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

54%
g con uma d n U.S. D ma n of En g qui ma 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 f .

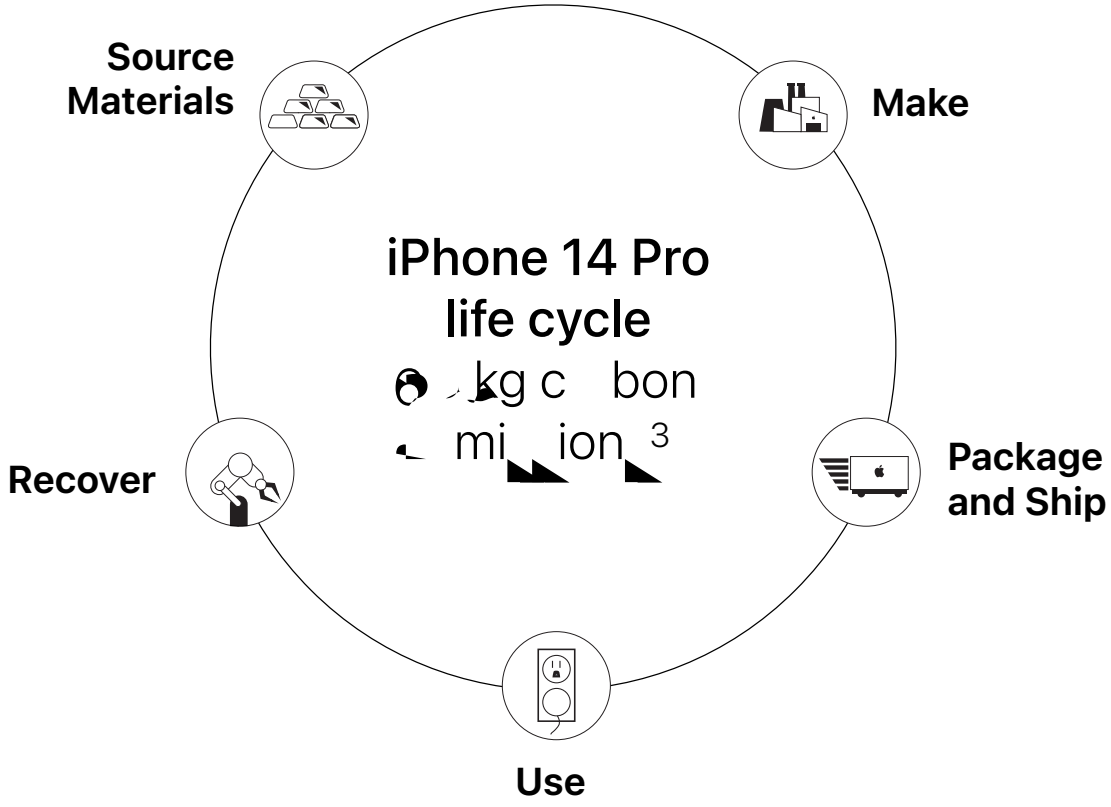
100% recycled gold in the wire of all cameras and in the plating of multiple printed circuit boards

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 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 d d i 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 q , o uni i od i 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

[illegible] wi[illegible] of c[illegible]m[illegible] m[illegible]d wi[illegible]1[illegible] c[illegible]c[illegible]d go[illegible]d.

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

Rare earth elements

W[illegible] u[illegible] 1[illegible] [illegible]c[illegible] n[illegible] [illegible] c[illegible]c[illegible]d[illegible] [illegible] [illegible] m[illegible] n in[illegible] m[illegible] gn[illegible] [illegible] [illegible] [illegible] n ing 1[illegible] [illegible]c[illegible] n of[illegible] [illegible] o[illegible] [illegible] [illegible] [illegible] m[illegible] n in[illegible] [illegible] d[illegible] ic[illegible].[illegible]

Tungsten

W[illegible] u[illegible] 1[illegible] [illegible]c[illegible] n[illegible] [illegible] c[illegible]c[illegible]d ung[illegible] [illegible] n in[illegible] [illegible] [illegible], ic Engin[illegible]. [illegible] i[illegible] [illegible] [illegible] [illegible] n [illegible][illegible][illegible][illegible] [illegible]c[illegible] n of[illegible] [illegible] o ung[illegible] [illegible] n in[illegible] [illegible] d[illegible] ic[illegible].

Tin

W[illegible] u[illegible] 1[illegible] [illegible]c[illegible] n[illegible] [illegible] c[illegible]c[illegible]d in in[illegible] [illegible] od of mu[illegible] [illegible], in[illegible] d ci cui bo[illegible] d[illegible] inc uding[illegible] m in ogic bo[illegible] d.

Plastic

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

Gold

[illegible] [illegible], i[illegible], ion[illegible] ing indu[illegible] [illegible] ding[illegible] [illegible] of[illegible] [illegible] c bii in[illegible] [illegible] c[illegible]c[illegible]d m[illegible] i[illegible] [illegible] o bui[illegible] d go[illegible] d[illegible], [illegible] c in of[illegible] cu[illegible] [illegible] [illegible] c[illegible]c[illegible]d con[illegible] n[illegible]. W[illegible] now u ing 1[illegible] [illegible]c[illegible] n [illegible] [illegible] c[illegible]c[illegible]d go[illegible] d in[illegible] [illegible] wi[illegible] of[illegible] c[illegible] n[illegible] nd [illegible] [illegible], ing of mu[illegible] [illegible], in[illegible] d ci cui bo[illegible] d[illegible].

Smarter chemistry

i on 14[illegible] o i[illegible] [illegible] of[illegible] mfu[illegible] ub[illegible] nc[illegible] ik[illegible] b[illegible] ium b omin[illegible] [illegible] d f[illegible] m[illegible] [illegible] d n[illegible] C[illegible], [illegible] [illegible] [illegible] nic in[illegible] [illegible] g[illegible] [illegible] nd m[illegible] cu[illegible] [illegible] nd 1[illegible] [illegible]c[illegible] n of[illegible] [illegible] m[illegible] [illegible] i in[illegible] i[illegible] on 14[illegible] o[illegible] [illegible] co[illegible] [illegible] [illegible] d b ou[illegible] R gu[illegible] [illegible] d Sub[illegible] [illegible] nc[illegible] [illegible] S[illegible] cific ion. W[illegible] go[illegible] b ond w[illegible] ' quid b[illegible] iming o und[illegible] [illegible] nd[illegible] [illegible] non[illegible] [illegible] gu[illegible] [illegible] d ub[illegible] nc[illegible] in[illegible] [illegible], [illegible] of[illegible] [illegible], oduc[illegible] — [illegible] ffo[illegible] [illegible] [illegible] quid[illegible] n indu[illegible] [illegible] ding[illegible] [illegible] of[illegible] n[illegible], [illegible] nc[illegible] oug[illegible] [illegible] [illegible] ni[illegible] u[illegible], c in. W[illegible] con[illegible] n id[illegible] n if[illegible] [illegible] m[illegible]k u[illegible] of[illegible] [illegible] 7[illegible] [illegible]c[illegible] n b[illegible] m[illegible] of i on[illegible] d[illegible] ic[illegible].

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 n ionm 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 o ing fin mb in ducing w .

Greener chemicals

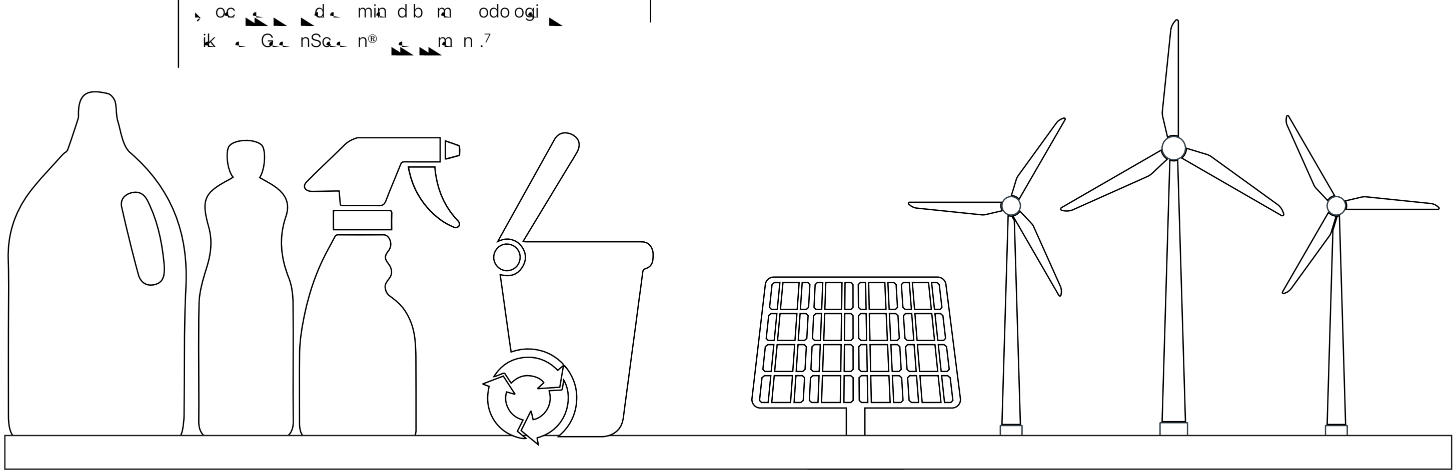
bi d i on 14 o fin mb i u f nd d g in i m nuf c u ing oc d mi d b m odo ogi ik G nS n® m n .[7]

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

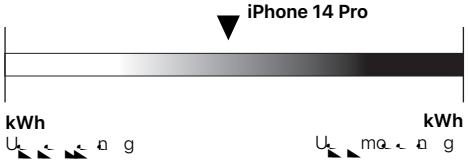
i on 14 ou 4 c n g n g con ion nd d.[13]

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 o i 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 quid 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 oi o , , . E igib d ic c nb d d in fo c di o n , , S c Gif C d
w i cc oi 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 m n 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 q com on n con ibu o 'c bon mi ion dd i unc in b d ing d id, oc -b d ni onm 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)

- **Production:** Inc ud cion, 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 cion ub o c ing c 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 l m i of bio-m i m ng d in w n l 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 , i b com m n g ffici n nd n ion on w n w l 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 l 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 o i m nuf cu ing, oc nd, ck ging u d fo i, ing, oduc o ' nd-cu om . R ic ion d ic d f om in n ion w o di c ic gu o g nci co- b qui m n n ionm n nd d nd , oici . Ex , 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 o w con inu o k go nm n , o fo ou C nd, , 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 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 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 ww .

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	kg C
2 G	71 kg C	kg C
12G	84 kg C	88 kg C
1	kg C	112 kg C

Endnotes

[4] i on 13 o i , 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, ub i i of id n ifi d in n um ung n nd go d (3 G) cob nd i ium m nd fin in ou u, c in. i d, m n k o confi m ou cing, c ic nd , of ou on ib ou cing, og m. In ddi ion ou ffo con id b o d ng of i k inc uding oci n i onm n um n ig nd go n nc i k.

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

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

[8] b i d fin mb u, i —o o b n, u, i fo mo n on — fo i on 14 o i d, ifi d o W b U C U 27 S nd d). U qui c n di ion oug m od o n w g o c i o W o ndfi Si — 4 c n Go d — c n nd inum 1 c n) d ign ion .

d on i, ck ging i d b .

[1] R on ib ou cing of wood fib i d fin d in ' Su in b ib S cific ion. W con id wood fib o inc ud b mboo.

[11] o mo info m ion bou ou wo k o, c nd on ib m n g d fo d ou En i onm n og R o .

[12] kdown of U.S. i, ck ging b w ig . S c non ic non-fib m i c ud 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 n 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 b m) i conn d C, ow bu no conn d o i on .
- ow d , ffici nc g of , 2 W US -C ow d , wi US -C o ig ning C b m) m u d ffici nc w n d 1 c n 7 c n 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.	87.8

[14] i on 14 o w nd du i n nd w d und con 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, o c 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 -in d ic nd m o b w n on i nd in- d -in. You mu b 18 o d. In- d -in qui n ion of id go m n -i u d, o o ID oc w m qui ing i info m ion) ddi ion m f om ' d -in, m , .