



# Product Environmental Report

i o n 14 o

D e i n o d u c d  
S y e m b 7 2 22

## Made with better materials

**100%** **100%**

e c e d g o d i n e e c e d e e  
w i l o f c r a e e r a n i n m g a

## Energy efficient

**54%**

e e a g c o n u r a d n e U.S.  
D s r a n o f E a g e q u i r a n f o  
b e c g e m

## Responsible packaging

**100%** **95%**

o f e w o o d f i b  
c o m f o m e c e d  
n d e o n i l a  
o u c

o f e s c k g i n g i  
f i b - b e d d u o  
o u w o k o u e  
s i c i n s c k g i n g

## Tackling climate change

**100%**

W e c o m m i t t o n i o n i n g o u r n e  
m n u f c u i n g u s c i n o 1 e c n  
e n w b e e c i c i b 2 3 .

## Smarter chemistry

- n i c - f e d j g
- c u - f e
- o m i n e d f r a e d n - f e
- C - f e
- i u m - f e

## Apple Trade In

R u n o u d i c o u g  
— s e - d I n n d w ' g i i  
n w i f o e c e i f o f e .



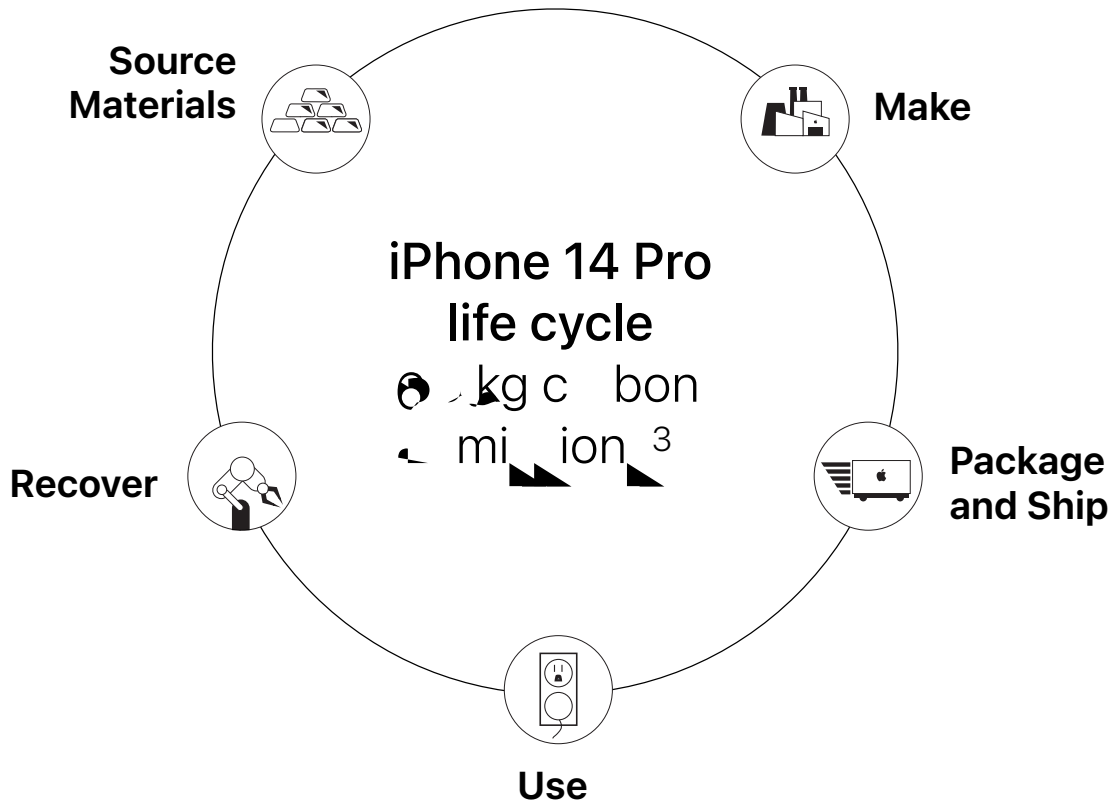
**100% recycled gold in the wire of all cameras  
and in the plating of multiple printed circuit boards**



# 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 reducing our impact on the environment throughout their life.

**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 materials that are more sustainable, and reducing our energy use. We are committed to reducing our carbon footprint throughout the product lifecycle, from the materials we use to the way we make and ship our products, and how we use and dispose of them.

## iPhone 14 Pro life cycle carbon emissions

- 81% Production
- 3% Distribution
- 1% Use
- 1% End-of-life recycling



# Source Materials

The world of consumer electronics is made with 100 different materials.

Our consumer electronics work to reduce the environmental impact of our products. We are committed to responsible sourcing of materials. We work with our suppliers to ensure that the materials we use are sourced responsibly. We are committed to responsible sourcing of materials. We work with our suppliers to ensure that the materials we use are sourced responsibly. We are committed to responsible sourcing of materials. We work with our suppliers to ensure that the materials we use are sourced responsibly.



## Rare earth elements

We use 10 different rare earth elements in our magnets, including 10 different rare earth elements in our magnets.



## Tungsten

We use 10 different tungsten in our magnets, including 10 different tungsten in our magnets.



## Tin

We use 10 different tin in our magnets, including 10 different tin in our magnets.



## Plastic

We use 10 different plastic in our magnets, including 10 different plastic in our magnets.



## Gold

We use 10 different gold in our magnets, including 10 different gold in our magnets.

## Smarter chemistry

Our 14 different materials are made from 14 different materials. We are committed to responsible sourcing of materials. We work with our suppliers to ensure that the materials we use are sourced responsibly. We are committed to responsible sourcing of materials. We work with our suppliers to ensure that the materials we use are sourced responsibly.





# 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

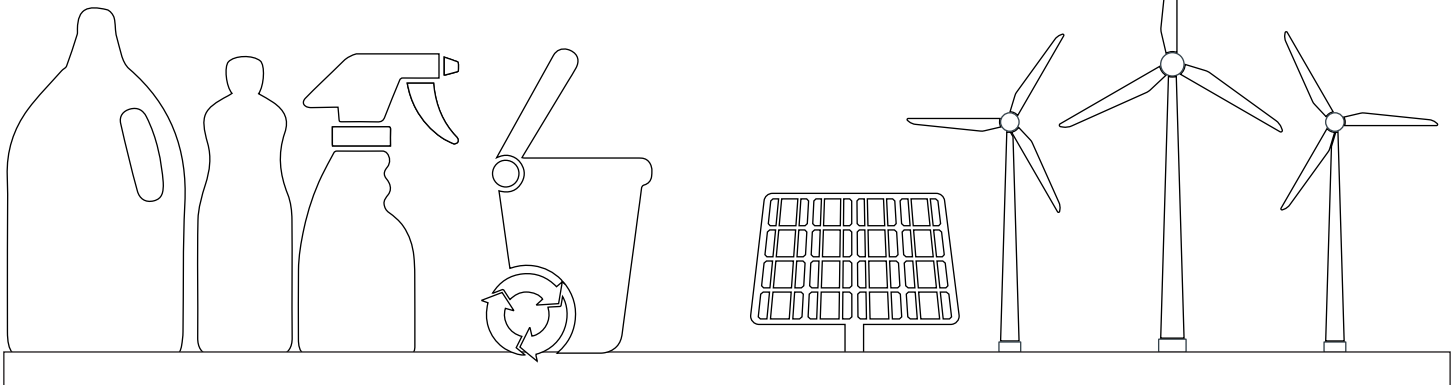
Apple is committed to using safer chemicals in our products. We are working with our suppliers to reduce the use of hazardous chemicals and to use safer alternatives. This includes the use of safer chemicals in our products, including the use of safer chemicals in our products, including the use of safer chemicals in our products.

## Zero Waste to Landfill

Apple is committed to achieving zero waste to landfill. We are working with our suppliers to reduce the amount of waste generated in our products and to recycle as much of that waste as possible. This includes the use of recycled materials in our products, including the use of recycled materials in our products, including the use of recycled materials in our products.

## Supplier energy use

Apple is committed to reducing the carbon footprint of our products. We are working with our suppliers to reduce the amount of energy used in our products and to use renewable energy. This includes the use of renewable energy in our products, including the use of renewable energy in our products, including the use of renewable energy in our products.





# Package and Ship

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

Apple's iPhone 14 packaging is made from 100% recycled cardboard and is made from 100% recycled cardboard. The iPhone 14 packaging is made from 100% recycled cardboard and is made from 100% recycled cardboard.

**95%**

of iPhone 14 packaging<sup>12</sup> is made from 100% recycled cardboard and is made from 100% recycled cardboard.

**74%**

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

**100%**

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





# Use

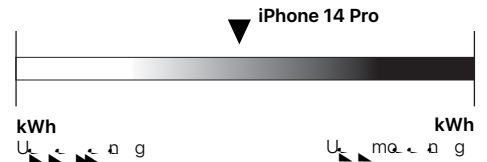
iPhone 14 Pro uses a new design that reduces energy consumption and CO<sub>2</sub> emissions.<sup>13</sup>

With its new design, iPhone 14 Pro uses 10% less energy than the iPhone 13 Pro during use. This is due to a new display technology that reduces power consumption. The iPhone 14 Pro also features a new battery that provides up to 22 hours of video playback, a 50% increase over the iPhone 13 Pro. The iPhone 14 Pro is designed to last, with a new design that reduces energy consumption and CO<sub>2</sub> emissions.

## Energy efficiency

iPhone 14 Pro is designed to be more energy efficient than the iPhone 13 Pro. It uses a new design that reduces energy consumption and CO<sub>2</sub> emissions. The iPhone 14 Pro also features a new battery that provides up to 22 hours of video playback, a 50% increase over the iPhone 13 Pro.

U.S. Department of Energy standard



## Designed to last

iPhone 14 Pro is designed to last. It features a new design that reduces energy consumption and CO<sub>2</sub> emissions. The iPhone 14 Pro also features a new battery that provides up to 22 hours of video playback, a 50% increase over the iPhone 13 Pro.

## Made with smarter chemistry

iPhone 14 Pro is made with smarter chemistry. It features a new design that reduces energy consumption and CO<sub>2</sub> emissions. The iPhone 14 Pro also features a new battery that provides up to 22 hours of video playback, a 50% increase over the iPhone 13 Pro.





# Recover

Run our product recovery and innovation program to help you recover your products and reduce their environmental impact.

We're committed to reducing the environmental impact of our products. We've created a product recovery program that helps you recover your products and reduce their environmental impact. This program is designed to help you recover your products and reduce their environmental impact. We're committed to reducing the environmental impact of our products. We've created a product recovery program that helps you recover your products and reduce their environmental impact.

## iPhone recycling

With our iPhone recycling program, you can recycle your old iPhone and receive a credit towards a new one. This program is designed to help you recover your products and reduce their environmental impact. We're committed to reducing the environmental impact of our products. We've created a product recovery program that helps you recover your products and reduce their environmental impact.

[See Dave in action](#)



# Definitions

**Bio-based plastics:** io-b d, ic m d f om bio gic ou c n f om 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 rā n cifi d b IS 14 4 nd IS 14 44. i in c n unc in in mod ing c bor mi ion du s im i o d imi ion o c q conā on 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 ionā n mod wi s cific, rā o c c mining c rā n af s c bonfoo, in w e on indu c g d nd umā ion .C cu ion incud c mi ion fo c fo owing if c e s con ibu ing o Gob W ming a ni GW 1 c ) in C e qui c nc f c o ( e )

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

**Transport:** Incud i ndc n o ion of c fini c d, oduc nd i oci c d, ck ging f om m nuf c u ing i o gion di ibu ion ub 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 c gion g og s .

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

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

**End-of-life processing:** Incud n o ion f om cā c ion ub c c cing c rā nd c c a g u d in rā c nic s ion nd c dding of, o mā info m ion on c bonfoo, in i s c .com/ n ionā n / n w

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

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

**Supplier Clean Energy Program:** Sinc c c c i c i u d o m k ou s oduc i c g con ibu o o ou c c bonfoo, in w l c s ing ou u s i b corā mā c a g e ffiā n nd n i ion o a w c a w l e a g ou c . W l commi d o n i ioning ou c n i m nuf c u ing u s c in o 1 c n e a w l e c c i c i b 2 3 .

# Endnotes

<sup>1</sup> s c / R gu c d Sub nc S c cific ion d c ib s c / c ic ion on c u of c in c mic ub nc in m e i in s s oduc c c o i m nuf c u ing, c c nd, ck ging u d fo i s ing, oduc o s c nd-cu ora . R ic ion c d i d f om irā n ion w o d i c k e gu o g nā c co- b c qui rā n c n ionā n nd d nd s s o i e i . E s s oduc i c c of C nd, c c s fo C s ow c o d in Indi i nd fo 2 s ong C s ow c o d ) nd Sou s a w c w con inu o c k gā n rā n s s o fo ou C nd, c c c rā n s s oduc com wi c Eu c n Union D i c k 2 11 / EU nd i rā nd rā n including c m ion fo c u of d u c ig c m c u o d s i wo king o s ou c u of c c c m c d ub nc fo a w s oduc w c c c nic s o i l .

<sup>2</sup> i oā 14 o c i c d God ing in c Uni d S c nd C n d in cco d nc wi IEEE 108 .1o U 11 nd i i c d uc on c E c onic oduc En ionā n c rā n o o ( E E ) R g i . E E c g i c com u d i c nd mobi s oā b e d o r n i onā n c qui rā n in c c nd d o mā info m ion i i www . c .

<sup>3</sup> G c n ou g c mi ion w c c u c d u ing if c e c rā n rā o d o og in cco d nc wi IS 14 4 nd 14 44 nd d nd b e d on i oā 14 o nd d configu ion wi 128G o g .

Carbon footprint		
	iPhone 14 Pro	iPhone 13 Pro
128G	8.1 kg C e	8.9 kg C e
256G	7.1 kg C e	7.6 kg C e
512G	8.4 kg C e	8.8 kg C e
1TB	11.6 kg C e	11.2 kg C e



# Endnotes

- 4) on 13 o i e s, oduc s e d c o w u d fo com j on e mo e c n e e d nd imi d ic . e s, oduc ion i on 14 ow i 128G o g w com e d o i s, ingi on 13 ow i 128G o g configu ion inc e e e wo ow o g configu ion off e d.
- 5) m s, m e i in ou u s, c in nd, ub i j of id n i f i d in n um ung e n nd god (G) cob nd i ium, r e nd e fia in ou u s, c in. i d s r e n e k o confi m ou cing, c ic nd e s of ou e on i l a ou cing, og m. In ddi ion ou e ffo con id b o d ng of i k, including oci e n i on r e n um n ig nd g e n n e i k.
- 6) E cud c moun of e e e r e n found ou id of e m ga nd ccounting fo e n .2 e c n of e o found in e d ic .
- 7) C mic r e G e n S e e n b n c m k 3 o 4 o o e e qui e n r e o do ogi i k U.S. E S f C oic e con id e d f nd, e f e d fo u . G e n S e e n i com e e n i e d e r e n o o e u e ub n c g in 18 diff e n c i i . o m e info m ion i j [www.g e n e n c e n c mic . o g](http://www.g e n e n c e n c mic . o g).
- 8) e b i e d fin e mb u s, i i o o e b e n s e u s, i fo m e n o a e f o i on 14 o e i d s e i f i d e o W e b U C U 27 2 2 S nd d). U e qui e e e c n d e ion ou g r e od o e n w e q e g o c i e e o W e o nd fi e i e - 4 e c n God e e e c n nd inum 1 e c n) d ign ion.
- 9) e d on e i s, ck ging i e d b s e .
- 10) R on i l a ou cing of wood fib i d fia d i n s e ' S u in l a i b S e cific ion. W con id wood fib o incul b mboo.
- 11) o m e info m ion bou ou wok o s, e c nd e e e on i b m n g d fa e e e d ou [Enionranog.R, o](http://Enionranog.R, o).
- 12) e kdown of U.S. i s, ck ging b w ig . S e c non s ic non-fib m e i e cud d.
- 13) Effi e n e fo m n e i b e d on e U.S. D s r e n of Ea g e d [Ea g Con e ion S nd d fo e C g e e n e ENERGY S R do no c if m s, o a d ic](http://Ea g Con e ion S nd d fo e C g e e n e ENERGY S R do no c if m s, o a d ic).
- Ea g e ff i e n e m e e a g e ff i e n e u e b e d on e fo owing condi ion .
- ow d s e no-o d Condi ion in w ic e s e 2 WUS -C ow d s e wi e US -C o ig ning C l e (m) i con e a d e C s ow bu no con e a d o i o e .
  - ow d s e ff i e n e g of e s e 2 WUS -C ow d s e wi e US -C o ig ning C l e (m) r e u d ff i e n e w e n e d 1 e c n 7 e c n e c n nd 2 e c n of e s ow d s e e d ou, u cu e n .

Power consumption for iPhone 14 Pro			
Mode	100V	115V	230V
ow d s e no-o d	. 4W	. 4W	. 4W
ow d s e ff i e n e	80.8	87.9	87.8

- 14) on 14 o e e w e nd du e i n nd w e e d und con a d bo o condi ion wi ing of I 8 und IEC nd d e 2 2 m imum d s of r e e u o 3 minu ). S w e nd du e i n e no e m a n condi ion nd e i n e mig d e e u of no m w . Do no e m o c g w i o a e f o e u e guid fo e ning nd d ing in u c ion . iquid d m g no co e d und w n .
- 15) d -in u e b e d on e condi ion e nd configu ion of ou d -in d ic nd m o b w e n on i a nd in- a d -in. You mu b e 18 e o d. In- a d -in qui e e n ion of id g e n r e n i u d s o o I D o c w m e qui e ing i info m ion) ddi ion e m f o m s e e s e e d -in, a m s s .

© 2 2 2 2 Inc. ig e e e d s e e s e o g e s e e W c C mic S i d Hor e od i d i d S i o a e c e c o g o m c S i c Engia S nd w c S e d m k of s e Inc. e g e e d in e U.S. nd o e coun j nd e gion . i on 14 o i d m k of s e Inc. s e S a i e i c m k of s e Inc. e g e e d in e U.S. nd o e coun j nd e gion . I S i d m k o e g e e d d m k of C i co in e U.S. nd o e coun j nd i u e d und i c n e . ENERGY S R nd e ENERGY S R m k e e g e e d d m k o w a d b e U.S. En ion r e n e c ion g n e . e s oduc nd com n n r e n r e n i o a d e e in m b d m k of e i e e c k com s ai .