



# 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 main frame

## Energy efficient

46%

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

## Responsible packaging

100% 95%

100% of wood fiber comes from recycled and responsibly sourced paper

95% of the packaging is made from recycled and responsibly sourced paper

## Tackling climate change

100%

We committed to joining our net-zero emissions by 2030, and we're on track to meet that goal

## Smarter chemistry

- Nickel
- Copper
- Silver
- Carbon
- Titanium



## Apple Trade In

Round up your old iPhone and get a new one. We'll give you a credit for your old iPhone.

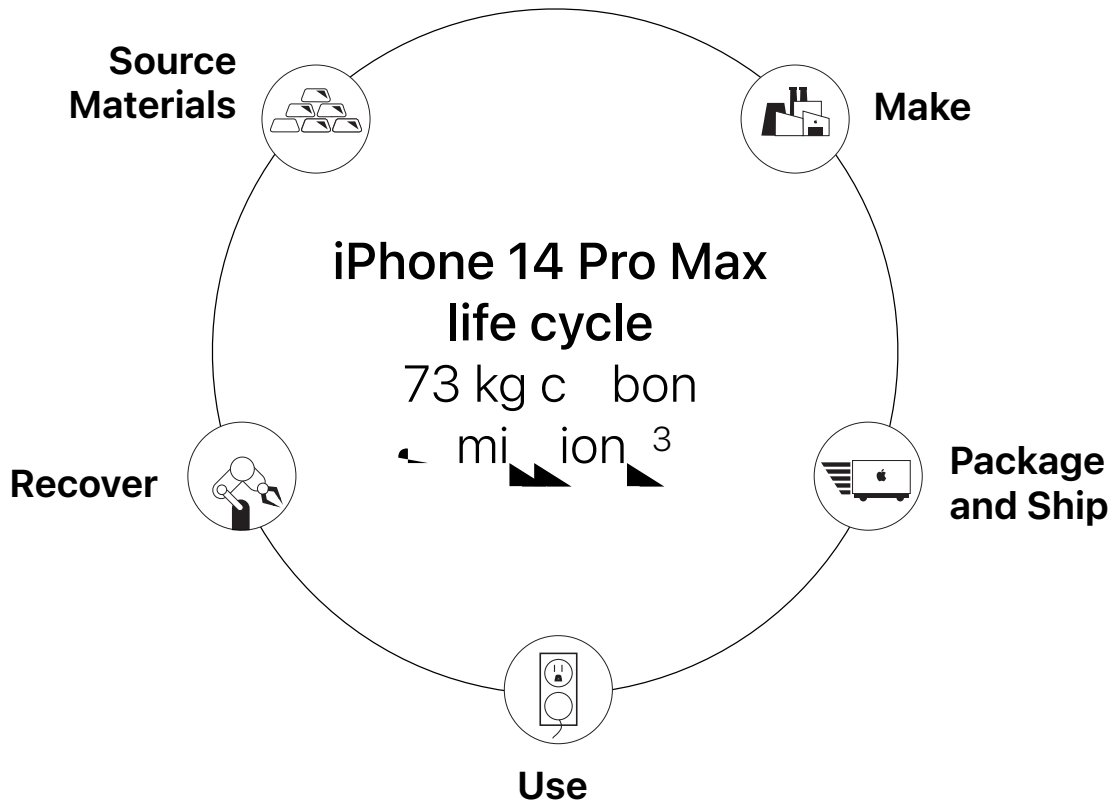
# 100% recycled gold in the wire of all cameras and in the plating of multiple printed circuit boards



# 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







# 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 paper and 100% recycled cardboard.

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

**95%**

of recycled cardboard and 100% recycled paper used in iPhone 14 Pro Max packaging.

**75%**

of recycled cardboard in iPhone 14 Pro Max packaging.

**100%**

of virgin wood fiber in iPhone 14 Pro Max packaging cardboard.









# Recover

Run our product recovery and innovation program to ensure our products are designed for recovery.

We're working to ensure our products are designed for recovery. We're working to ensure our products are designed for recovery. We're working to ensure our products are designed for recovery.

## iPhone recycling

We're working to ensure our products are designed for recovery. We're working to ensure our products are designed for recovery. We're working to ensure our products are designed for recovery.

[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 ra n cifi d b IS 14 4 nd IS 14 44. i in n unc in in mod ing c bor mi ion du s im i o d imi ion . o c q con o 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 ion r n mod wi s cific, ra o e m in ing r n af s c bon foo, in w on indu e g d nd um ion . C cu ion incud e mi ion fo e fo owing if c e s con ibu ing o Gob W ming a ni GW 1 e ) in C e qui e nc f c o e )

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

**Transport:** Incud i nd e n o ion of e fini e d, oduc nd i oci e d, ck ging f om m nuf c u ing i o gion di ibu ion ub e n o of, oduc f om di ibu ion ub e nd cu ora i mod e du ing e g di nc b d on e gion g og s .

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

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

**End-of-life processing:** Incud n o ion f om ca c ion ub o c c ing c r nd e e a g u d in ra c nic s ion nd e dding of, o ma info m ion on e c bon foo, in i s e . [.com/nionra/nw](https://www.com/nionra/nw)

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

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

**Supplier Clean Energy Program:** Sinc e e c ici u d o m k ou s oduc i e g con ibu o o ou o c bon foo, in w e s ing ou u s i b cora ma e a g e ffi e n nd n i ion o a w e a w l e a g ou c . W e commi e d o n i ioning ou e n i m nuf c u ing u s c in o 1 e c n e a w l e e c ici b 2 3 .

# Endnotes

<sup>1</sup> 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 in m e i in s s oduc c c o i m nuf c u ing, oc e nd, ck ging u d fo i s ing, oduc o s e nd-cu ora . R ic ion e d i e d f om ir n ion w o d i c k e gu o g n e i e co b e qui ra n e n ion r n nd d nd s e s o i e i . E s of bio-m e i m n g d in w e n l e con inuou s oduc ion wi ou d e ing e e ' e ou c . - ' w w focu on ou c e c i fi d fo e i m n g r n s, c ic .

<sup>2</sup> i o a 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 nd i e d u c on e E c onic oduc En ion r n e e ra n o o ( E E ) R g j . E E e g e con u d i s nd mobi s o a b e d o r n i on r n e qui ra n in e e nd d . o ma info m ion i i [www.ea](http://www.ea) .

<sup>3</sup> 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) 13 o w u d fo com j on m o c n e e d nd imi d ic . e s , oduc ion i oa 14 o wi 128G o g w com e d o i s , ingi oa 13 o wi 128G o g configu ion inc e e e wo ow o g configu ion off e d.
- 5) m s m e i inou u s c in nd, ubi j i of id n i d in n um ung e n nd god (G) cob nd i um r e nd e fia inou u s c in . i d s e n n e k oconfi m ou cing, c ic nd e s of ou e on i la ou cing, og m. In ddi ion ou e ffo con id b o d ng of i k including oci e n ion r n um n ig nd g o n n e i k.
- 6) Ce mic r e Ge nS e n b n c m k 3 o 4 o o e qui e n r a odo ogi i k U.S. E S f C oic e con id e d f nd e f e d fo u . Ge nS e n i com e n i e d e r n oo e u e ub n c g in 18 diff e n c i i . o m a info m ion i j [www.g.e.n.g.e.n.c.e.mic.g](http://www.g.e.n.g.e.n.c.e.mic.g).
- 7) e b i e d fin e mb u s j i o o e b e n s e u s j i fo m a n o a e - fo i oa 14 o i d s e i d e o W e b U C U 27 S nd d). U e qui e e c n d e ion ou g r a od o e n w e a g o c j e o W e o nd fi e e c n God e c n nd inum 1 e c n ) d ign ion.
- 8) e d on e i s ck ging i e d b .
- 9) R e on i la ou cing of wood fib i d fia d in . S u in l a i b S e cific ion. W con id wood fib o incud b mboo.
- 10) o m a info m ion bou ou wok o s a c nd e e e on i b m n g d fa e e d ou [En ion r n og R s o](#).
- 11) 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.
- 12) Effi e n e fo m n e i b e d on e U.S. D s r n n of Ea g e d [Ea g Con ion S nd d fo C g e n a ENERGY S R do no c if m s oa d ic](#).
- Ea g e ff i e n e m 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 a m ) j 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 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 e w e n e d 1 e c n 7 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 Max			
Mode	100V	115V	230V
ow d s e no-o d	. 4W	. 4W	. W
ow d s e ff i e n e	80.8	87.9	87.8

- 13) 14 o e w e nd du e j n nd w e e d und con a d bo o condi ion wi ing of I 8 und IEC nd d o 2 m imum d s of o r a e u o 3 minu ). S 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 s o c g w i oa e f o e u e guid fo e ning nd d ing in uc ion . iquid d m g no co e d und w n .
- 14) 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 go n r n - i u d s o ID o c w m e qui e ing i info m ion). ddi ion e m f om s e a s e d -in, a m s s .

© 2 22 s e Inc. ig e e d s e e s e ogo s e s e W c C mic S i d Hor a od i d i d S i oa . c e . c ogo m c S s ic 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 of s e Inc. s e S a i e ic 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 ko 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 ic 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 n e c ion g n e . e s oduc nd com n n r a r n i o a d e e in m b d m k of e i e e c k com r i e .