



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 .

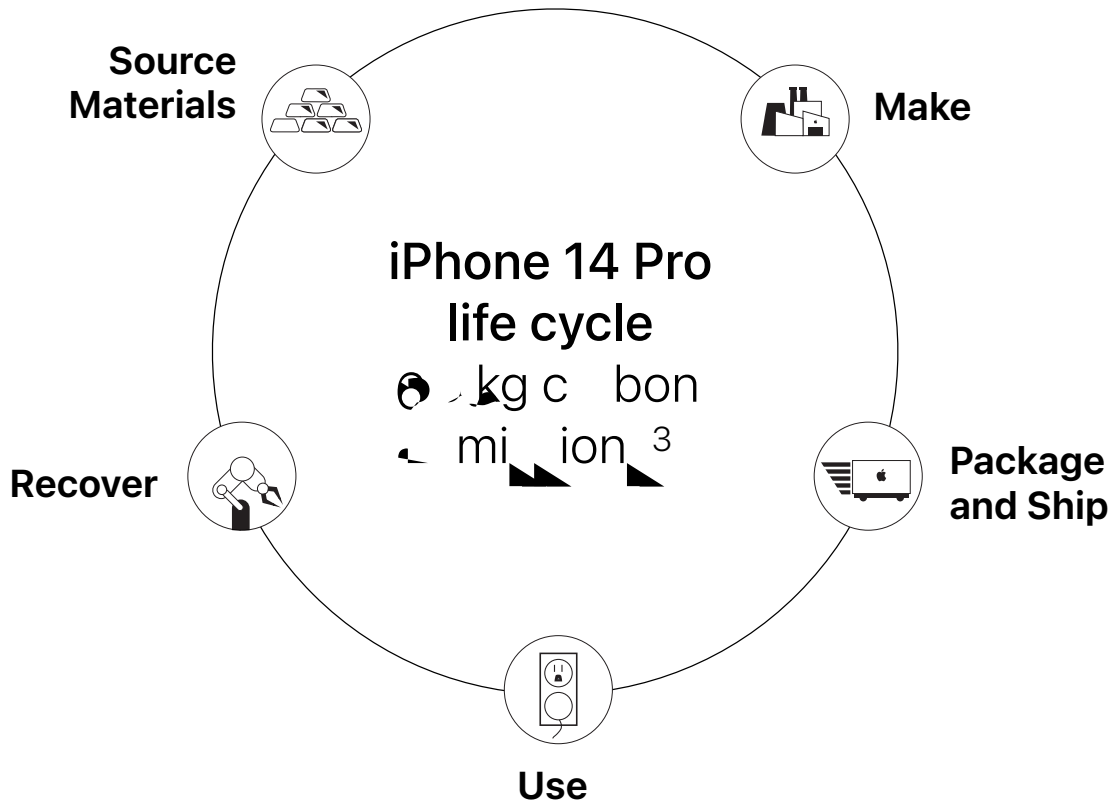
**100% recycled gold in the wire of all cameras
and in the plating of multiple printed circuit boards**



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 easier to recycle, and using renewable energy. Our goal is to reduce our carbon footprint by 25% by 2030. We are committed to our goal of reducing our carbon footprint by 50% by 2050.

iPhone 14 Pro life cycle carbon emissions

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



Source Materials

We will of course be mindful of our carbon footprint.

Our commitment to responsible sourcing is a key part of our business strategy. We work with leading suppliers to ensure that our products are made from responsibly sourced materials. We are committed to reducing our carbon footprint and improving our environmental performance. We will continue to work with our suppliers to improve their environmental performance and reduce their carbon footprint. We will also continue to work with our suppliers to improve their social performance and ensure that their workers are treated fairly and safely. We will also continue to work with our suppliers to improve their ethical performance and ensure that they are not involved in any activities that are harmful to the environment or society.



Rare earth elements

We will continue to work with our suppliers to ensure that our products are made from responsibly sourced rare earth elements. We are committed to reducing our carbon footprint and improving our environmental performance. We will continue to work with our suppliers to improve their environmental performance and reduce their carbon footprint. We will also continue to work with our suppliers to improve their social performance and ensure that their workers are treated fairly and safely. We will also continue to work with our suppliers to improve their ethical performance and ensure that they are not involved in any activities that are harmful to the environment or society.



Tungsten

We will continue to work with our suppliers to ensure that our products are made from responsibly sourced tungsten. We are committed to reducing our carbon footprint and improving our environmental performance. We will continue to work with our suppliers to improve their environmental performance and reduce their carbon footprint. We will also continue to work with our suppliers to improve their social performance and ensure that their workers are treated fairly and safely. We will also continue to work with our suppliers to improve their ethical performance and ensure that they are not involved in any activities that are harmful to the environment or society.



Tin

We will continue to work with our suppliers to ensure that our products are made from responsibly sourced tin. We are committed to reducing our carbon footprint and improving our environmental performance. We will continue to work with our suppliers to improve their environmental performance and reduce their carbon footprint. We will also continue to work with our suppliers to improve their social performance and ensure that their workers are treated fairly and safely. We will also continue to work with our suppliers to improve their ethical performance and ensure that they are not involved in any activities that are harmful to the environment or society.



Plastic

We will continue to work with our suppliers to ensure that our products are made from responsibly sourced plastic. We are committed to reducing our carbon footprint and improving our environmental performance. We will continue to work with our suppliers to improve their environmental performance and reduce their carbon footprint. We will also continue to work with our suppliers to improve their social performance and ensure that their workers are treated fairly and safely. We will also continue to work with our suppliers to improve their ethical performance and ensure that they are not involved in any activities that are harmful to the environment or society.



Gold

We will continue to work with our suppliers to ensure that our products are made from responsibly sourced gold. We are committed to reducing our carbon footprint and improving our environmental performance. We will continue to work with our suppliers to improve their environmental performance and reduce their carbon footprint. We will also continue to work with our suppliers to improve their social performance and ensure that their workers are treated fairly and safely. We will also continue to work with our suppliers to improve their ethical performance and ensure that they are not involved in any activities that are harmful to the environment or society.

Smarter chemistry

Our commitment to smarter chemistry is a key part of our business strategy. We are committed to reducing our carbon footprint and improving our environmental performance. We will continue to work with our suppliers to improve their environmental performance and reduce their carbon footprint. We will also continue to work with our suppliers to improve their social performance and ensure that their workers are treated fairly and safely. We will also continue to work with our suppliers to improve their ethical performance and ensure that they are not involved in any activities that are harmful to the environment or society.





Make

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

Working with our suppliers to identify and work to reduce the environmental impact of our products is a key part of our commitment to our customers. Our suppliers are responsible for the environmental impact of their operations, and we work with them to ensure that they are meeting our requirements. This includes working with our suppliers to reduce their greenhouse gas emissions, improve their energy efficiency, and reduce their waste. We also work with our suppliers to ensure that they are using responsible sourcing practices and are not using forced labor or child labor.

Greener chemicals

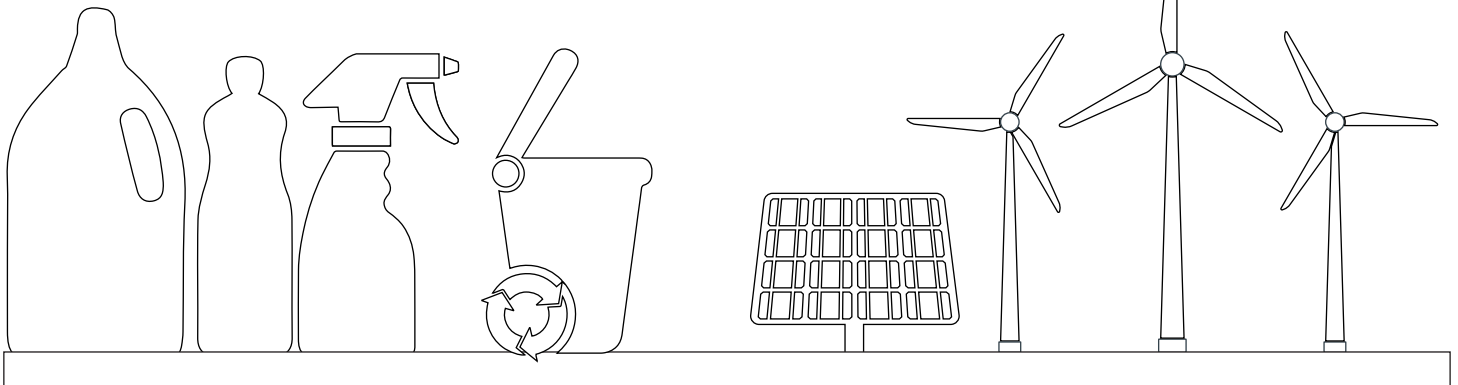
Apple is committed to reducing the environmental impact of the chemicals used in our products. We are working with our suppliers to identify and use greener chemicals that are safer for the environment and our workers. This includes working with our suppliers to reduce the use of hazardous chemicals and to use more sustainable sourcing practices. We also work with our suppliers to ensure that they are using responsible sourcing practices and are not using forced labor or child labor.

Zero Waste to Landfill

Apple is committed to reducing the environmental impact of our products. We are working with our suppliers to identify and use greener chemicals that are safer for the environment and our workers. This includes working with our suppliers to reduce the use of hazardous chemicals and to use more sustainable sourcing practices. We also work with our suppliers to ensure that they are using responsible sourcing practices and are not using forced labor or child labor.

Supplier energy use

Apple is committed to reducing the environmental impact of our products. We are working with our suppliers to identify and use greener chemicals that are safer for the environment and our workers. This includes working with our suppliers to reduce the use of hazardous chemicals and to use more sustainable sourcing practices. We also work with our suppliers to ensure that they are using responsible sourcing practices and are not using forced labor or child labor.





Package and Ship

iPhone 14 packaging does not use any plastic wrap. Instead, it's made from a combination of cardboard and recycled materials, including 100% recycled cardboard and 74% recycled fiber in the iPhone 14 Pro packaging.

Our iPhone packaging is made from 100% recycled cardboard and 74% recycled fiber in the iPhone 14 Pro packaging. This is a significant improvement over previous packaging, which contained 100% virgin wood fiber. We're committed to reducing our environmental footprint and creating a more sustainable product life cycle.

95%

of iPhone 14 Pro packaging is made from recycled materials, including 100% recycled cardboard and 74% recycled fiber in the iPhone 14 Pro packaging.

74%

of the fiber in iPhone 14 Pro packaging is made from recycled materials, including 100% recycled cardboard and 74% recycled fiber in the iPhone 14 Pro packaging.

100%

of the virgin wood fiber in iPhone 14 Pro packaging is made from recycled materials, including 100% recycled cardboard and 74% recycled fiber in the iPhone 14 Pro packaging.





Use

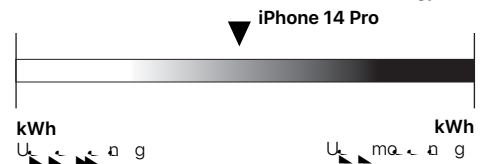
iPhone 14 Pro uses a new design that requires less energy to produce and use.¹³

With its new design, iPhone 14 Pro uses less energy to produce and use. It also uses less energy to power on and use. This means that iPhone 14 Pro is more energy efficient than previous models. The U.S. Department of Energy's Energy Star program has recognized iPhone 14 Pro as a 'Green Choice' for its energy efficiency. This means that iPhone 14 Pro is one of the most energy-efficient smartphones available. The Energy Star program is a voluntary program that helps consumers make more informed choices about the products they buy. It is a part of the U.S. Environmental Protection Agency's (EPA) efforts to reduce greenhouse gas emissions and improve energy efficiency.

Energy efficiency

iPhone 14 Pro is the first smartphone to meet the U.S. Department of Energy's Energy Star program's new standard for smartphones. This means that iPhone 14 Pro is more energy efficient than previous models.

U.S. Department of Energy standard



Designed to last

iPhone 14 Pro is designed to last. It has a new design that is more durable than previous models. It also has a new design that is more resistant to scratches and scuffs. This means that iPhone 14 Pro is built to last and will keep you looking like a pro for years to come.

Made with smarter chemistry

iPhone 14 Pro is made with smarter chemistry. It uses a new type of glass that is more resistant to scratches and scuffs. It also uses a new type of metal that is more durable than previous models. This means that iPhone 14 Pro is built to last and will keep you looking like a pro for years to come.



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 helps you recover your products. We've created a program that helps you recover your products. We've created a program that helps you recover your products.

iPhone recycling

We're committed to helping you recover your products. We've created a program that helps you recover your products. We've created a program that helps you recover your products.

[See Dave in action](#)



Definitions

Bio-based plastics: Bio-based plastics are derived from biological sources, such as corn, sugarcane, and wood. They are often used as alternatives to petroleum-based plastics.

Carbon footprint: Carbon footprint is the total amount of greenhouse gases (including carbon dioxide, methane, and nitrous oxide) that are produced by an individual, organization, or product throughout its lifecycle.

Production: Production is the process of manufacturing goods or services. It involves the transformation of raw materials into finished products.

Transport: Transport is the movement of goods or services from one location to another. It can be done through various modes of transport, including air, sea, and land.

Use: Use is the consumption of goods or services by an individual or organization. It is the final stage of the product lifecycle.

End-of-life processing is the process of managing the disposal of products at the end of their useful life. This can include recycling, incineration, or landfill.

End-of-life processing: End-of-life processing is the process of managing the disposal of products at the end of their useful life. This can include recycling, incineration, or landfill.

Recycled materials: Recycled materials are materials that have been processed from waste and are used to create new products. This helps reduce the need for virgin materials and reduces environmental impact.

Renewable materials: Renewable materials are materials that are derived from natural resources that can be replenished over time. Examples include wood, cotton, and bamboo.

Supplier Clean Energy Program: Supplier Clean Energy Program is a program that encourages suppliers to use clean energy sources to power their operations. This helps reduce the carbon footprint of the products they supply.

Endnotes

¹ U.S. Environmental Protection Agency, "Carbon Footprint of Consumer Electronics," [https://www.epa.gov/energy/carbon-footprint-calculator](#), accessed 10/10/2023.

² International Energy Agency, "Renewable Energy Sources: A Global Perspective," [https://www.iea.org/reports/renewable-energy-sources-a-global-perspective](#), accessed 10/10/2023.

³ U.S. Environmental Protection Agency, "Greenhouse Gas Emissions from International Air and Sea Travel," [https://www.epa.gov/energy/carbon-footprint-calculator](#), accessed 10/10/2023.

Carbon footprint		
	iPhone 14 Pro	iPhone 13 Pro
128G	101 kg CO ₂ e	99 kg CO ₂ e
256G	71 kg CO ₂ e	70 kg CO ₂ e
512G	84 kg CO ₂ e	88 kg CO ₂ e
1TB	110 kg CO ₂ e	112 kg CO ₂ 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 oa 14 ow i 128G o g w com e d o i s, ingi oa 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 n d e fia in ou u s, c in. i d s r a 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 a n um n ig nd g a n n e i k.
- 6) E cud c moun of e e e r a 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 a e n S a e n b n c m k 3 o 4 o o e e qui e n r a o do o g i 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 a e n i com e e n i e d e r a n o o e u e ub n c g in 18 diff e n c i i . o m a i n f o m i o n i j www.g e n e n c e n c e m i c . o g.
- 8) e b i e d f in e m b u s, i i o o e e b e n s e u s, i fo m a e n o a e - fo i oa 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 a o d o e n w e q a g o c i e e o W e o nd f i e i e - 4 e c n God e e e c n nd inum 1 e c n) d i g n 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 a s e ' S u in l a i b S e cific ion. W con id wood fib o i n c u d b m b o o .
- 11) o m a i n f o m i o n bou ou wok o s, a c n d a e e on i b m n g d f a e e d o u En i on r a n o g R s o .
- 12) e kdown of U.S. i s, ck ging b w ig . S e c non s i c non-fib m e i e cud d.
- 13) Effi e n c y fo m n e i b e d on e U.S. D s r a n of Ea g e d Ea g Con e ion S nd d fo e C g e e n a E N E R G Y S _ R d o n o c i f m s o a d i c .
Ea g e ff i e n c e m e e a g e ff i e n c 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 a (m) i con a e d a C s ow bu no con a e d o i oa .
ow d s e ff i e n c e g of e s e 2 WUS -C ow d s e wi e US -C o ig ning C l a (m) r a u d ff i e n c 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 o u, u c u 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 c 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 i m u m d s of o r a e u o 3 min u). S w e nd du e i n c e no e m a n condi ion nd e i n c m i g d e e u of no m w . Do no e m o c g w i oa 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 a n r a n - i u d s o o I D o c w m e qui ing i info m ion) ddi ion e m f o m s e a 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 a s e e s e W c C mic S i d Hor a od i d i d S i oa 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 oa 14 o i d m k a f s e Inc. s e S a i e i c m k a f 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 c o i n 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 i on r a n e c i o n g n e . e s oduc nd com n n r a n i o n a d e e in m b d m k of e i e e c k com s ai .