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 b c ici b 2 3 .

Energy efficient

46%

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 g
cu -f
omin df 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 un ou d ic oug d ln nd w ' gi i n w if o c c i fo f .

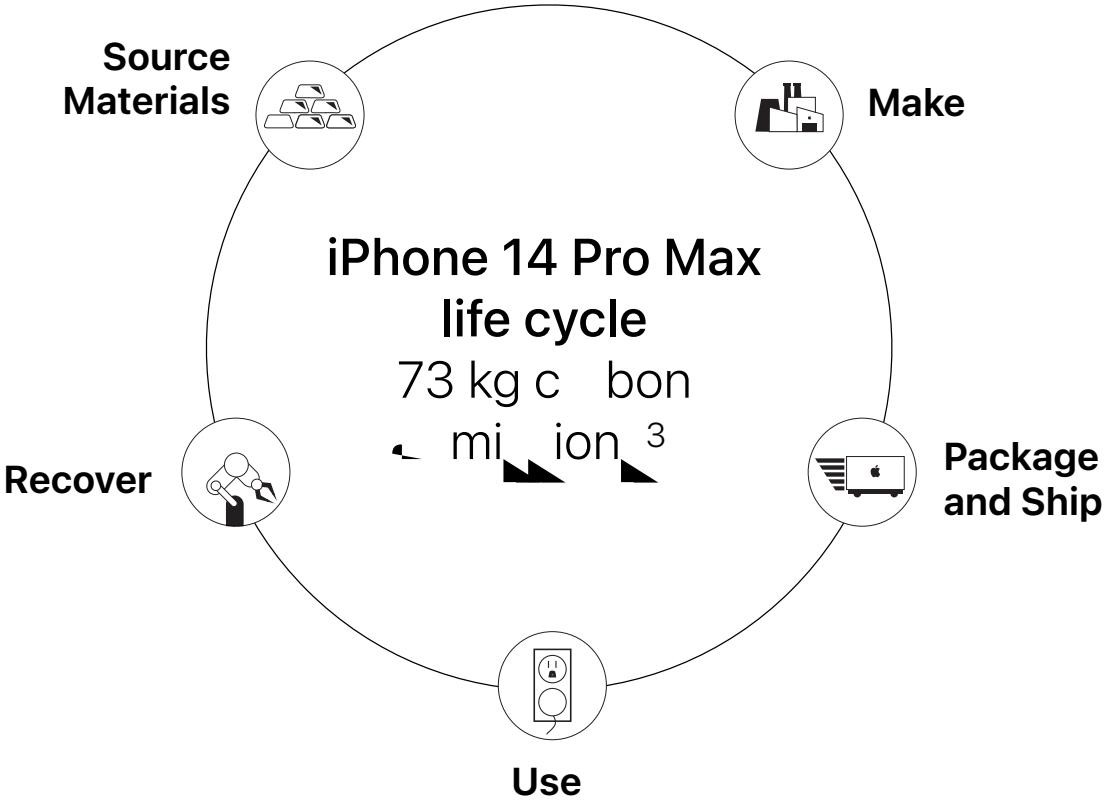
100% recycled gold in the wire of all cameras and in the plating of multiple printed circuit boards

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 d nd of if . nd w focu on w 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 d m i nd wi n w b n g . Su i 'u of n w b n g oug ou Su i G nE n g og m d duc mi ion f om , oduc ion of i on 14 o . i on 14 o c bon foo , in i bou m iou g n ion[4] i commi d o u ing c bon if c m n oid n if , o uni i od i down , oduc g n ou g mi ion .

iPhone 14 Pro Max life cycle carbon emissions

7	oduc ion
4	n , o
17	U
1	End-of-if , oc ing

Source Materials

[illegible]

[illegible]

Rare earth elements

[illegible]

Tungsten

[illegible]

Tin

[illegible]

Plastic

[illegible]

Gold

[illegible]

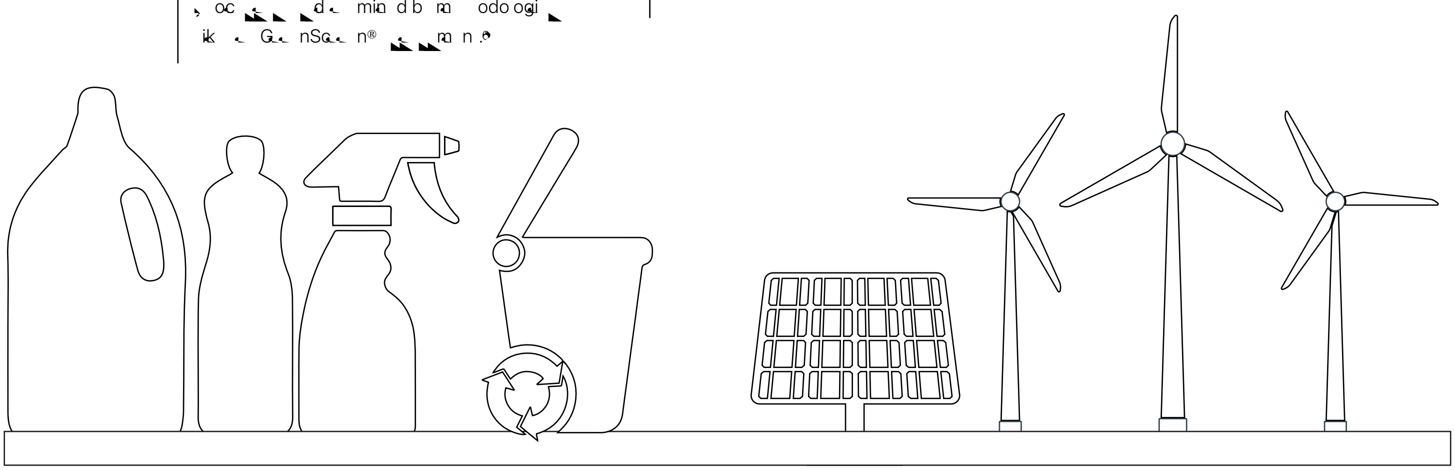
Smarter chemistry

[illegible]

Make

Su i Cod of Conduc ic nd d fo c ion of in ou c in nd w . E w ou fo m nc in 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 duc n i 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 g o iding duc ion o uni i fo i m o o ing fin mb in ducing w .



Greener chemicals

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

Zero Waste to Landfill

N bi di on 14 o fin mb i g n w n o ndfi .[7]

Supplier energy use

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

Package and Ship

i on 14 o , ck ging do no u ou , ic w , .[8] _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 nd w , d d o , noug , on ib m n g d fo o co i gin wood fib w u in ou , ck ging.[1] _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[11] i fib -b d du o ou wo k o u , ic in, ck ging

75%

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

Use

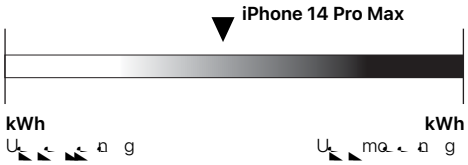
i on 14 o u 4 o c n g n g con ion nd d.[12]

W d ign ou, oduc o b g ffici n ong- ing nd f. i on 14 o u 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 ibi 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 o i d, i, qf 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 .[12] i on 14 o con um 4 o 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 .[13]

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 oi o , , . E igib d ic c nb d d inf o di o n , , S Gif C d w i cc oi nd o d ic c nb c c dfo f .[14] W o off nd , ici in , oduc k -b ck nd c cing 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 '-c bon mi ion dd i unc in b 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 ibu ing o Gob W ming o ni GW 1) in C 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 yc 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 o c cing c n nd g u d in m c nic , ion nd dding of, . o m info m ion on c bon foo, in i .com/ n ionm 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 gow no w m ng d , on ib. R n w b m i of bio-m i m ng 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 ng m n, c ic .
- **Supplier Clean Energy Program:** Sinc c ici u d om k ou , oduc i g con ibu o ou o c bon foo, in w ' , ing ou u , i b com m g ffici nd n ion on w n w b 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 cib ' ic ion on u of c in c mic ub nc in m i in , oduc cc ou m nuf cu ing, oc nd, ck ging u d fo i , ing, oduc o ' nd-cu om . R ic ion d ik d fom in n ion w o di ci gu o g nci co- b qui m n n ionm n nd d nd , oici . E , oduc i f of C nd, c, fo C, ow co d in Indi i ind fo 2- ong C, ow co d) nd Sou w con inu o k go nm n , o fo ou C nd, c , c m n , oduc com, wi Eu o n Union Di ic 2 11/ /EU nd i m ndm n incuding 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 il .

2 i on 14 o c i d God ing in Uni d S nd C n d 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 m n oo E . R gi . 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 i www. .

3 G n ou g mi ion w c cu d uing 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 Max	iPhone 13 Pro Max
128G	73 kg C 2	74 kg C 2
2 G	8 kg C 2	81 kg C 2
12G	3 kg C 2	3 kg C 2
1	124 kg C 2	117 kg C 2

Endnotes

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

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

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

7 e bi e d fin e mb u , i i —o o e be n , u , i fo m e n on e — fo i on 14 o e id , e ifi d e oW e b U C (U 27 S nd d). U e qui e e c n dic ion ough m od o e nw e e n g o c i e e oW e o ndfi (i e 4 e c n God) e c n nd inum 1 e c n) d ign ion.

8 e d on e i , ck ging e i e d b .

9 R on ila ou cing of wood fib i d fin d in , ' Su in la ib Sp cific ion. W con id wood fib o inc ud b mboo.

1 o m e info m ion bou ou wo k o , e c nd e e e , on ib m n g d fo e e d ou En i onm n og R , o .

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

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

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

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

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

Mode	Power consumption for iPhone 14 Pro Max		
	100V	115V	230V
ow d , e no- o d	. 4W	. 4W	. W
ow d , e ffici nc	8 .8	87.	87.8

13 i on 14 o e , w e nd du e i n nd w e e d und con o d bo o condi ion wi ing of l 8 und IEC nd d 2 m imum d , of m e u o 3 minu). S , w e nd du e i nc e no e m n condi ion nd i nc mig d e e e u of no m w . Do no e m , o c g w i on e f o e u 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 b d on e condi ion e nd configu ion of ou d -ind ic nd m o b w n on in nd in- e d -in. You mu b e 18 e od. In- e d -in qui e n ion of id go nm n -i u d , o o ID oc w m e qui ing i info m ion) ddi ion e m f om , o ' d -in , in m .