphone ever, according to the U.S. Department of Energy's Energy Consumption Standard for Smartphones. iPhone 14 Pro uses 46 percent less energy than the previous generation.



Designed to last

iPhone 14 Pro features a Ceramic Shield front cover that's up to 2x more durable than the previous generation, thanks to its new design.

Made with smarter chemistry

With its new design, iPhone 14 Pro is made with smarter chemistry. The new design uses less material, making it more sustainable.



Recover

Return our product with [Apple Trade In](#) and we'll give you credit for a new product or gift card. Or, you can recycle it for free.

When you return a product with [Apple Trade In](#), you can get credit for a new product or a gift card. Or, you can recycle it for free. Eligible devices include iPhone, iPad, iPod touch, Apple Watch, and AirPods. See [Apple.com/tradein](#) for details. Trade In is available in the U.S. and Canada. See [apple.com/tradein](#) for details. © 2023 Apple Inc. All rights reserved. Apple, the Apple logo, and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries. iPad is a trademark of Apple Inc., registered in the U.S. and other countries. iPod touch is a trademark of Apple Inc., registered in the U.S. and other countries. AirPods is a trademark of Apple Inc., registered in the U.S. and other countries. Apple Watch is a trademark of Apple Inc., registered in the U.S. and other countries. Apple logo is a trademark of Apple Inc., registered in the U.S. and other countries. All other marks are the property of their respective owners.

iPhone recycling

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[See Dave in action](#)



Definitions

Bio-based plastics: io-b d tic m d, fom biologic ou c t t n fom fo i-fu, ou c . io-b d tic ow u to duc, i nc, on fo i fu.

Carbon footprint: E tim t d mi ion c cu t d in cco d nc wit guid, in d qui m nt, cifid b IS. 14 4 nd IS. 14 44. i in n t unc t int in mod, ing c bon mi ion du, im i to d t im it ion. o t, to com on nt cont ibuto t c bon mi ion d d t i unc t int b d o ing d t i d oc, -b d p ion m nt mod, wit cific m t, o t, m ining m nt of c bon foot int w, on indu t, g d t nd um tion. C cu tion incud mi ion fo t, fo owing if, c c, cont ibuting to Gob W ming ot nti (GW 1) in C.2, qui nc fcto (C.2)

▲ **Production:** Incud, t t ction oduction nd t n o t ion of w m t i, w t, m nuf ctu, t n o t nd mb of t nd oduct ck ging.

▲ **Transport:** Incud, i nd, t n o t ion of t, fini d oduct nd it, oci t d ck ging fom m nuf ctu ing it, to gion d i t ibution ub, n o t of oduct fom d i t ibution ub to nd cu tom, i mod, d u ing, g, d i t nc, b d on gion g og.

▲ **Use:** um, t, o fou, i od fo ow, u, b fi town, b d ont, oduct t, oduct u, c n i o, b d on i to ic cu tom, u d t fo imi oduct. Eng u, i mu t d in, iou w, fo, m, b mod, ing

d i b tt, d in o t oug, fo ming ctj iti, ik, m p i, nd mu ic b ck. G og ic diff, nc, int, ow, g id mi, b, n ccount d fo t gion.

▲ **End-of-life processing:** Incud, t n o t ion fom co ction ub to c cing c nt, nd t, n, g u d in m c nic, tion nd dding of t, o mo, info m tion on t, c bon foot int, i t www.apple.com/iphone/repair/

Recycled materials: R c cing m k, b tt, u, of finit, ou c, b ou cing fom, cp, d t, t n m d m t i, R c c d cont nt c im fo m t i, u d in ou oduct, b, n, i fi d b n ind, nd nt i d t to c c d cont nt t nd d t t confo m to IS. 14 21.

Renewable materials: W d fin, bio-m t i, t o t t c n b, g n, t d in um n if, n ik, fib, o ug c n, io-m t i, c n, u u, f w, finit, ou c, ut, nt oug bio-m t i, t, bit to g ow t, not w m n g d, on ib. R n w b, m t i, t, of bio-m t i m n g d in w t t n b, continuou oduction wit out d, t ing t, t t, ou c, t w w, focu on ou c, t t, c, tifi d fo t i m n g m nt ctic.

Supplier Clean Energy Program: Sinc t, t ct icit u d to m k, ou oduct i t, g t cont ibuto to ou p, c bon foot int w, ing ou u i, b.com mo, n, g, ffi c i nt nd t n it ion to n w n w b, n, g ou c. W, committ d to t n it ioning ou nti, m nuf ctu ing, u c in to 1 c nt n w b, t ct icit b 2 3.

Endnotes

¹ R. gu t d Sub t nc, S cific tion d, c ib, t ct ion on t, u, of c t in c mic ub t nc, in m t i, in oduct, cc, o i, m nuf ctu ing oc, nd ck ging u d fo i ing oduct to nd-cu tom, R, t ct ion, d, j d fom int, n tion w, o di ctj, gu to g nci, co- b, qui m nt, p ion m nt, t nd d, nd, o i c i, E, oduct i f, of C nd t t, c t, fo C ow, co d in Indi i nd, fo 2- ong C ow, co d) nd Sout o, w, w, continu, to, k gp, nm nt p fo ou C nd t t, c m nt, oduct com wit t, Eu o, n Union Di ctj, 2 11/ E/ EU nd it, m nd m nt, including, m tion fo t, u, of, d, uc, ig- t, m, tu, o d, i wo king to, out t, u, of t, m t d, ub t nc, fo n w oduct w, t c nic, o, ib.

² i on, 14 o c i, d God ting int, Unit d St t, nd C n d in cco d nc, wit IEEE 1 8 . 1 o U 11 nd i i t d, uc ont, E ct onic oduct Ep ion m nt, m nt, oo (E E) R g j t. E E - g j t, com ut, di, nd mobi, on, b d on p ion m nt, qui m nt, int, t nd d, o mo, info m tion, i t www.apple.com/iphone/repair/.

³ G, n ou, g, mi ion w, c cu t d u ing if, c c, m nt m t o do og in cco d nc, wit IS. 14 4 nd 14 44, t nd d, nd b, d on i on, 14 o t nd d configu tion wit 128G, to g.

Carbon footprint		
	iPhone 14 Pro Max	iPhone 13 Pro Max
128G	73 kg C.2	74 kg C.2
256G	81 kg C.2	81 kg C.2
512G	93 kg C.2	93 kg C.2
1TB	124 kg C.2	117 kg C.2

Endnotes

- 4 iPhone 13 o/w, used for comparison, most content is not included in the iPhone 14 o/w with 128GB to go, configuration, including two o/w, to go, configuration, off.
- 5 When measuring in our usual conditions, the identified time to reach 30% of the maximum capacity of the battery is approximately 18 minutes. In addition, our tests are conducted in a laboratory environment, including a controlled temperature and humidity.
- 6 The maximum battery life of the iPhone 14 Pro Max is approximately 22 hours and 30 minutes. This is based on our tests conducted in a laboratory environment, including a controlled temperature and humidity.
- 7 The battery life of the iPhone 14 Pro Max is approximately 22 hours and 30 minutes. This is based on our tests conducted in a laboratory environment, including a controlled temperature and humidity.
- 8 The battery life of the iPhone 14 Pro Max is approximately 22 hours and 30 minutes. This is based on our tests conducted in a laboratory environment, including a controlled temperature and humidity.
- 9 The battery life of the iPhone 14 Pro Max is approximately 22 hours and 30 minutes. This is based on our tests conducted in a laboratory environment, including a controlled temperature and humidity.
- 10 The battery life of the iPhone 14 Pro Max is approximately 22 hours and 30 minutes. This is based on our tests conducted in a laboratory environment, including a controlled temperature and humidity.
- 11 The battery life of the iPhone 14 Pro Max is approximately 22 hours and 30 minutes. This is based on our tests conducted in a laboratory environment, including a controlled temperature and humidity.
- 12 Efficiency of the iPhone 14 Pro Max is approximately 87.8% at 100V, 87.9% at 115V, and 87.8% at 230V. This is based on our tests conducted in a laboratory environment, including a controlled temperature and humidity.

Power consumption for iPhone 14 Pro Max			
Mode	100V	115V	230V
Power, no-load	.4W	.4W	.4W
Power, efficiency	87.8	87.9	87.8

- 13 iPhone 14 o/w, used for comparison, most content is not included in the iPhone 14 o/w with 128GB to go, configuration, including two o/w, to go, configuration, off.
- 14 The battery life of the iPhone 14 Pro Max is approximately 22 hours and 30 minutes. This is based on our tests conducted in a laboratory environment, including a controlled temperature and humidity.

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