



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

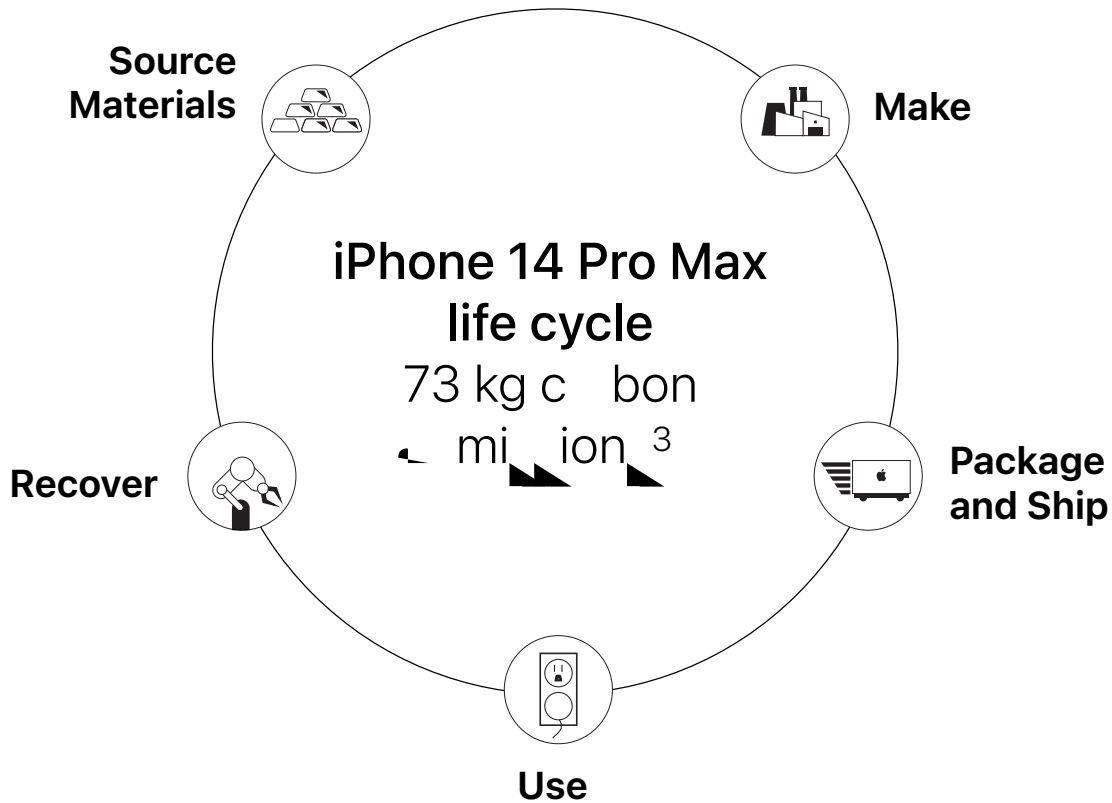
100% recycled gold in the wire of all cameras and in the plating of multiple printed circuit boards



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 the future, including our own carbon footprint. We are committed to reducing our carbon footprint in the future, 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 live and work.

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 the United Nations Global Compact, which is a set of 10 principles that guide companies in their operations. We also require our suppliers to follow the principles of the International Labour Organization's Declaration on Fundamental Principles and Rights at Work.

Greener chemicals

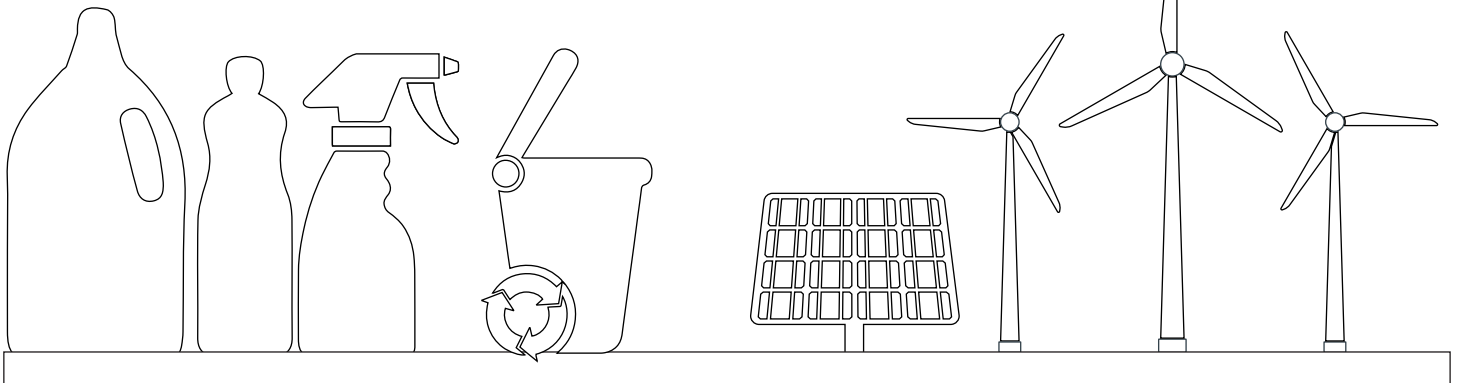
Apple has committed to using 100% of green chemicals in its manufacturing processes. This includes the use of water-based coatings and the elimination of hazardous substances. Apple is also working to reduce the use of chemicals in its products and packaging.

Zero Waste to Landfill

Apple has committed to achieving 100% zero waste to landfill by 2025. This means that all of the waste generated by Apple's operations will be recycled, reused, or otherwise diverted from landfills.

Supplier energy use

Apple has committed to reducing the energy use of its suppliers by 15% by 2025. This is being achieved through a combination of energy efficiency measures and the use of renewable energy.





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.

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95%

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

75%

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

100%

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





Use

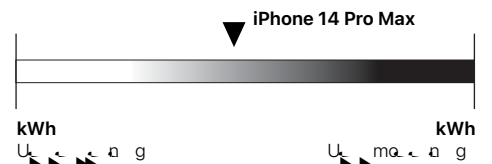
iPhone 14 Pro uses 40% less energy during charging and 12% less energy during use.¹²

With 100% recycled aluminum and glass, iPhone 14 Pro is made with 100% recycled materials. With the new Energy Efficient Charging, iPhone 14 Pro can charge up to 50% faster than previous models. And with the new 5-core A16 Bionic chip, iPhone 14 Pro is designed to last longer. And with the new 5-core A16 Bionic chip, iPhone 14 Pro is designed to last longer.

Energy efficiency

As of October 2022, iPhone 14 Pro is the most energy-efficient smartphone in the world, according to the U.S. Department of Energy's Energy Conservation Standards. iPhone 14 Pro uses 40% less energy during charging and 12% less energy during use.¹²

U.S. Department of Energy standard



Designed to last

iPhone 14 Pro features a Ceramic Shield front cover, which is the most durable smartphone cover ever. And with the new 5-core A16 Bionic chip, iPhone 14 Pro is designed to last longer.¹³

Made with smarter chemistry

With 100% recycled aluminum and glass, iPhone 14 Pro is made with 100% recycled materials. And with the new 5-core A16 Bionic chip, iPhone 14 Pro is designed to last longer.



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 created a program that allows you to return your products to us for recycling. This program is designed to help you reduce your environmental impact and recover your products. We're committed to helping you recover your products. We've created a program that allows you to return your products to us for recycling. This program is designed to help you reduce your environmental impact and recover your products.

iPhone recycling

We're committed to helping you recover your products. We've created a program that allows you to return your products to us for recycling. This program is designed to help you reduce your environmental impact and recover your products.

[See Dave in action](#)



Definitions

Bio-based plastics: io-b d, ic m d
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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
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Supplier Clean Energy Program: Sinc e e c ici
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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
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go e n ra n s s o fo ou C nd, e e s e ra n s s oduc com wi e Eu e n Union
Di c k 2 11 / EU nd i ra nd ra n including e m ion fo e u of d u c ig e m e u o d .
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info m ion i i www e . a .

³ G e n ou g e mi ion w e c cu e du ing if c e e ra n ra 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 e n d e f i a i n o u u s c i n . i d s r a n e k o c o n f i m o u c i n g , c i c n d e s o f o u e o n i l a o u c i n g , 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 e G 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 www.glenacn.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 c n G o d 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 e e o n i b m n g d f a 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 e 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 r a n o f E a g e d [E a g C o n s u m p t i o n S n d d f o C g e n e n e E N E R G Y S R d o n o c i f m s o a d i c](#) .
- E a g e f f i c i e n c y m e a g 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 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 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	. 4W
ow d 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 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 , a m s s .

© 2022 Apple Inc. ig e e d e s e o g a s 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 s e I n c . e g e e d i n e U . S . n d o e c o u n j i n d e g i o n . i o a 14 o i d m k o f s e I n c . s e i j e i c m k o f s e I n c . e g e e d i n e U . S . n d o e c o u n j i 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 i 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 .