



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

## Tackling climate change

100%

We committed to joining our net manufacturing footprint in 2023

## Smarter chemistry

- nickel
- copper
- chromium
- cadmium
- lead
- mercury



## Apple Trade In

Round out your trade-in with a gift card when you trade in your iPhone 14 Pro

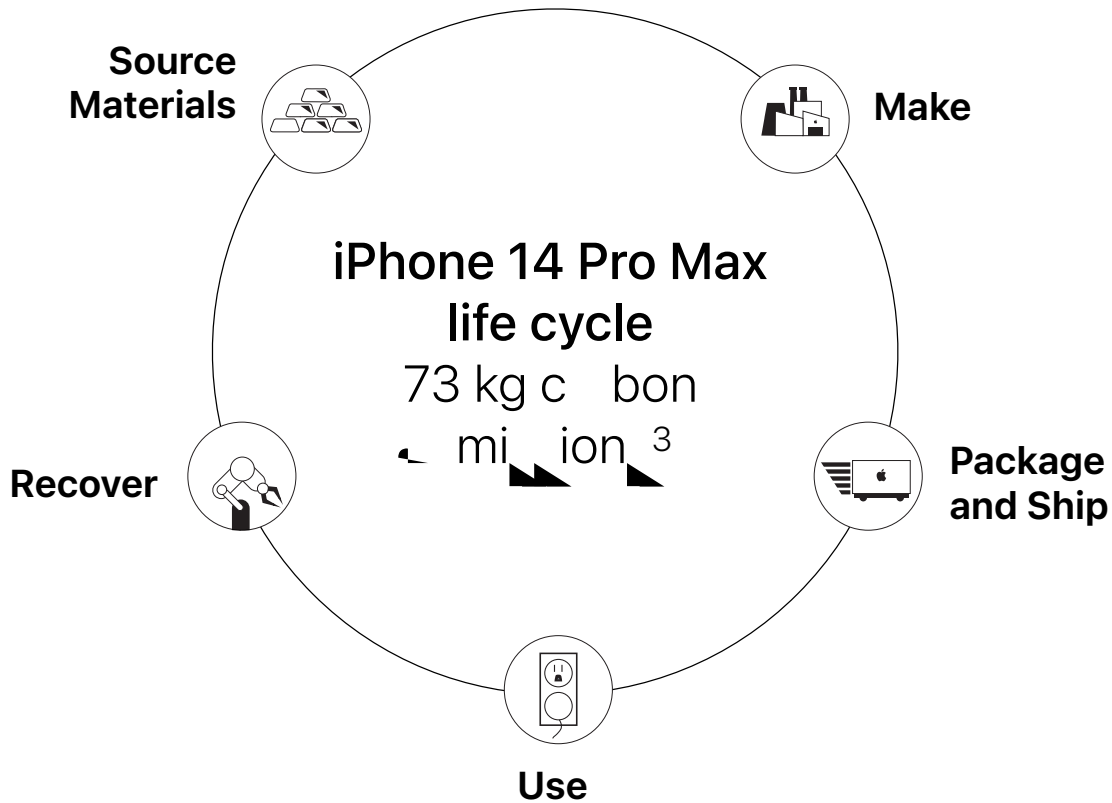
# 100% recycled gold in the wire of all cameras and in the plating of multiple printed circuit boards



# 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 20% by 2030. We are committed to reducing our carbon footprint by 20% by 2030. We are committed to reducing our carbon footprint by 20% by 2030.

## 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 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.

Working with our suppliers to reduce the environmental impact of our products is a key part of our commitment to responsible manufacturing. This includes working with our suppliers to reduce the environmental impact of our products, including the use of renewable energy, reducing greenhouse gas emissions, and reducing waste. We are committed to working with our suppliers to reduce the environmental impact of our products, including the use of renewable energy, reducing greenhouse gas emissions, and reducing waste.

## Greener chemicals

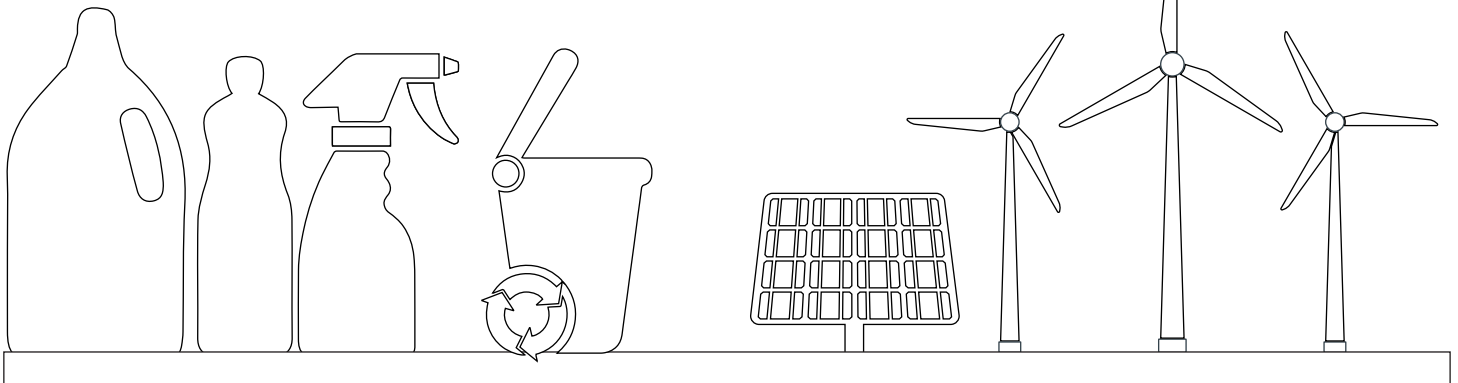
Apple is committed to reducing the environmental impact of our products, including the use of greener chemicals. We are working with our suppliers to reduce the environmental impact of our products, including the use of greener chemicals. We are committed to working with our suppliers to reduce the environmental impact of our products, including the use of greener chemicals.

## Zero Waste to Landfill

Apple is committed to reducing the environmental impact of our products, including the use of zero waste to landfill. We are working with our suppliers to reduce the environmental impact of our products, including the use of zero waste to landfill. We are committed to working with our suppliers to reduce the environmental impact of our products, including the use of zero waste to landfill.

## Supplier energy use

Apple is committed to reducing the environmental impact of our products, including the use of supplier energy use. We are working with our suppliers to reduce the environmental impact of our products, including the use of supplier energy use. We are committed to working with our suppliers to reduce the environmental impact of our products, including the use of supplier energy use.





# Package and Ship

iPhone 14 Pro Max packaging does not use any plastic wrap.<sup>8</sup> It is being used on the company's website for online shopping, and is from our packaging by 2022.

Our packaging will be working to minimize plastic in the cardboard and use recycled cardboard made from wood fiber in our packaging. It is made from recycled cardboard from our own manufacturing and will be made from recycled cardboard from our own manufacturing. It is made from recycled cardboard from our own manufacturing.

## 95%

of our packaging<sup>11</sup> is fiber-based and does not use any plastic in our packaging.

## 75%

of cardboard in fiber packaging.

## 100%

of virgin wood fiber in our packaging comes from our own manufacturing.





# Use

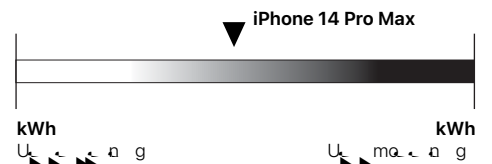
iPhone 14 Pro, use 40% less energy during charging and 12% less energy during use.<sup>12</sup>

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, the U.S. Department of Energy's Energy Conservation Standards for Cell Phones<sup>12</sup> iPhone 14 Pro consumes 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 90% more durable than previous iPhone models.<sup>13</sup>

## Made with smarter chemistry

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.





# 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 footprint and recover valuable materials. We'll take care of everything from collection to recycling, so you can focus on your business.

## iPhone recycling

With our iPhone recycling program, you can return your old iPhones to us for recycling. We'll take care of everything from collection to recycling, so you can focus on your business.

[See Dave in action](#)



# Definitions

**Bio-based plastics:** io-b d, ic m d  
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nd, oduc, ck ging.

**Transport:** Incud i nd n o ion of  
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n o of, oduc f om di ibu ion ub a nd  
cu ora i mod d u ing c g di nc  
b d on e gion g og s

**Use:** s ura e o fou e iod  
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e oduc u c n io c b d on i o ic  
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**End-of-life processing:** Incud n o ion  
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**Recycled materials:** R c cing m k b e u  
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**Renewable materials:** W d fia bio-m e i  
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e e of bio-m e i m n g d in w  
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**Supplier Clean Energy Program:** Sinc e e c ici  
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# Endnotes

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e qui ra n e n ion ra n nd d nd s s o i e i E s s oduc i e of C nd, e c s  
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goe nra n s s o fo ou C nd, e s e ra n s s oduc com wi e Eu e n Union  
Di c k 2 11 / EU nd i ra ndra n including e m ion fo e u of d u c ig e m e u od  
s e i wo king o s e ou e u of e e e m e d ub nc fo a s oduc w e e c nic s o i l e

<sup>2</sup> i oa 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  
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com u d i nd mobi s oa b e d or n ion ra n e qui ra n in e e nd d o ma  
info m ion i i www e a

<sup>3</sup> G e n ou g e mi ion w e c cu e d u 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 d i 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 l n d d i o n o u c 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 i [www.glenacn.com](http://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 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 a n d E a r t h 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 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 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 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 e 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 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 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 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 .