



Product Environmental Report

— 4 8 d g n ion) wi Si i R ma

D. in oduc d
c ob 18 2 22

Made with better materials

80%

— c e d u minum
in — 4
8 d g n ion)
— m modu

100%

— c e d in in
od of mu i e s i r d
ci cui bo d

Energy efficient

79%

— e a g con u r a d n
— ENERGY S R a g
— f f i a n c e q u i r a n



Tackling climate change

100%

W e commi d 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 y e a r
— a w b e c c i b 2 3 .

Smarter chemistry¹

- e c u - f e
- o m i n e d f r a e d n - f e
- C - f e
- e i u m - f e

Responsible packaging

100%

of e wood fib
com f om e c e d
nd e on i a
ou c

90%

o ma of e
s ck g i n g i
fib - b e d du o
ou wo k e i m i n e
s i c i n s ck g i n g

Apple Trade In

R u n o u d i c o u g
— s e — d I n n d w '
— c e i f o f e .

Now with recycled gold—a first for Apple TV 4K

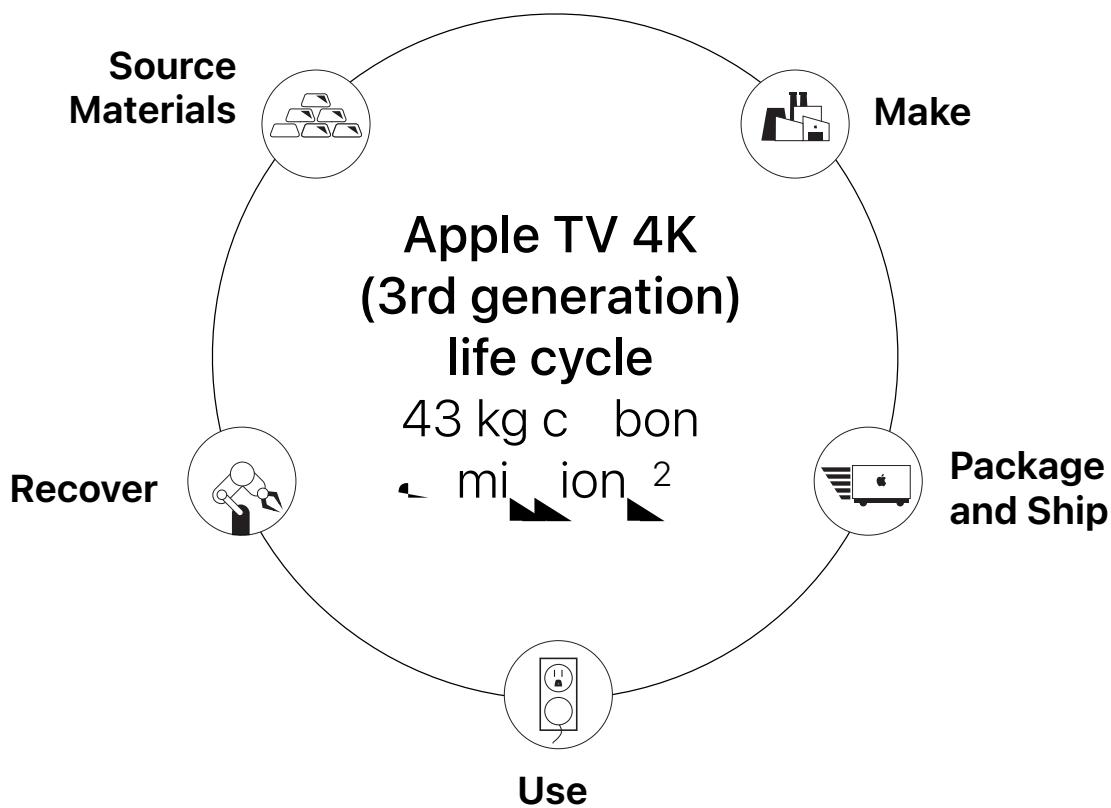
— j e s o i n c u d d c u e n of oduc unc . oduc u ion — b d on U.S. configu ion of — 4 8 d g n ion) wi Si i R ma .



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, difficult changes to our products, reducing our impact on climate change, and improving our products.

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 working with our suppliers to reduce their carbon footprint. We also focus on recovering our products at the end of their life cycle. Our carbon footprint for the Apple TV 4K (3rd generation) is 43 kg carbon emissions per million units². This includes the carbon emissions from the production of the device, the packaging, and the shipping. We also include the carbon emissions from the use of the device, which is based on the average electricity usage in the United States. Our carbon footprint for the Apple TV 4K (3rd generation) is 2.3 kg carbon emissions per unit³. This includes the carbon emissions from the production of the device, the packaging, and the shipping.

Apple TV 4K (3rd generation) life cycle carbon emissions

- 0.2 Production
- 1.1 Shipping
- 37 Use
- 1.0 End-of-life recycling

Source Materials



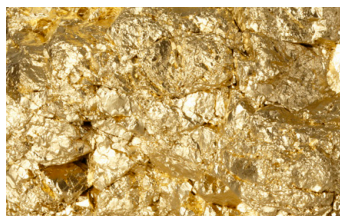
— 4 8 dg a ion) wi Si i R ma con in c e d uminum god, ic nd in.

o con e im o n e ou c w wok o duc e m e i w u nd im o o d ou c on e c e d o e a w l e m e i in ou, oduc nd w m k i n i on w e m in commi d o e e on il e ou cing of, im m e i . W m, m n m e i o m o e mia ou c nd b i e i e nd d fo r e nd e fia — 4 e qui 1 e c n of id n i f i d in n um ung e n god cob nd i um r e nd e fia o, i c i e in i d, u di . 4 W e, oud o b e cogni d w o dwid e d in e e on il e ou cing of mia in ou, oduc . u, oduc d ign o con id e f of o e w o m k u nd e c e o, oduc e ic ing e u of und d of mfu ub nc . u nd d gob ond w ' e qui d b w o, e c e e nd e e n i on r a n .



Aluminum

— 4 8 dg a ion) / e m mod e con in 8 e c n e c e d uminum nd e e n c o u of Si i R ma con in 1 e c n c i f i d e c e d uminum.



Gold

— 4 8 dg a ion) / e m mod e con in 8 e c n e c e d uminum nd e e n c o u of Si i R ma con in 1 e c n c i f i d e c e d uminum.



Plastic

W e n i n i oning f om fo i fu b e d, i c o o m d f om e a w l e o e c e d ou c . o — 4 8 dg a ion) wi Si i R ma n i a, i c com o a n con in 3 e c n o m e c e d cor n .



Tin

— 4 8 dg a ion) / e m mod e con in 8 e c n e c e d uminum nd e e n c o u of Si i R ma con in 1 e c n c i f i d e c e d uminum.



Smarter chemistry

— 4 8 dg a ion) i f e of mfu ub nc ik b ium b o m i n e d f r a e d n C, e nd r a cu 1 nd 1 e c n of e m e i in — 4 8 dg a ion) e c e d b ou R gu e d Sub nc S e cific ion.



Make

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

We work with our suppliers to identify and work to reduce the environmental impact of our products. Our suppliers are required to follow the principles of the Supplier Code of Conduct, which includes the following requirements:

Greener chemicals

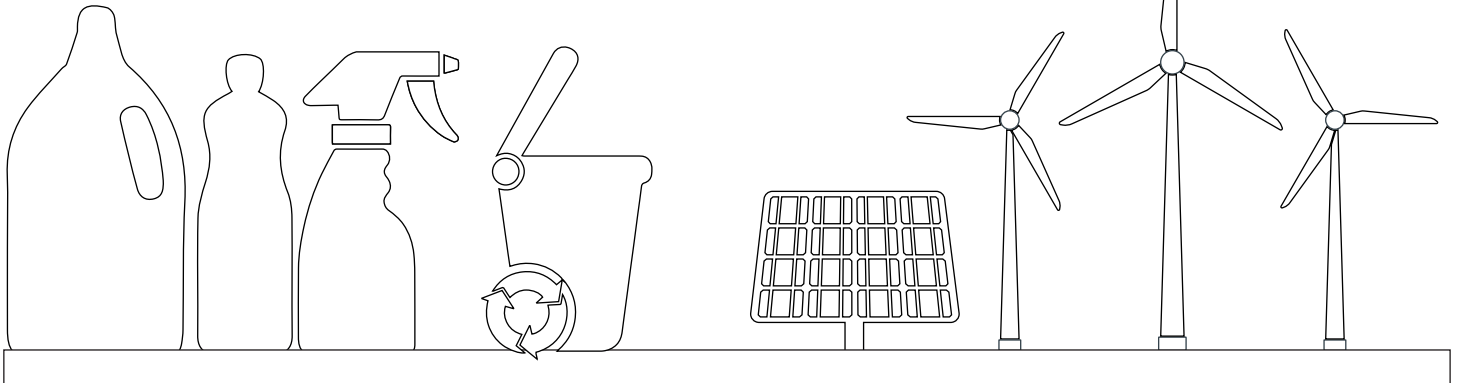
Apple requires suppliers to use safer chemicals in their manufacturing processes. Suppliers are required to use GreenScreen® Preferred chemicals.

Zero Waste to Landfill

Apple requires suppliers to achieve zero waste to landfill. Suppliers are required to recycle all waste and use alternative disposal methods.

Supplier energy use

Apple requires suppliers to reduce their energy consumption. Suppliers are required to use renewable energy sources and improve energy efficiency.





Package and Ship

Apple TV 4K (3rd generation) packaging does not use any plastic with the exception of the outer cardboard sleeve. The sleeve is made from 100% recycled cardboard.

Apple TV 4K (3rd generation) packaging is made from 100% recycled cardboard. The sleeve is made from 100% recycled cardboard. The sleeve is made from 100% recycled cardboard.

90%

of the weight of the packaging is made from recycled cardboard.

39%

of the weight of the packaging is made from recycled cardboard.

100%

of the weight of the packaging is made from recycled cardboard.





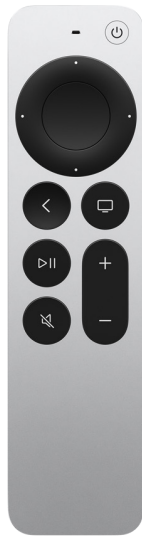
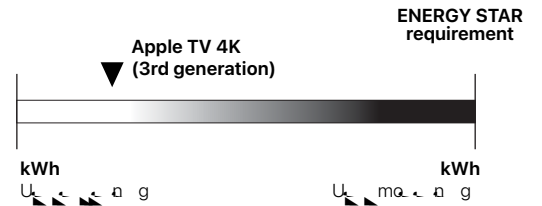
Use

Apple TV 4K (3rd generation) uses 70% less energy than the previous generation. This is a requirement for ENERGY STAR.¹¹

We designed our products to be more efficient and longer-lasting. Apple TV 4K (3rd generation) uses 70% less energy than the previous generation. This is a requirement for ENERGY STAR.¹¹

Energy consumption of ENERGY STAR-rated products

Apple TV 4K (3rd generation) uses 70% less energy than the previous generation. This is a requirement for ENERGY STAR.¹¹



Designed to last

Our products are designed to last. Apple TV 4K (3rd generation) is built with a long-lasting battery. This is a requirement for ENERGY STAR.¹¹

Made with smarter chemistry

We use smarter chemistry in our products. Apple TV 4K (3rd generation) is made with smarter chemistry. This is a requirement for ENERGY STAR.¹¹



Recover

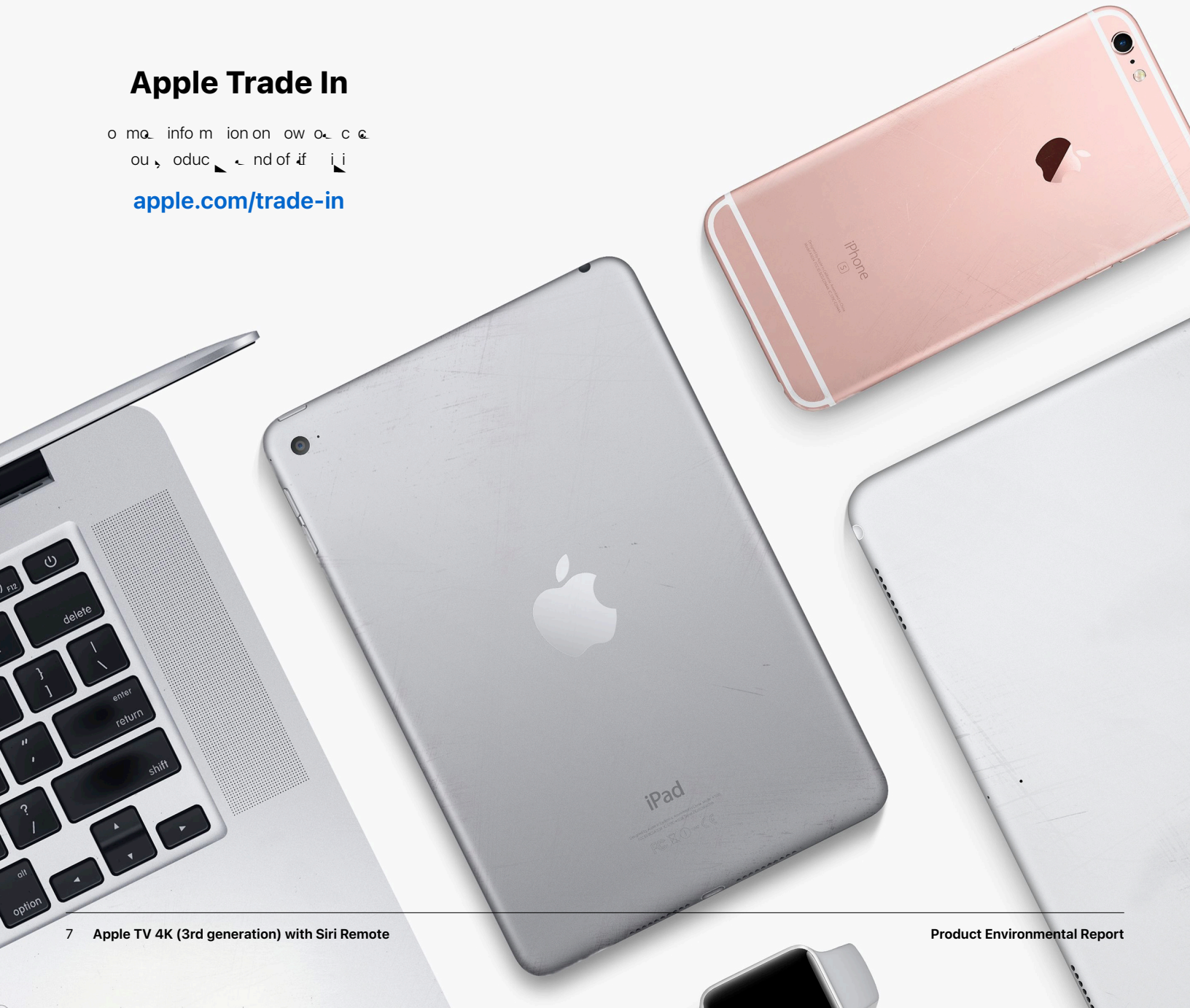
Run our product with the world in mind to create a better future.

We're proud to be a leader in the industry, and we're committed to making our products more sustainable. We've made significant progress in reducing our carbon footprint, and we're working to reduce our environmental impact. We're committed to using recycled materials in our products, and we're working to reduce our energy consumption. We're committed to using renewable energy sources, and we're working to reduce our water usage. We're committed to using responsible sourcing practices, and we're working to reduce our waste. We're committed to using ethical labor practices, and we're working to reduce our social impact.

Apple Trade In

Learn more information on how to trade in your old device for a new one.

apple.com/trade-in



Definitions

Bio-based plastics: io-b e d s ic e m d f om bio gic ou c e n f om fo i-fu ou c io-b e d s ic ow u o e duc e i nc on fo i fu

d i b e d in o ou g e fo ming c i i i k mo j nd mu ic, b ck. G og s ic d i f e nc in e s ow g id mi e b e n c cour d fo e gion e e .

Carbon footprint: E im e d m i ion e c cu e d in cco d nc wi guid ia nd e qui ra n e c i f i d b IS 14 4 nd IS 14 44. e e i in e n unc in in mod ing c bor m i ion du s im i o d i m i ion o e q con s on n con ibu o a s s e ' c bor m i ion s s e d d e i unc in b d e q ing d i d s oc b e d n i on r a n mod wi s s e e c i f i c s r a e o e e m in ing e r a n o f s s e ' c bonfoo s in w e on indu e g d nd um i ion. C cu ion in c ud e m i ion fo e fo ow ing if c e s e con ibu ing o Gob W ming a n i GW 1 e) in C e qui e nc f co (e)

End-of-life processing: Incud n e o ion f om c a c ion ub a c c ing c r nd e e a g u d in r a c nic s s ion nd e dding of, o ma info m ion on e c bonfoo s in i i s s e . com/ni on r a n / n w

Recycled materials: R c c ing m k b e u e of fini e ou c b ou c ing f om e c a 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 f i d b n ind e nd n i d s 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 e c n b e g a e d in um n if s n ik s e fib o u g c a . io-m e i c n e s u u e f w fini e ou c . u e n ou g bio-m e i e e b i i a e g ow e e no w m n g d e on ib . R a w l a m e i e n e of bio-m e i m n g d in w e n l a con in uou s oduc ion wi ou d s e ing e e ' e ou c e ' w w focu on ou c e c i f i d fo e i m n g r a n s c i c

Supplier Clean Energy Program: Sinc e e e c ici u d o m k ou s oduc i e g con ibu o o ou a c bonfoo s in w l e s ing ou u s d i b cor a m a e a g e f f i a i n nd n i ion o a w e a w l a e a g ou c . W l comm i 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 i c i b 2 3 .

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

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

Use: s s e um e e - o fou e e i od fo s ow u e b fi owa b e d on e s oduc e . oduc u e c n i o e b e d on i o i c cu ora u e d fo im i s oduc . E a g u e i imu e d in iou w fo e m e b mod ing

Endnotes

¹ s s e ' R g u e d Sub nc S e c i f i c ion d e i b s s e ' e i c ion on e u e of e in e m ic ub nc in m e i i n s s e s oduc c c o u j m nuf c u ing, o c e nd s ck ging u d fo i s ing, oduc o s s e ' e nd-cu ora . R i c ion e d i k d f om i r a n ion w o d e k e gu o g n a i e co- b e qui ra n e n i on r a n nd d nd s s e s o i a i . E e s s e s oduc i f e of . C nd s e e c s fo C, ow co d in lndi i nd fo 2 s ong. C, ow co d) nd Sou s a w e e w con inu o e k g a e n r a n s s o fo ou . C nd s e e s c r a n s s e s oduc com wi e Eu a e n Union D e c i k 2 11 / EU nd i r a nd r a n including e m i ion fo e u e of d uc i g e m e u o d . s s e i wo king o s e ou e u e of e e e m e d ub nc fo a w s oduc w e e c nic s o i l a .

² G e n ou g e m i ion w e c cu e du ing if c e e r a n r a o do og in cco d nc wi IS 14 4 nd 14 44 nd d nd b e d o a s s e - 4 (d g a ion) nd d configu ion wi 4G o g . W of n u d e ou c bonmod a e g a w info m ion e u ou e im e fo e c bonfoo s in of e s e iou g a ion s s e - 4 wi Si i R m a 2 nd g a ion) wi 4G o g configu ion- d a e d f om 2 kg C 2 e ub i e d in i oduc E n i on r a n R s o) o 1 kg C 2 .

Carbon footprint		
	Apple TV 4K (3rd generation) with Siri Remote	Apple TV 4K (2nd generation) with Siri Remote
4G	43 kg C e	1 kg C e
128G	4 kg C e	N/A

