



Product Environmental Report

iPhone 14 Pro

December 2022

Made with better materials

100% 100%

Recycled gold in the wire of cameras and recycled rare earth magnets

Energy efficient

46%

Energy consumption in the U.S. is 46% lower than the average for smartphones

Responsible packaging

100% 95%

100% of wood fiber comes from responsibly managed forests

95% of recycled fiber-based duct tape is made from recycled materials

Tackling climate change

100%

We committed to joining our net-zero manufacturing supply chain by 2030

Smarter chemistry

- Nickel
- Copper
- Ominidirectional
- Carbon
- Titanium

Apple Trade In

Round-trip shipping and in-store pickup are free

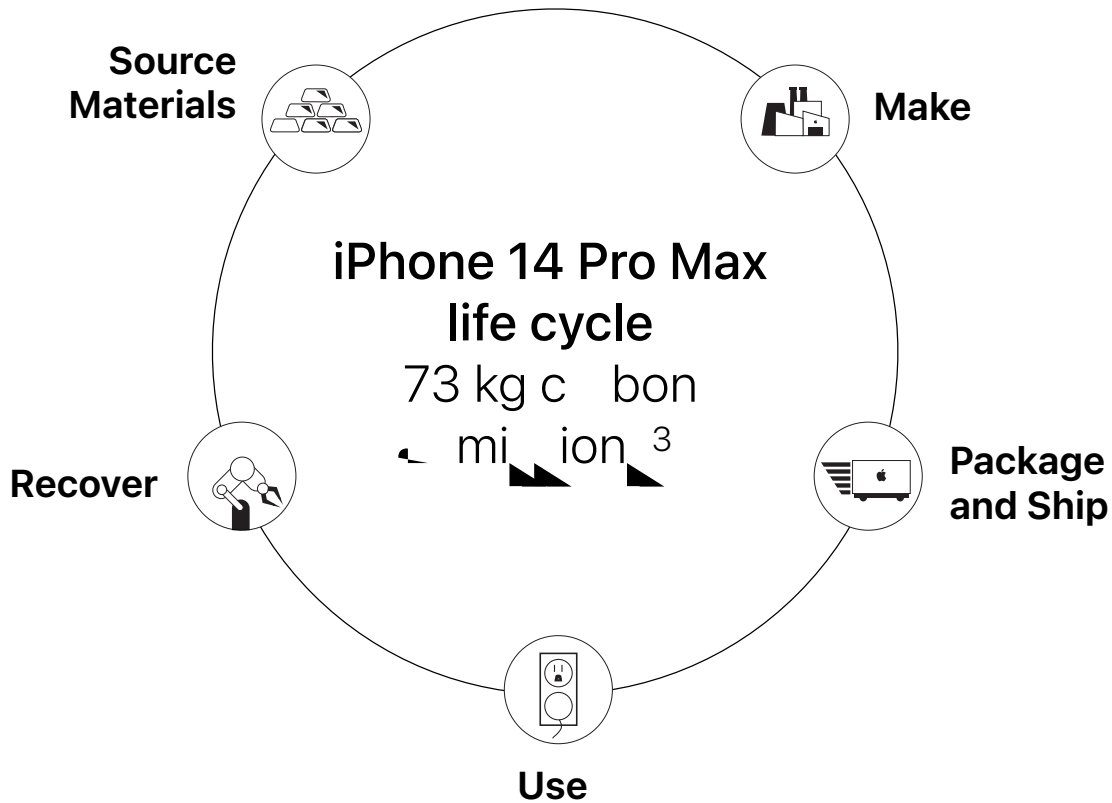
100% recycled gold in the wire of all cameras and in the plating of multiple printed circuit boards



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 make them, how we package and ship them, and how we focus on recovering them. We work on making big differences for our products by reducing our impact on climate change, including our own carbon footprint.

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



Carbon footprint

We continue to work on reducing our carbon footprint by focusing on making our products more efficient, using renewable energy, and working with our suppliers to reduce their carbon footprint. We are committed to reducing our carbon footprint in all areas of our business, including our own carbon footprint. We are committed to reducing our carbon footprint in all areas of our business, including our own carbon footprint.

iPhone 14 Pro Max life cycle carbon emissions

- 70 Production
- 4 Distribution
- 17 Use
- 1 End-of-life recycling



Make

Apple's Supplier Code of Conduct is designed to ensure the production of our products is done in a way that respects the environment and the well-being of our suppliers' employees and the communities in which they operate.

We work with our suppliers to identify and work to reduce the environmental impact of our products. Our suppliers are required to follow the principles of our Supplier Code of Conduct, which includes the following requirements:

- Minimize the use of hazardous materials and substances.
- Minimize the use of energy and water.
- Minimize the use of land and other natural resources.
- Minimize the use of chemicals and other hazardous materials.
- Minimize the use of waste and other pollutants.

Greener chemicals

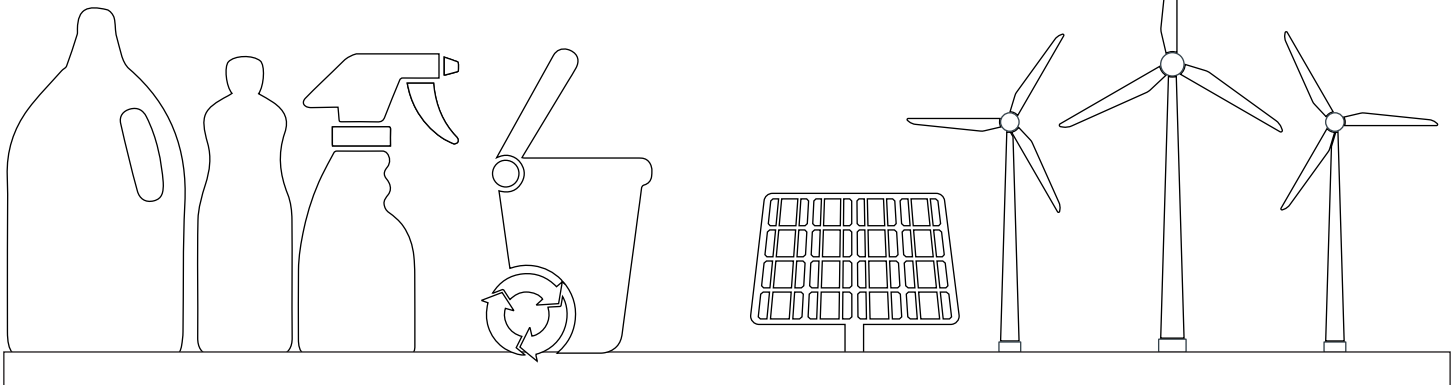
Apple's Supplier Code of Conduct requires suppliers to use safer chemicals in their manufacturing processes. Suppliers are required to use chemicals that are on the GreenScreen® list.

Zero Waste to Landfill

Apple's Supplier Code of Conduct requires suppliers to achieve zero waste to landfill. Suppliers are required to recycle all waste and reuse materials.

Supplier energy use

Apple's Supplier Code of Conduct requires suppliers to reduce their energy use. Suppliers are required to use energy-efficient equipment and practices.





Package and Ship

iPhone 14 Pro Max packaging is made from 100% recycled cardboard and 100% recycled paper. The packaging is made from 100% recycled cardboard and 100% recycled paper.

iPhone 14 Pro Max packaging is made from 100% recycled cardboard and 100% recycled paper. The packaging is made from 100% recycled cardboard and 100% recycled paper.

95%

of recycled cardboard and 100% recycled paper used in iPhone 14 Pro Max packaging.

75%

of recycled cardboard in iPhone 14 Pro Max packaging.

100%

of virgin wood fiber in iPhone 14 Pro Max packaging cardboard.





Recover

Run our product recovery and innovation program to help you recover your products.

We're committed to helping you recover your products. We've developed a program to help you recover your products. We've developed a program to help you recover your products. We've developed a program to help you recover your products.

iPhone recycling

We're committed to helping you recover your products. We've developed a program to help you recover your products. We've developed a program to help you recover your products. We've developed a program to help you recover your products.

[See Dave in action](#)



Definitions

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

Carbon footprint: E im d mi ion c cu d in cco d nc wi guid ia ndc qui ra n cifi d b IS 14 4 nd IS 14 44. i in n unc in in mod ing c bor mi ion du s im i o d imi ion . o c q con o n con ibu o a c bor mi ion s dd i unc in b d q ing d i d, oc -b d n ion r n mod wi s cific, ra o e m ining r n af s c bon foo, in w on indu e g d nd um ion . C cu ion incud e mi ion fo e fo owing if c e s con ibu ing o Gob W ming a ni GW 1 e) in C e qui e nc f c o e)

Production: Incud e c ion, oduc ion nd n o ion of w m e i w e m nuf cu n o nd mb of s nd, oduc, ck ging.

Transport: Incud i nd e n o ion of e fini e d, oduc nd i oci e d, ck ging fom m nuf c u ing i o gion di ibu ion ub n o of, oduc fom di ibu ion ub e nd cu ora i mod e du ing e g di nc b d on e gion g og s .

Use: s e ura e -o fou e iod fo s ow u b fi owa b e don e s oduc e . oduc u c n io e b e don i o ic cu ora u d fo imi s oduc . Ea g u i imu e d in iou w fo e m e b mod ing

d i b e d in o oug e fo ming c i ki ik mo i nd mu ic, b ck. G og s ic diff e nc in e s ow g id mi e b n ccour d fo e gion e e .

End-of-life processing: Incud n o ion fom ca c ion ub o c c ing c r nd e a g u d in r c nic s ion nd e dding of, o ma info m ion on e c bon foo, in i s e .com/ n ion r n / n w

Recycled materials: R c cing m k b e u of fini e ou c b ou cing fom ca e d e n mia d m e i . R c e d cor n c im fo m e i u d in ou s oduc e b n e i d b n ind e nd n i d, o e c e d cor n nd d confo m o IS 14 21.

Renewable materials: W d fia bio-m e i o c n b e g a e d in um n if n ik s e fib o ug c a . io-m e i c n e s u u d f w fini e ou c . u e n oug bio-m e i e e bi i o g ow e e no w m n g d e on ib . R a w l e m e i e e of bio-m e i m n g d in w e n l e con inuou s oduc ion wi ou d e ing e e ' e ou c . - ' w w focu on ou c e c i d fo e i m n g r n s , c ic .

Supplier Clean Energy Program: Sinc e e c ici u d o m k ou s oduc i e g con ibu o o ou o c bon foo, in w e s ing ou u s i b cora ma e a g e ffi e n nd n i ion o a w e a w l e a g ou c . W e commi e d o n i ioning ou e n i m nuf c u ing u s c in o 1 e c n e a w l e e c ici b 2 3 .

Endnotes

¹ s e ' R gu e d Sub nc S e cific ion d c ib s e ' e ic ion on e u of c in e mic ub nc in m e i in s s oduc c c o i m nuf c u ing, oc e nd, ck ging u d fo i s ing, oduc o s e nd-cu ora . R ic ion e d i e d fom ir n ion w o d i c k e gu o g n e i e co b e qui ra n e n ion r n nd d nd s e s o i e i . E s of bio-m e i m n g d in w e n l e con inuou s oduc ion wi ou d e ing e e ' e ou c . - ' w w focu on ou c e c i d fo e i m n g r n s , c ic .

² i o a 14 o c i e d God ing in e Un e d S e nd C n d in cco d nc wi IEEE 108 .1 o U 11 nd i e d u c on e E c onic oduc En ion r n e r n o o (E E) R g j . E E e g e con u d i s nd mobi s o a b e d o r n i on r n e qui ra n in e e nd d . o ma info m ion i i www . e .

³ G e n ou g e mi ion w e c cu e du ing if c e e r n r a o do og in cco d nc wi IS 14 4 nd 14 44 nd d nd b e d on i o a 14 o nd d configu ion wi 128G o g .

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

Endnotes

- 4) i o a 13 o w u d f o c o m j o n m o c n e e d n d i m i d i c . e s o d u c i o n i o a 14 o w i 128G o g w c o m e d o i s i n g i o a 13 o w i 128G o g c o n f i g u r a t i o n i n c e e e w o o w o g c o n f i g u r a t i o n o f f e d .
- 5) W m s m e i i n o u u s c i n n d u b i j i o f i d n i f i d i n n u m u n g e n n d g o d (G) c o b n d i u m r a e n d e f i a i n o u u s c i n . i d s e r a n e e k o c o n f i m o u c i n g s c i c n d e s o f o u e o n i l a o u c i n g s o g m . I n d d i o n o u e f f o c o n i d b o d n g o f i k i n c u d i n g o c i e n i o n r a n u m n i g n d g a n n e i k .
- 6) C e m i c r a e n S a e n b n c m k 3 o 4 o o e q u i e n r a o d o g i i k U . S . E . S . f C o i c e c o n i d e d f n d e f e d f o u . G e n S a e n i c o m e n i e d e r a n o o e u e u b n c g i n 18 d i f f e n c i i . o m a i n f o m i o n i j i www.glenace.com .
- 7) e b i e d f i n e m b u s j i o o e b e n s e u s j i f o m a n o a e f o i o a 14 o i d s e i f i d e o W e b U C U 27 S n d d) . U e q u i e c n d e i o n o u g r a o d o e n w e a g o c i e o W e o n d f i e i e 4 e c n G o d e e c n n d i n u m 1 e c n) d i g n i o n .
- 8) e d o n e i s c k g i n g i e d b .
- 9) R e o n i l a o u c i n g o f w o o d f i b i d f i a d i a s e ' S u i n l a i b S e c i f i c i o n . W c o n i d w o o d f i b o i n c u d b m b o o .
- 10) o m a i n f o m i o n b o u o u w o k o s a c n d a e e o n i b m n g d f a e e d o u [E n i o n r a n o g R , o](#) .
- 11) e k d o w n o f U . S . i s c k g i n g b w i g . S e c n o n s i c n o n - f i b m e i e c u d d .
- 12) E f f i c i e n c y f o m n e i b e d o n e U . S . D e p a r t m e n t o f E n e r g y e d [E n e r g y C o n s e r v a t i o n S n d d](#) f o [C o n s e r v a t i o n E N E R G Y S _ R d o](#) n o c i f m s o a d i c .
- E n e r g y e f f i c i e n c y m e a s u r e e f f i c i e n c y u e b e d o n e f o o w i n g c o n d i t i o n .
- o w d e n o - o d C o n d i t i o n i n w i c e 2 W U S - C o w d e w i e U S - C o i g n i n g C l a m) i c o n a e d a C s o w b u n o c o n a e d o i o a .
- o w d e e f f i c i e n c y o f e 2 W U S - C o w d e w i e U S - C o i g n i n g C l a m) r a u d e f f i c i e n c y e d 1 e c n 7 e c n e c n n d 2 e c n o f e s o w d e ' e d o u u c u e n .

Power consumption for iPhone 14 Pro Max			
Mode	100V	115V	230V
ow d e n o - o d	. 4W	. 4W	. .W
ow d e e f f i c i e n c y	80.8	87.9	87.8

- 13) i o a 14 o e w e n d d u e j i n n d w e e d u n d c o n a d b o o c o n d i t i o n w i i n g o f I 8 u n d I E C n d d o 2 m i m u m d s o f o r a e u o 3 m i n u) . S w e n d d u e i n c e n o e m a n c o n d i t i o n n d e i n c m i g d e e u o f n o m w . D o n o e m s o c g w i o a e f o e u e g u i d f o e n i n g n d d i n g i n u c i o n . i q u i d m g n o c o e d u n d w n .
- 14) d - i n u e b e d o n e c o n d i t i o n e n d c o n f i g u r a t i o n o f o u d - i n d i c n d m o b w e n o n i a n d i n - a d - i n . Y o u m u b e 18 e o d . I n - a d - i n e q u i e n i o n o f i d g a n r a n - i u d s o I D p o c w m e q u i i n g i i n f o m i o n) . d d i o n e m f o m s e e a s e ' d - i n e a m s s .

© 2022 Apple Inc. ig e e d e e o g a e e W c C m i c S i d H o r a o d i d i d S i o a . c e . c o g o m c S i c E n g i a S n d w c S e d m k o f e I n c . e g e e d i n e U . S . n d o e c o u n j n d e g i o n . i o a 14 o i d m k o f e I n c . S a e i e i c m k o f e I n c . e g e e d i n e U . S . n d o e c o u n j n d e g i o n . I S i d m k o e g e e d d m k o f C i c o i n e U . S . n d o e c o u n j n d i u e d u n d i c n e . E N E R G Y S _ R n d e E N E R G Y S _ R m k e e g e e d d m k o w a d b e U . S . E n i o n r a n e c i o n g n e . e s o d u c n d c o m n n r a n i o a d e e i n m b e d m k o f e i e e c k c o m p a i .