Product Environmental Report

i on 14 o

D in oduc d
S mb 7 2 22

Made with better materials

100%

c d go d in wi of c ma

100%

c d ma n in m gn

Tackling climate change

100%

W commi d o n i ioning ou n i m nuf cu ing u c in o 1 c n n w l c ici b 2 3 .

Energy efficient

54%

g con uma d n U.S. D ma n of En g qui m n fo b c g m

Smarter chemistry[1]

nic-f di g
cu -f
omin d f ma d n-f
C-f
ium-f

Responsible packaging

100%

of wood fib com f om c d nd on ib ou c

95%

of ck ging i fib -b d du o ou wo k ou ic in ck ging

Apple Trade In

R u n ou d ic oug d ln nd w ' gi i n w if o c c i fo .

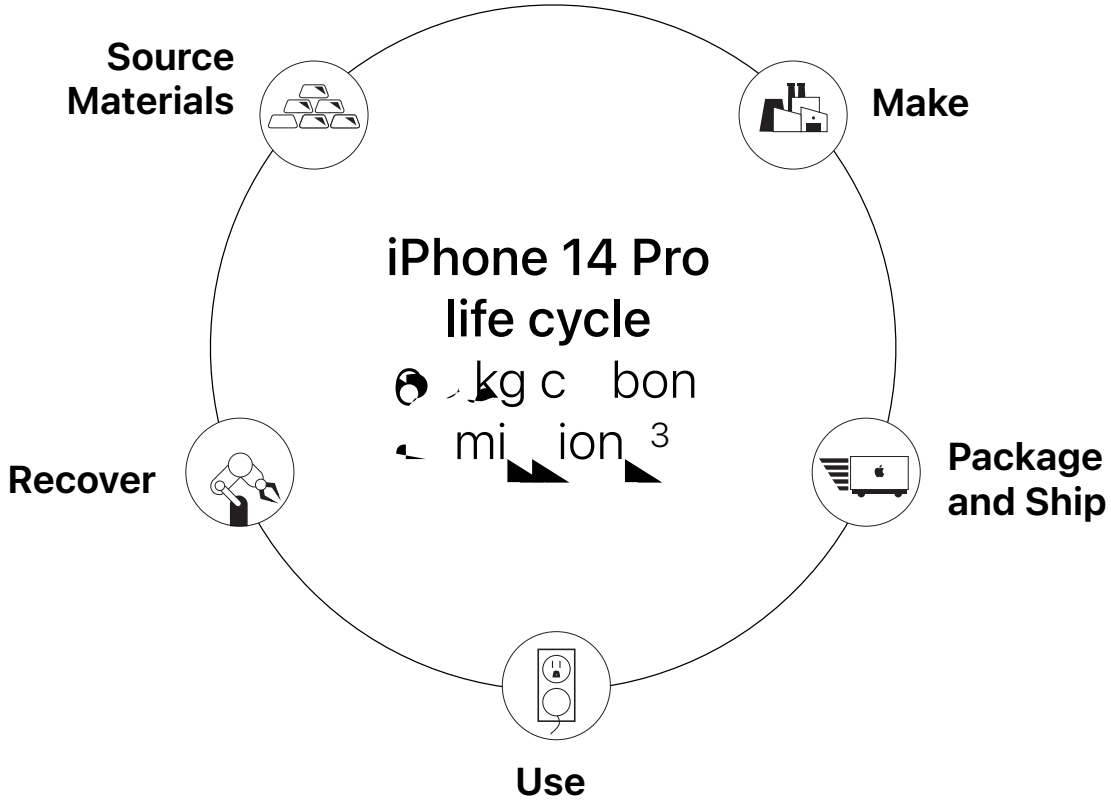
100% recycled gold in the wire of all cameras and in the plating of multiple printed circuit boards

i o inc ud d cu n of oduc unc . oduc u ion b d on U.S. configu ion of i on 14 o.

Taking responsibility for our products at every stage

W k on ibi i fo ou oduc oug ou i if c —inc uding m i m d of w o mb m nd ow c c d nd of if . nd w focu on w c n m k bigg diff nc fo ou, n ducing ou im, c onc im c ng con ing im, o n ou c nd u ing f m i .

We sell millions of products. So making even small adjustments can have a meaningful impact.



Carbon footprint

W con inu o m k, og in ducing ' con ibu ion o c im c ng —b focu ing on m king n g ffici n, oduc wi n w b o c c d m i nd wi n w b n g . Su i 'u of n w b n g oug ou Su i C n En g og m g d d ik down c bon foo, in b n Θ c n com d o iou g n ion.[4] i commi d ou ing c bon if c m n oid n if , o uni i od ik down , oduc g n ou g mi ion.

iPhone 14 Pro life cycle carbon emissions

81	oduc ion
3	– n o
1	U
1	End-of-if , oc ing

Source Materials

wi of c m m d wi 1 c c d go d.

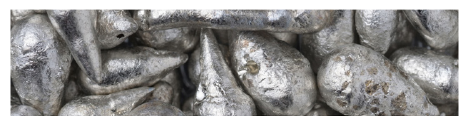
o con im o n ou c w wo k o duc m i w u nd im o on d ou c on c c d o w m i in ou oduc nd w m k i n i ion w m in commi d o on i ou cing of im m i . W m m n m i om o min ou c nd b i i nd d fo m nd fin o qui 1 c n of i d n i d in n um ung n go d cob nd i ium m nd fin o ici in i d udi . W oud o b cogni d wo dwid d in on i ou cing of min in ou oduc . u oduc d ign o con id f of o w o m k u nd c c ou oduc ic ing u of und d of mfu ub nc . u nd d go b ond w qui d b w o c nd n i onm n .

Rare earth elements

W u 1 c n c c d m n in m g n ing 1 c n of o m n in d ic .

Tungsten

W u 1 c n c c d ung n in ic Engin . i n c n of o ung n in d ic .



Tin

W u 1 c n c c d in in od of mu i in d ci cui bo d inc uding m in ogic bo d.

Plastic

W n i ioning f om fo i fu –b d ic o o m d f om w o c c d ou c . o i on 14 o w u 3 c n o mo c c d ic in 1 com on n .

Gold

i ion ing indu ding of c bi i in c c d m i o bui d go d u c in of c u c c d con n . W now u ing 1 c n c c d go d in wi of c m nd ing of mu i in d ci cui bo d .

Smarter chemistry

i on 14 o i of mfu ub nc ik b ium b omin d f m d n C nic in g nd m cu nd 1 c n of m i in i on 14 o co d b ou Regulated Substances Specification. W go b ond w qui d b iming o und nd non gu d ub nc in of oduc — ffo qui n indu ding of n nc oug n i u c in. W con i n id n if m k u of o 7 c n b m of i on d ic .

Make

Su i Cod of Conduc ic nd d fo c ion of in ou c in nd n w . E w ou ' fo m nc in u o ding nd d qui d b ou Cod .

W wo k co wi ou o o id f nd wo k c w d wi digni nd c nd o duc ni onm n im c . u qui m n c o ou c in nd inc ud on ib ou cing of m i . om ong found ion b ou Cod w go fu —f om ing n i ion o n w b n g o o iding duc ion o uni i fo i m o o ing fin mb in ducing w .

Greener chemicals

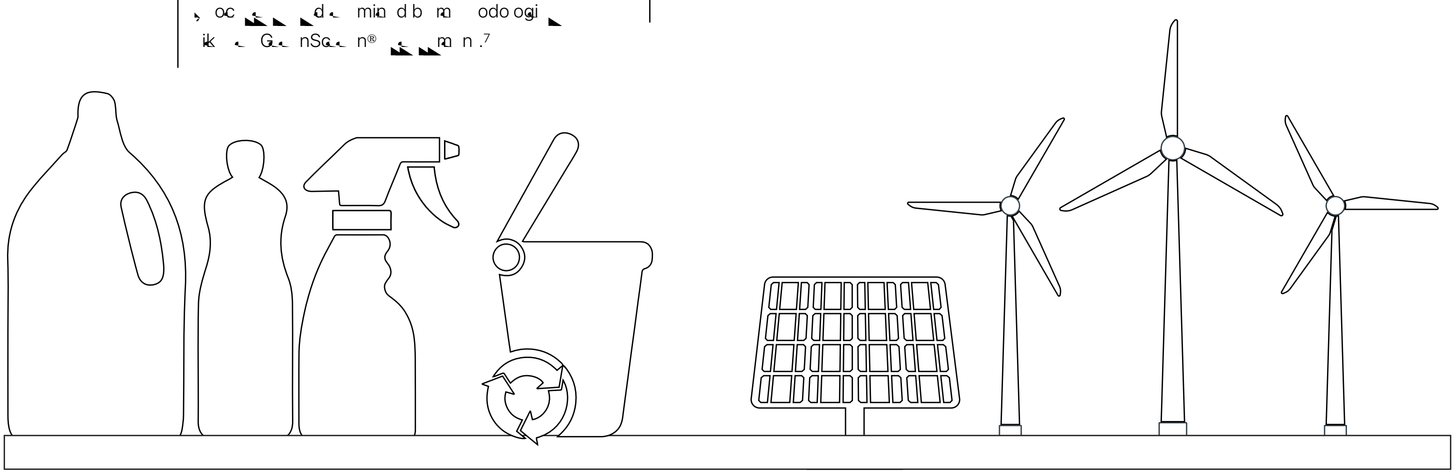
bi d i on 14 o fin mb i u f c n nd d g in i m nuf c u ing oc d mi d b m odo ogi ik G nS n® m n .[7]

Zero Waste to Landfill

N bi d i on 14 o fin mb i g n w n o ndfi .[8]

Supplier energy use

i on 14 o fin mb i n i ioning o 1 c n n w b n g fo oduc ion.



Package and Ship

i on 14 o, ck ging do no u ou , ic w , .[9] _i b ing u on , c o o ou go of com , mo ing, ic f om ou , ck ging b 2 2 .

o im, o ou , ck ging w wo king o imin , ic ing c d con n nd u , ck ging o __ of wood fib in ou , ck ging i i c d o com f om , on ib m n g d fo .[10] nd w , o d o d noug , on ib m n g d fo o co i gin wood fib w u in ou , ck ging.[11] _i n u wo king fo b o g ow nd con inu o n ou i nd, u if ou w .

95%

of , ck ging[12] i fib -b d du o ou wo k o u , ic in, ck ging

74%

c d con n in fib , ck ging

100%

of i gin wood fib in , ck ging com f om , on ib m n g d fo [1]

Use

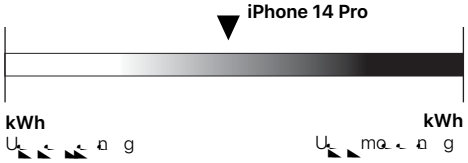
i on 14 ou 4 c n g n g con ion nd d.[13]

W d ign ou , oduc o b g ffici n ong- ing nd f . i on 14 ou of w nd, ow ffici n com, on n in ig n m n g , ow con um, ion. Wi C n En g C ging i S f u in oduc d in f 2 22 in U.S., i on c n q imi c ging fo w n c ici i c n . W o un ou own R i bi i nd En ionm n ing b w ou , oduc go oug igo ou ing b fo ou doo u u, o con inu oug ou c , oduc ' if c wi gu of w u d o k, d ic cu n nd n wo k of u oi d , i , f ion o ic m if n c .

Energy efficiency

d ic con i n c d U.S. D , m n of En g d En g Con ion S nd d fo C g .[13] i on 14 o con um 4 c n g n qui d b i nd d.

U.S. Department of Energy standard



Designed to last

i on 14 o f u C mic S i d w l 8 w nd du i nc n nc du bi i of d ic .[14]

Made with smarter chemistry

W igo ou con o fo m i u ouc — b d on comm nd ion f om o ico ogi nd d m o ogi .

Recover

R u n ou , oduc wi — _d ln nd w ' n u i ong if o c c i fo f .

W n , oduc u d ong f w ou c c dfom . _ ' w w unc d _d ln—i off cu om m w o u n i od d ic nd cc o i o . E igib d ic c nb d d in fo c di o n S Gif C d w i cc o i nd o d ic c nb c c d fo f .[1] W o off nd , ici in , oduc k -b ck nd c c ing co c ion , og m fo , c n of coun i w w , oduc — nd w o d ou c c o ig nd d . u ffo o k , mfu ub nc ou of ou , oduc om n ou m i f o co nd u .

iPhone recycling

W d ign d di mb obo D i o k , i on d ic in o di inc com , on n . u n w di mb obo D k n , di mb ing ic Engin o co m i ik n mn nd ung n.

See Dave in action

Definitions

Bio-based plastics: io-b d, ic m d f om bio ogic ou c n f om fo i-fu ou c . io-b d, ic ow u duc inc on fo i fu .

Carbon footprint: E im d mi ion c cu d in cco d nc wi guid in nd qui m n citi d b IS 14 4 nd IS 14 44. i in n unc in in mod ing c bon mi ion du , im i od imi ion o , com on n con ibu o o 'c bon mi ion dd i unc in b d , ing d i d, oc -b d n ionm n mod wi cific, m . o m ining m n of 'c bon foo , in w on indu g d nd um ion. C cu ion inc ud mi ion fo fo owing if c , con ibuting o Gob W ming o ni GW 1) in C e qui nc f co C 2)

- **Production:** Inc ud c ion, oduc ion nd n o ion of w m i w m nuf cu n o nd mb of nd, oduc , ck ging.
- **Transport:** Inc ud i nd n o ion of fini d, oduc nd i oci d, ck ging f om m nuf cu ing i o gion di ibu ion ub n o of, oduc f om di ibu ion ub nd cu om i mod d u ing g di nc b d on gion g og , .
- **Use:** um -o fou iod fo, ow u b fi own b d on , oduc . oduc u c n io b d on i o ic cu om u d fo imi , oduc .En g u i imu d in iou w fo m b mod ing d i b d in o oug fo ming c i i ik mo i nd mu ic, b ck.G og , ic diff nc in , ow g id mi b n ccoun d fo gion .
- **End-of-life processing:** Inc ud n, o ion f om co c ion ub c cing c nd g u d in n c nic , ion nd dding of, . o m info m ion on c bon foo , in i .com/ ni onm n/ n w
- **Recycled materials:** R c ing m k b u of fini ou c b ou cing f om co d nmin d m i .R c d con n c im fo m i u d in ou , oduc b n ifi d b nind nd n id, o c d con n nd d confo m o IS 14 21.
- **Renewable materials:** W d fin bio-m i o c nb g n d in um n if n ik , fib o ug c n. io-m i c n , u u f w fini ou c. u n oug bio-m i bii o g ow no w m n g d , on ib .R n w b m i of bio-m i m n g d in w n b con inuou , oduc ion wi ou d ing ' ou c. ' w w focu on ou c c ifi d fo i m n g m n, c ic .
- **Supplier Clean Energy Program:** Sinc c ici u d om k ou , oduc i g con ibu o o ou c bon foo , in w ' , ing ou u , i b com m n g ffici n nd n ion on w n w b n g ou c .W ' commi d o n ioning ou ni m nuf cu ing u , c in o 1 c n n w b c ici b 2 3 .

Endnotes

[1] 'R gu d Sub nc Sp cific ion d c ib ' ic ion on u of c in c mic ub nc in m i in , oduc cc oi m nuf cu ing, oc nd, ck ging u d fo i, ing, oduc o ' nd-cu om .R ic ion d ic d fom in n ion w o di c ic gu o g nci co- b qui m n n ionm n nd d nd , oi ci .E , oduc i f of C nd, c, fo C, ow co d in Indi i nd fo 2, ong C, ow co d) nd Sou Ko w w con inu o k go nm n , o fo ou C nd, c , c n , oduc com wi Eu n Union Di c 2 11/ /EU nd i n ndm n inc uding m ion fo u of d uc ig m u od . i wo king o, ou u of m d ub nc fo n w, oduc w c nic , o ib .

[2] i on 14 o c i d God ing in Uni d S nd C nd in cco d nc wi IEEE 1 8 .1 o U 11 nd i i d uc on E c onic oduc En ionm n n oo (E E) R gi .E E gi com u di nd mobi , on b d on ionm n qui m n in nd d. o m info m ion i ii www. .

[3] G n ou g mi ion w c cu d u ing if c m n m odoog in cco d nc wi IS 14 4 nd 14 44 nd d nd b d on i on 14 o nd d configu ion wi 128G o g .

Carbon footprint		
	iPhone 14 Pro	iPhone 13 Pro
128G	kg C 2	kg C 2
2 G	71 kg C 2	7 kg C 2
12G	84 kg C 2	88 kg C 2
1	11 kg C 2	112 kg C 2

Endnotes

4 i on 13 oi , oduc d c o w u d fo com i on mo c n d nd imi d ic . , oduc ion i on 14 o wi 128G o g w com d o i ing i on 13 o wi 128G o g configu ion inc wo ow o g configu ion off d.

W m , m i in ou u , c in nd , ubi i of id ifi d in n um ung n nd go d (8 G) cob nd i ium m nd fin in ou u , c in. id , m n k o confi m ou cing, c ic nd , of ou on ila ou cing, og m. In ddi ion ou ffo con id b d ng of i k inc uding oci n ionmen um n ig nd go n nc i k.

E cud c moun of m n found ou id of m gn nd ccoun ing fo n .2 c n of o found in d ic .

C mic m G nSc n® b nc m k 3 o 4 o o qui n m odo ogi ik U.S. E S f C oic con id d f nd , f d fo u . G nSc n® i com n ik d m n oo u ub nc g in 18 diff n c i i. o m o info m ion i i www.g n nc mic o g.

8 b i d fin mb u , i i —o o b n u , i fo m o n — fo i on 14 o id , ifi d oW b U C U 27 S nd d). U qui 9 c n di ion ou g m od o nw g o c i oW o ndfi i 9 –9 4 c n God 9 c n nd inum 1 c n) d ign ion .

9 d on i , ck ging i db .

1 R on ila ou cing of wood fib i d fin din ' Su in la ib Sp cific ion. W con id wood fib o incud b mboo.

11 o m o info m ion bou ou wo k o , c nd o on ib m n g d fo d ou En ionmen og R , o .

12 kdown of U.S. i , ck ging b w ig . S c non- ic non-fib m i cud d.

13 Effici nc fo m nc i b d on U.S. D , m n of En g d En g Con ion S nd d fo C g . no ENERGY S R do no c if m , on d ic .

En g ffici nc m n g ffici nc u b d on fo owing condi ion .

ow d no- o d Condi ion in w ic 2 W US -C ow d wi US -C o ig ning C la m) i conn d o C, ow bu no conn d oi on .

ow d ffici nc g of 2 W US -C ow d wi US -C o ig ning C la m) m u d ffici nc w n d 1 c n 7 c n nd 2 c n of ow d ' d ou u cu n .

Mode	Power consumption for iPhone 14 Pro		
	100V	115V	230V
ow d no- o d	. 4W	. 4W	. W
ow d ffici nc	8 .8	87.9	87.8

14 i on 14 o w nd du i n nd w d und con o d bo o condi ion wi ing of I 8 und IEC nd d 2 m imum d , of m u o 3 minu). S w nd du i nc no m n condi ion nd i nc mig d u of no m w . Do no m, oc g w i on f o u guid fo ning nd d ing in uc ion . iquid d m g no co d und w n .

1 d -in u b d on condi ion nd configu ion of ou d -ind ic nd m o b w n on in nd in- o d -in. You mu b 18 od. In- o d -in qui n ion of id go nmen -i u d , oo ID oc w m qui ing i info m ion) ddi ion m fom o ' d -in, n m .