



Product Environmental Report

iPhone 14 Pro

December 2022

Made with better materials

100% 100%

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

Tackling climate change

100%

We committed to joining our net manufacturing footprint in 2025 to help reduce global emissions by 2030.

Energy efficient

46%

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



Smarter chemistry

- Nickel
- Copper
- Ominidirectional
- Carbon
- Titanium

Responsible packaging

100% 95%

100% of wood fiber comes from responsibly managed forests. 95% of the packaging is made from recycled materials.

Apple Trade In

Round up your old iPhone and get a new one. We'll take care of the rest.

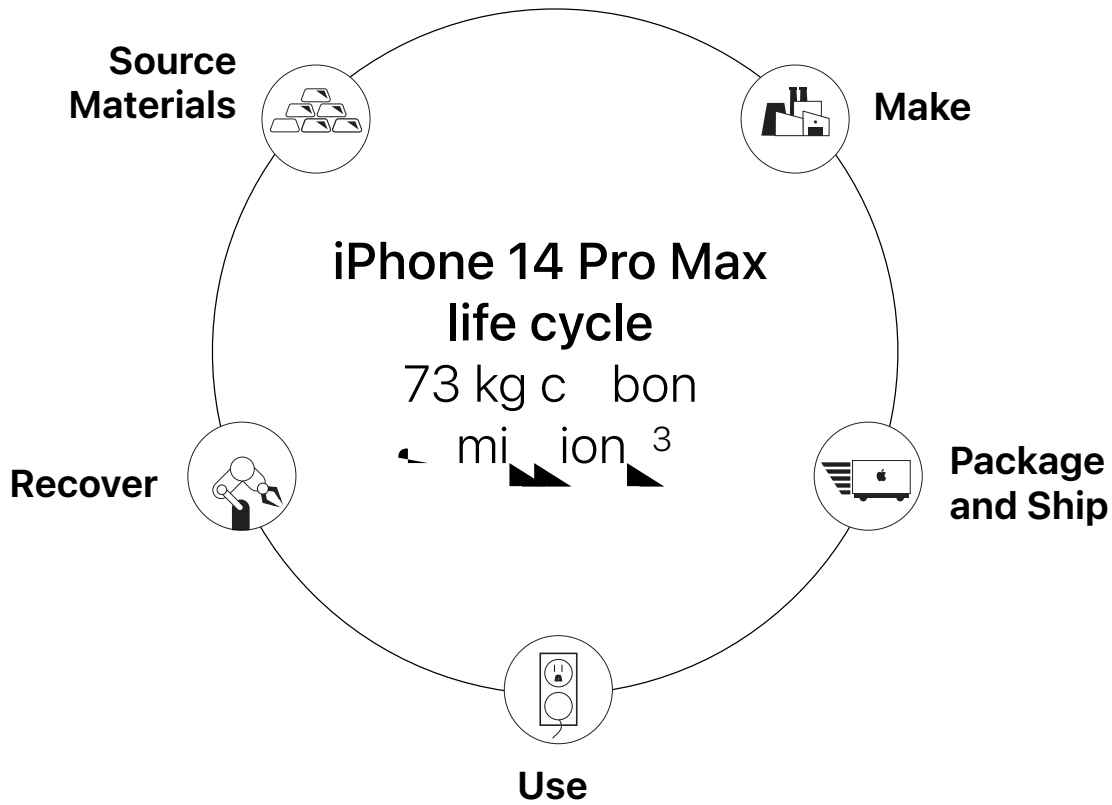
100% recycled gold in the wire of all cameras and in the plating of multiple printed circuit boards



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, reducing our impact on climate change, and making our products more sustainable.

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 using recycled materials. Our goal is to reduce our carbon footprint by 25% by 2030. We are committed to reducing our carbon footprint by 25% by 2030. We are committed to reducing our carbon footprint by 25% by 2030.

iPhone 14 Pro Max life cycle carbon emissions

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



Source Materials

The world of consumer electronics is a complex and dynamic one.

Our commitment to responsible sourcing is a key part of our business strategy. We work with leading suppliers to ensure that the materials we use are sourced responsibly. This includes working with suppliers who are committed to ethical practices, environmental protection, and social responsibility. We also work to reduce our carbon footprint and improve our energy efficiency. Our goal is to create a sustainable and responsible supply chain that meets the needs of our customers and the planet.



Rare earth elements

We use 1% of the world's rare earth elements in our products. These elements are used in a variety of applications, including magnets, catalysts, and electronics. We work with suppliers to ensure that these elements are sourced responsibly and sustainably.



Tungsten

We use 1% of the world's tungsten in our products. Tungsten is a hard, heavy metal used in a variety of applications, including cutting tools, wear parts, and electronics. We work with suppliers to ensure that tungsten is sourced responsibly and sustainably.



Tin

We use 1% of the world's tin in our products. Tin is a soft, malleable metal used in a variety of applications, including solder, coatings, and electronics. We work with suppliers to ensure that tin is sourced responsibly and sustainably.



Plastic

We use 1% of the world's plastic in our products. Plastic is a synthetic material used in a variety of applications, including packaging, electronics, and construction. We work with suppliers to ensure that plastic is sourced responsibly and sustainably.



Gold

We use 1% of the world's gold in our products. Gold is a precious metal used in a variety of applications, including jewelry, electronics, and investment. We work with suppliers to ensure that gold is sourced responsibly and sustainably.

Smarter chemistry

We are committed to using smarter chemistry in our products. This includes using less material, reducing waste, and improving the efficiency of our manufacturing processes. We work with suppliers to ensure that our products are made with smarter chemistry and are more sustainable.





Make

Apple's Supplier Code of Conduct is designed to ensure the production of our products in a way that respects the environment. It is a key part of our commitment to responsible manufacturing and is a key part of our Supplier Code of Conduct.

We work with our suppliers to ensure that they work in a way that respects the environment. We have a number of initiatives in place to ensure that our suppliers are working in a way that respects the environment. These initiatives include the following:

- Supplier energy use
- Supplier water use
- Supplier waste management
- Supplier labor practices
- Supplier human rights

Greener chemicals

Apple is committed to reducing the use of hazardous chemicals in our products. We have implemented a number of initiatives to ensure that our suppliers are using safer chemicals. These initiatives include the following:

- Supplier chemical management
- Supplier chemical safety
- Supplier chemical training
- Supplier chemical audits

Zero Waste to Landfill

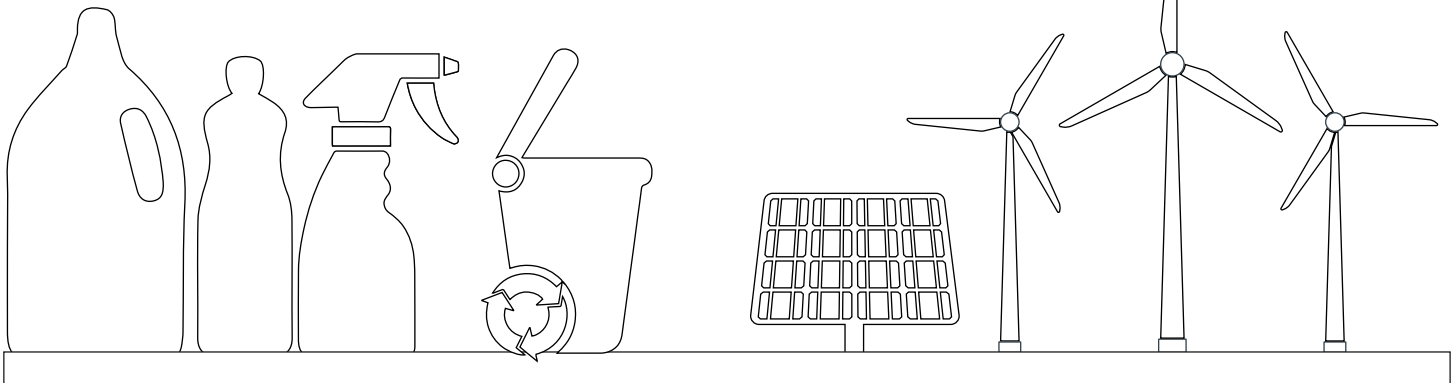
Apple is committed to reducing the amount of waste that we send to landfill. We have implemented a number of initiatives to ensure that our suppliers are reducing their waste. These initiatives include the following:

- Supplier waste management
- Supplier waste reduction
- Supplier waste recycling
- Supplier waste audits

Supplier energy use

Apple is committed to reducing the amount of energy that we use in our products. We have implemented a number of initiatives to ensure that our suppliers are reducing their energy use. These initiatives include the following:

- Supplier energy management
- Supplier energy reduction
- Supplier energy audits
- Supplier energy training





Package and Ship

iPhone 14 Pro Max packaging does not use any plastic wrap.⁸ iPhone 14 Pro Max packaging is made from 100% recycled cardboard and is made from 100% recycled cardboard.

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

95%

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

75%

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

100%

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





Use

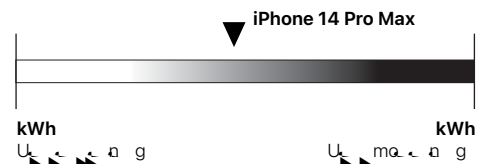
iPhone 14 Pro uses 40% less energy during charging and 12% less energy during use.¹²

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 can do more with less power. And with the new 5-core A16 Bionic chip, iPhone 14 Pro can do more with less power. And with the new 5-core A16 Bionic chip, iPhone 14 Pro can do more with less power.

Energy efficiency

As of October 2022, the U.S. Department of Energy's Energy Conservation Standards for Cell Phones¹² iPhone 14 Pro uses 40% less energy during charging and 12% less energy during use.

U.S. Department of Energy standard



Designed to last

iPhone 14 Pro features a Ceramic Shield front cover that's up to 4x more durable than previous iPhone models. And with the new 5-core A16 Bionic chip, iPhone 14 Pro can do more with less power.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 can do more with less power.



Recover

Run our product recovery and innovation program to help you get the most out of your products.

We're committed to helping you get the most out of your products. Our product recovery and innovation program is designed to help you get the most out of your products. We're committed to helping you get the most out of your products. Our product recovery and innovation program is designed to help you get the most out of your products.

iPhone recycling

We're committed to helping you get the most out of your products. Our product recovery and innovation program is designed to help you get the most out of your products. We're committed to helping you get the most out of your products. Our product recovery and innovation program is designed to help you get the most out of your products.

[See Dave in action](#)



Definitions

Bio-based plastics: io-b d, ic m d
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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

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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 uc ig e m e u o d .
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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 oa 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 r a n e 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 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.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 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 . 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 e f o m n e i b e d o n e U . S . D , 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 e m e a g e f f i c i e n c e u e b e d o n e f o o w i n g c o n d i o n .
- o w d e n o - o d C o n d 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) j c o n a e d a C , 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 e g 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 e n e d 1 e c n 7 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 e	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 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 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 a e d u n d w n .
- 14) d - i n u b e d o n e c o n d 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 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 , r i .