



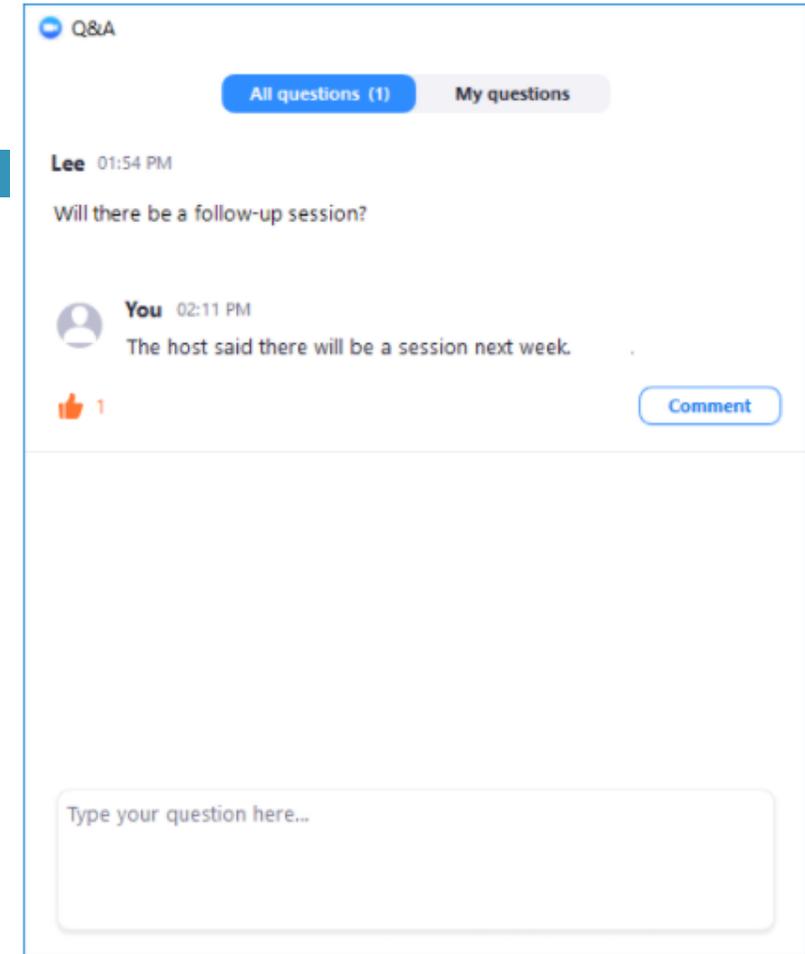
**West Coast Climate
& Materials Management Forum**

September 30, 2021

Right to Repair Movement and Accessibility

Zoom information

- Type questions into the Q&A box in the bottom dashboard.
- Please feel free to ask questions throughout the presentation.
- Please contact Morgan.Collins@erg.com if you are having technical issues with the webinar.



The screenshot shows the Zoom Q&A interface. At the top, there are two tabs: "All questions (1)" and "My questions". Below the tabs, a question from "Lee" at 01:54 PM asks, "Will there be a follow-up session?". A response from "You" at 02:11 PM states, "The host said there will be a session next week." There is a thumbs-up icon with the number "1" and a "Comment" button. At the bottom, there is a text input field with the placeholder text "Type your question here..."

Audio Settings ^



Chat



Raise Hand



Q&A

Leave Meeting



West Coast Climate
& Materials Management Forum

West Coast Climate and Materials Management Forum

A collaboration of state, local, and tribal governments
with the mission to:

- Develop ways to institutionalize sustainable materials management practices.
- Develop tools to help jurisdictions reduce the greenhouse gas emissions associated with materials



Check out the Forum's Resources

- [Original Report Connecting Materials/Climate](#)
- [Research Summaries](#)
- [Turn-key Materials Management Presentation](#)
- [Climate Action Toolkit](#)
- [Climate-Friendly Purchasing Toolkit](#)
- [Food: Too Good to Waste Toolkit](#)
- [Webinar Series](#)

www.westcoastclimateforum.com



West Coast Climate
& Materials Management Forum

West Coast Climate Forum Webinar Series Disclaimer

This webinar is being provided as part of the West Coast Climate and Materials Management Forum Webinar Series. The Forum is a collaboration of state, local, and tribal governments. We invite guest speakers to share their views on climate change topics to get participants thinking and talking about new strategies for achieving our environmental goals. Mention of trade names or commercial products does not constitute endorsement or recommendation for use.

Please note the opinions, ideas, or data presented by speakers in this series do not represent West Coast Climate and Materials Management Forum members policy or constitute endorsement by the forum.

www.westcoastclimateforum.com



**West Coast Climate
& Materials Management Forum**

Right to Repair and Accessibility: Introduction

Initial context

**Addressing
multiple
barriers**

**Role of
manufacturers**

**Lower
greenhouse
gas emissions**

Intentionality

Equity





IFIXIT

Let's Fix the World

iFixit's mission is to enable
everyone to repair every thing
they own.



We are an online community of people sharing repair know-how.

iFixit makes it:

Easy for anyone to share repair knowledge

Simple for people to fix their devices

iFixit Member Survey



Told us that iFixit has enabled them to perform repairs they wouldn't have done otherwise.

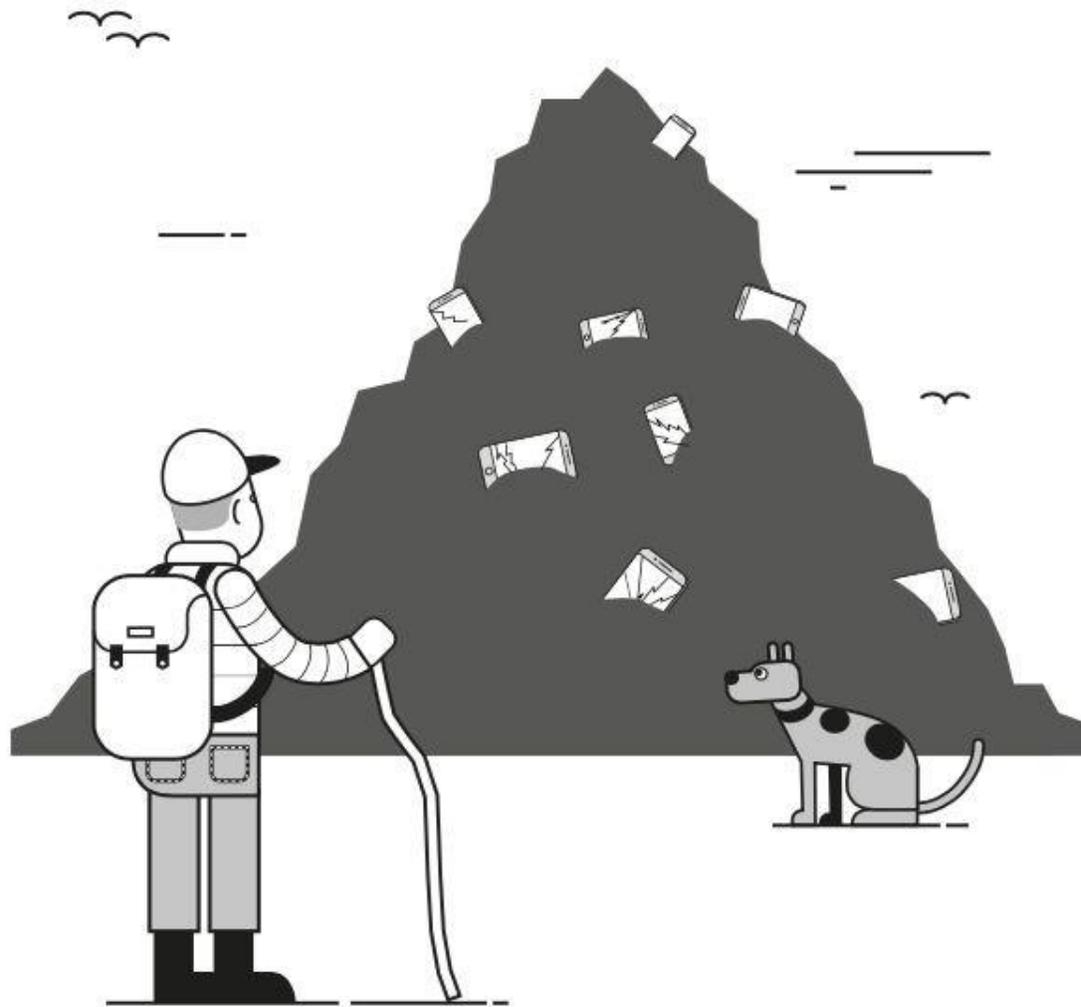


say that a successful repair makes you more likely to buy another product from that manufacturer.



Average number of things people have fixed using iFixit.





46,890



NUMBER OF CELL PHONES
DISPOSED OF DAILY IN



CALIFORNIA

E-waste is a huge problem. We're making more gadgets than ever before, and manufacturers are blocking people from repairing them to extend their life.

We could fix this with a bill in California this year! Write or call your representative and tell them you support HB1163.

Support your Right to Repair!

california.repair.org

Bill: HB1163

#RightToRepair

For every 1000 tons of electronics...



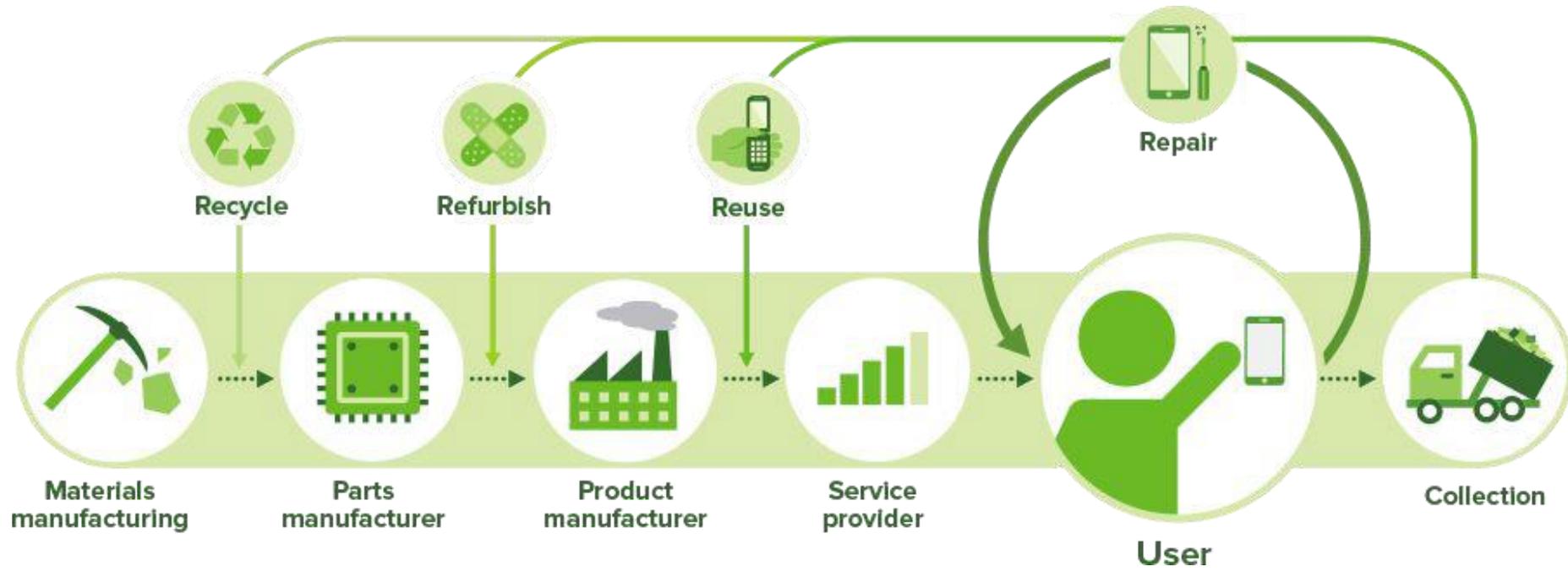
Landfilling
creates < 1 job



Recycling
creates 15 jobs



Repair
creates 200 jobs



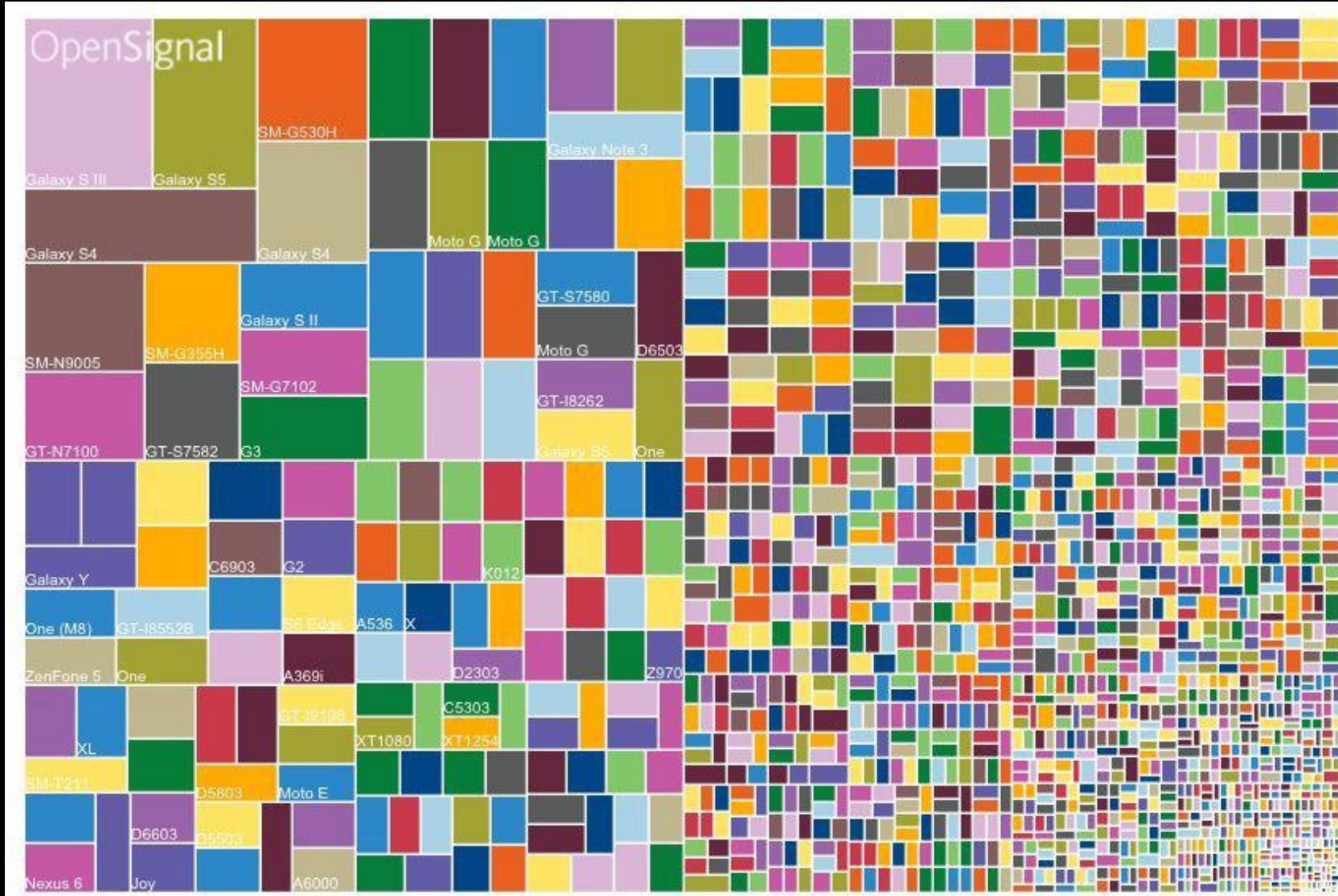


1 H																	2 He
3 Li	4 Be											5 B	6 C	7 N	8 O	9 F	10 Ne
11 Na	12 Mg											13 Al	14 Si	15 P	16 S	17 Cl	18 Ar
19 K	20 Ca	21 Sc	22 Ti	23 V	24 Cr	25 Mn	26 Fe	27 Co	28 Ni	29 Cu	30 Zn	31 Ga	32 Ge	33 As	34 Se	35 Br	36 Kr
37 Rb	38 Sr	39 Y	40 Zr	41 Nb	42 Mo	43 Tc	44 Ru	45 Rh	46 Pd	47 Ag	48 Cd	49 In	50 Sn	51 Sb	52 Te	53 I	54 Xe
55 Cs	56 Ba	* -	72 Hf	73 Ta	74 W	75 Re	76 Os	77 Ir	78 Pt	79 Au	80 Hg	81 Tl	82 Pb	83 Bi	84 Po	85 At	86 Rn
87 Fr	88 Ra	** -	104 Rf	105 Db	106 Sg	107 Bh	108 Hs	109 Mt	110 Ds	111 Rg	112 Uub	113 Uut	114 Uug	115 Uup	116 Uuh	117 Uus	118 Uuo
		↓															
*Lanthanides	57 La	58 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb	71 Lu		
**Actinides	89 Ac	90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No	103 Lr		

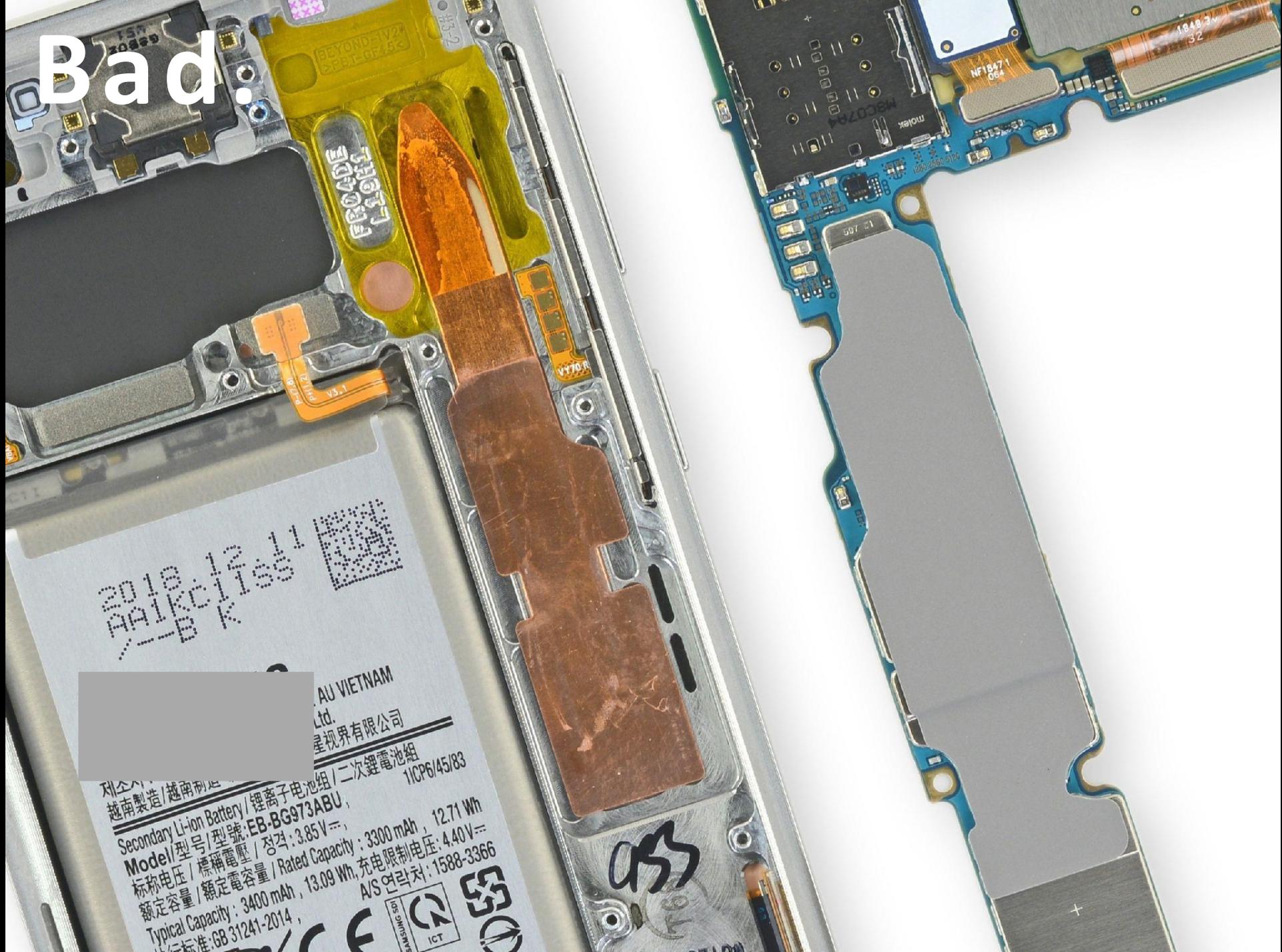


XR	13.54%
7	11.61%
8	11.4%
X	10.68%
8 Plus	9.26%
7 Plus	6.8%
6S	6.8%
XS Max	6.65%
XS	5.63%
11	4.28%
6	3.97%
11 Pro Max	3.25%
6S Plus	2.62%
11 Pro	2.49%
6 Plus	1.02%

Smartphone Fragmentation



Bad.



2018.12.11
AA1Kc1iss
/_-B K

越南製造/越南製造
Secondary Li-ion Battery / 锂离子電池組 / 二次鋰電池組
Model / 型號: EB-BG973ABU
標稱電壓 / 標稱電壓 / 정격: 3.85V
額定容量 / 額定電容量 / Rated Capacity: 3300mAh, 12.71Wh
Typical Capacity: 3400mAh, 13.09Wh, 充電限制電壓: 4.40V
A/S 연락처: 1588-3366
AU VIETNAM
Ltd.
星视界有限公司
1ICP6/45/83



Meh.



Good.



Bad.



Bad.



Meh.



Good.





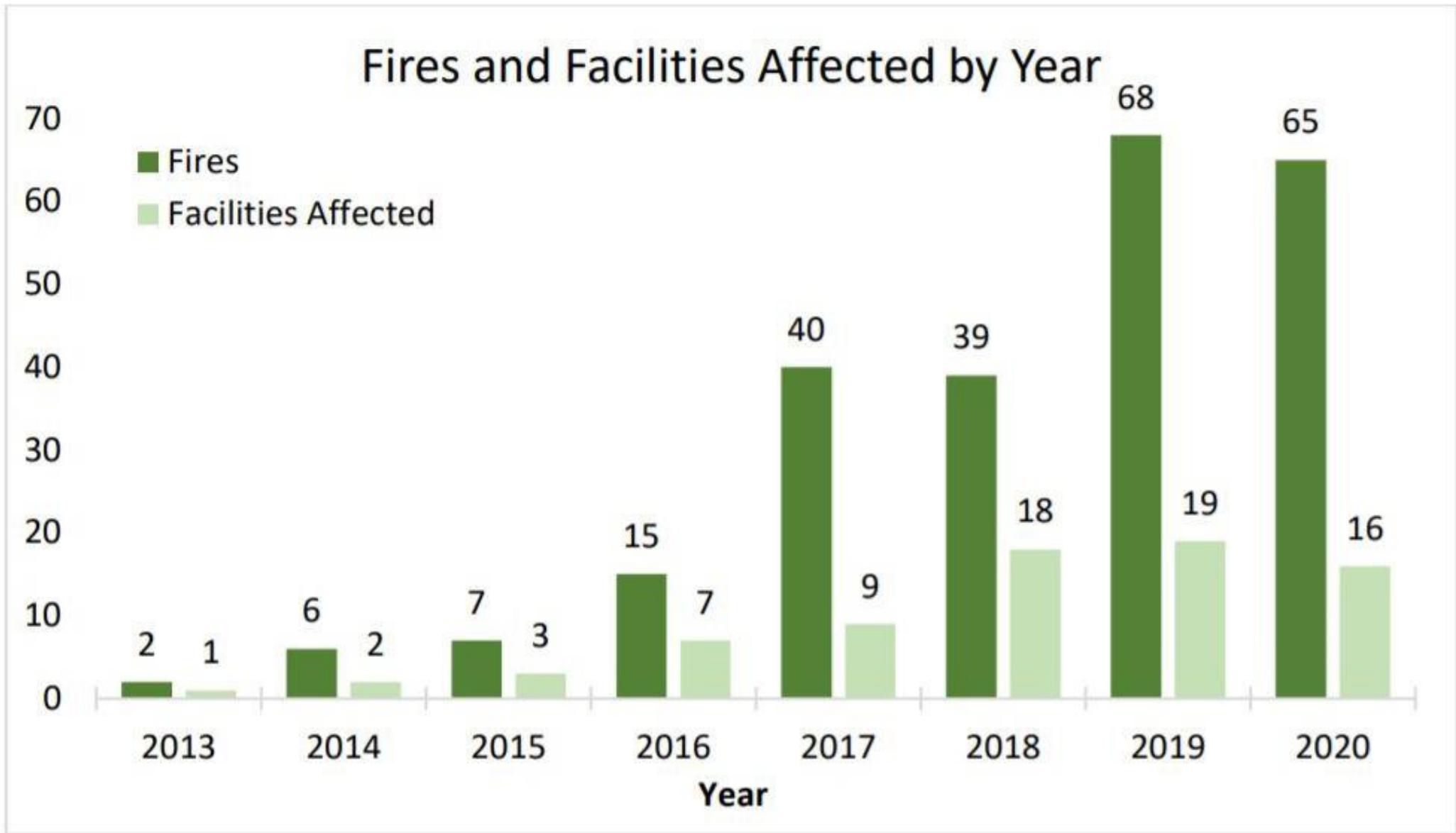
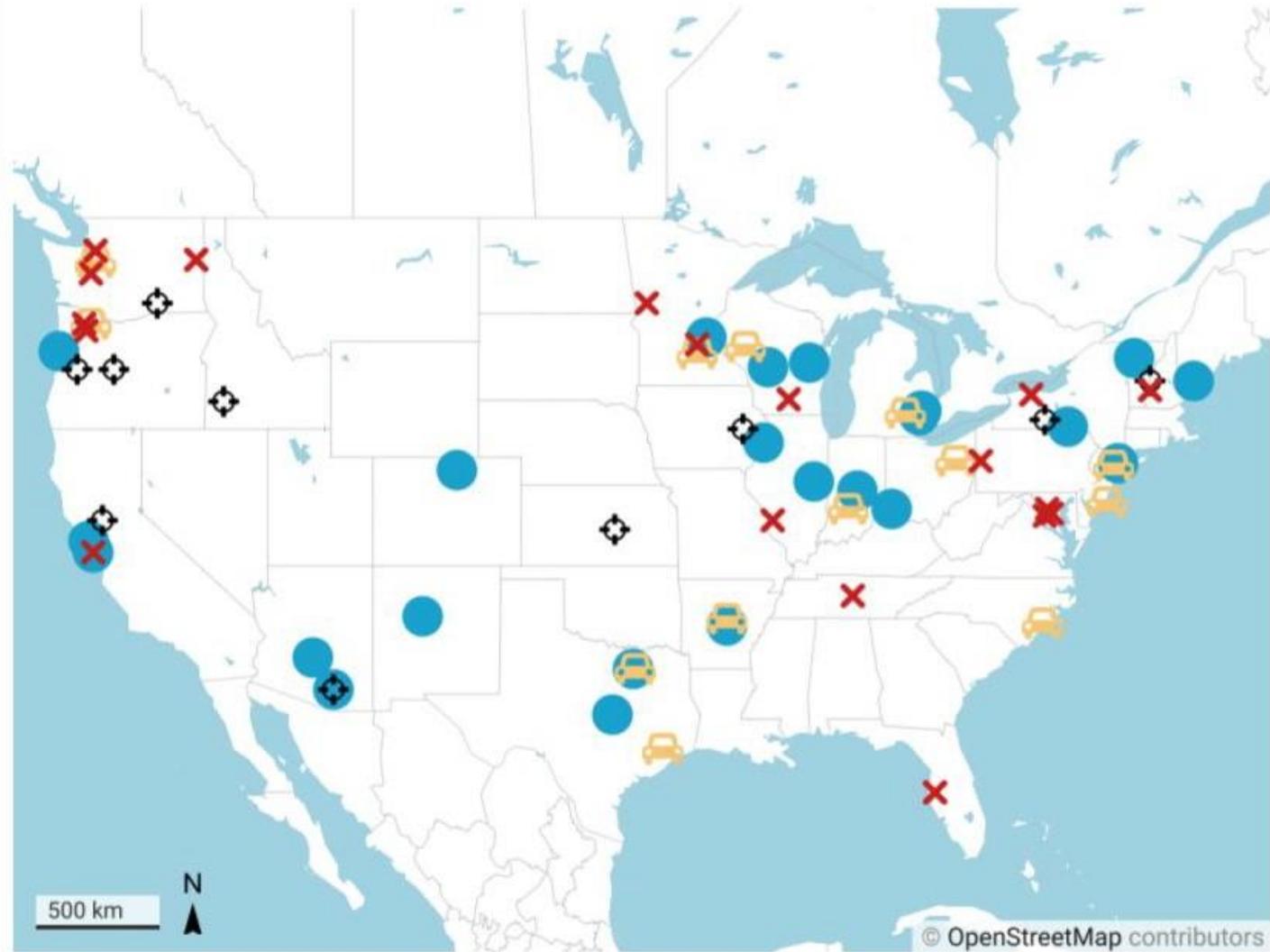


Figure 5: Facilities affected and number of fires by year

Locations of LIB-Caused Fires in the Waste Stream, 2013–2020



- MRF
- ⊠ Landfill
- 🚗 Transport
- ✗ Other

NEWS

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Electric goods 'should have repairability rating'

By Justin Parkinson
Political reporter, BBC News

3 days ago



The government must look at forcing manufacturers to put "repairability" scores on electric devices, opposition parties have said.



INDICE DE RÉPARABILITÉ

Consumers Want Fixable Tech

On behalf of Samsung, OpinionWay investigated how the French repairability index has influenced consumer attitudes and behaviour since its introduction January 1, 2021.

Key findings:

- **83%** say that they try to repair or have repaired their faulty devices instead of replacing them immediately.
- **54%** of those try to fix it themselves or with help from friends/family.
- Only **29%** leave the repair to a professional service.
- **71%** of French have heard about the index.
- **80%** of >50 y/o, but only **52%** of 18-25 y/o have heard about it.
- **86%** say that the index impacts their purchasing behaviour.
- **80%** would even give up their favorite brand for a more repairable product.



Right to Repair is a Growing Movement



88% of Voters

in Massachusetts overrode the car companies and passed the automobile owners' Right to Repair law in November, 2012.



114,322 Americans

signed a petition to legalize cell phone unlocking. The White House supports cell phone unlocking—but your voice is still needed to convince Congress.



600,000 People

have joined iFixit to teach each other how to repair their own stuff, and thousands more are pitching in every day.

It's Your Phone. Why Can't You Fix It Yourself?

When the tools of modern life stop working, people should be able to shop for the best price on repairs.

April 6, 2019



Grace Heejung Kim

By The Editorial Board

The editorial board represents the opinions of the board, its editor and the publisher. It is separate from the newsroom and the Op-Ed section.

A giant tractor and a pocket-size Phone have something important in common: The cost of repairing either one is too high.

The two companies, and many of their peers, use a variety of aggressive tactics, including electronic locks and restrictive warranties, to push customers with broken equipment to seek help from their authorized repair facilities — or to give up and buy a replacement.

It Shouldn't Cost the Farm to Fix a Tractor

New ones require software that only authorized dealers are allowed to use.

By Kevin O'Reilly

March 23, 2021 6:17 pm ET

SAVE PRINT TEXT

376

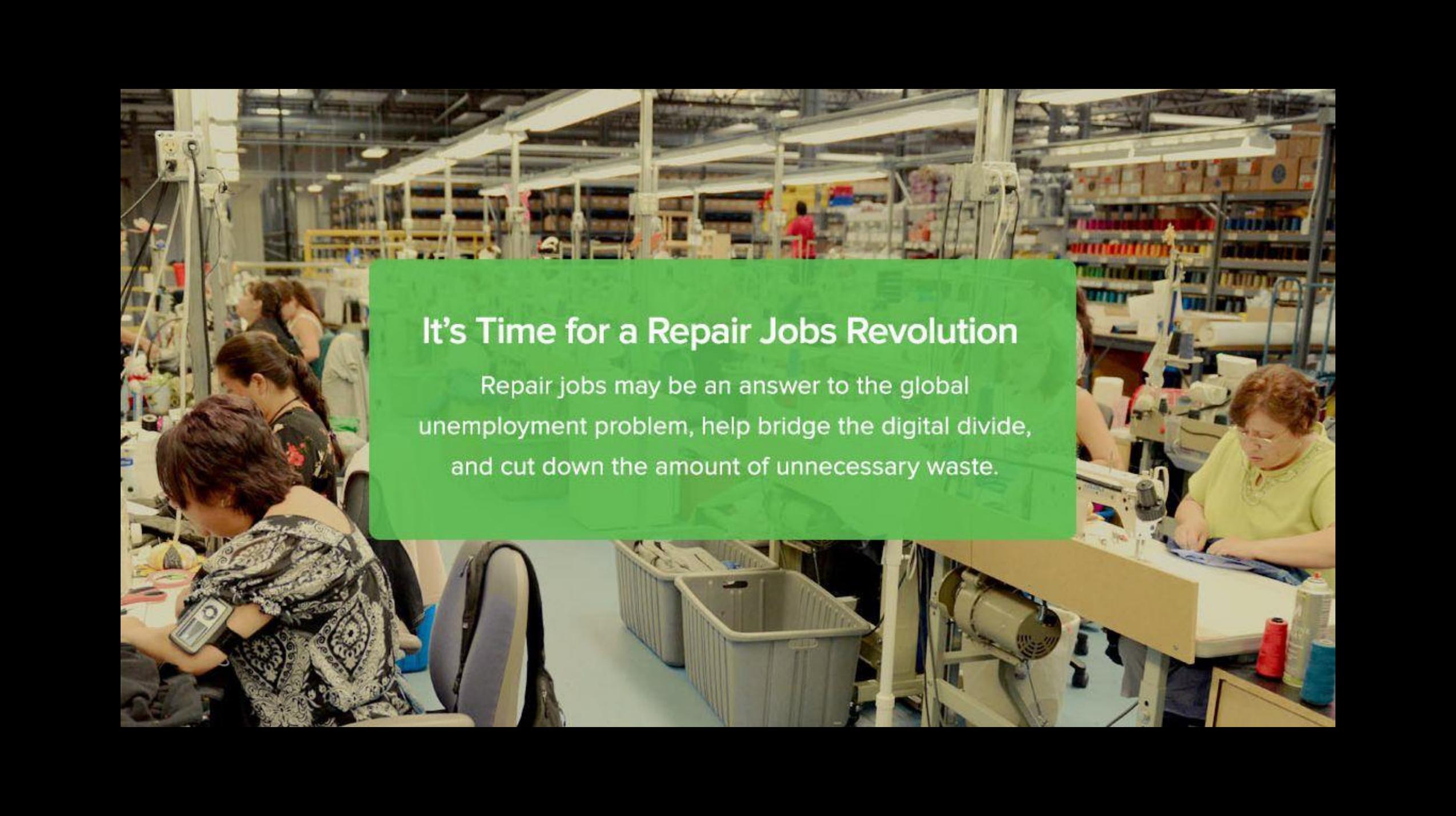


MOST POPULAR

1. Melinda Gates Divorce Lawsuit 2019
2. Catholic Schools Losing Students Record Rates
3. Breakout Countries Energize U.S. Economic Growth
4. The Mortgage Fading
5. Consumers' Pinch as Prices Rise

MOST POPULAR

 **repair.org**

A photograph of a busy garment factory. In the foreground, a woman with dark hair is seated at a sewing machine, focused on her work. She is wearing a patterned top. To her right, another woman with short brown hair and glasses is also working at a sewing machine, wearing a light green top. The background shows a long, well-lit factory floor with many other workers at their stations. Shelves with spools of thread and various materials are visible. The overall atmosphere is one of industriousness and production.

It's Time for a Repair Jobs Revolution

Repair jobs may be an answer to the global unemployment problem, help bridge the digital divide, and cut down the amount of unnecessary waste.

Minnesota: Amanda Lagrange







Kevin Purdy
kevin@ifixit.com

Sustainable Technology

Reuse



**FREE
GEEK**

Amber Schmidt

Free Geek - Who are we?

Founded on Earth Day 2000

We divert technology that would otherwise be recycled or thrown away, refurbish and repair it, and give it back to the community at low or no cost!



Mission

Free Geek's mission is to sustainably reuse technology, enable digital access, and provide education to create a community that empowers people to realize their potential.

Impact:

2020

- 5945 laptops, desktops, tablets, and phones refurbished
- 795 computers given (free!) back to community members through one of our programs

2021 (so far...)

- 4578 laptops, desktops, tablets and phones refurbished
 - 982 computers given (free!) back to community members through one of our programs
- 

Digital Inclusion

Digital inclusion ensures that individuals have **access** to, and **skills** to use technology in a way that allows them to participate in today's digital society.



Welcome to Computers

Established in 2016, WtC is a 5-week culturally-specific digital literacy curriculum. Operating in cohorts of 10 people, primarily elderly and immigrant populations who have little to no experience with computers. Classes are offered in English, Spanish, Karen, Somali and Russian.

As of May 2019, we provided 250 individuals education and computers through this program. 86% of participants are women, 87% are people of color, 88% have a household income below \$30,000 per year, and 70% of participants speak a language other than English.



Hardware Grants

Our Hardware Grants program provides qualifying organizations with refurbished tech either for their own infrastructure or for pass-through grants to community member they serve.

- 36.2% - Education
 - 21.6% - Human Services
 - 13.6% - Community Development
 - 9% - Arts & Culture
 - 5.5% - Health
- Black Resilience Fund Mutual Aid
 - Roosevelt High School and Mount Hood Community College
 - Rehabilitation & Athletic Performance Intersecting Disability
 - Native American Youth and Family Center
 - HAKI Community Organization
 - Unite Oregon/Center for Intercultural Organizing
 - Fossil Public Library
 - Corvallis Environmental Center - 182 computers



Plug into Portland

Plug into Portland was founded in 2014 as a partnership between Portland Public Schools and expanded in 2017 to include other Metro-area school districts, including Vancouver, WA. This program serves specifically K-12 students in these areas.

- 3rd, 6th, and 9th grades are most impacted
- 96% of students have access to the internet, not all have access to technology to use it.
- 64.7% report household income less than \$30,000/year
- 18.7% report household income between \$30,000-\$50,000
- 40.5% White
- 29.1% Black/African American
- 17.3% Hispanic or Latinx
- 8.1% Asian
- Participants speak 28 languages collectively



In 2020 we provided 275 free refurbished computers to students in our community - complete with a full year of free Tech Support



Affordable Tech Program

In March of 2020, we began partnering with organizations looking to fill technology needs at an affordable price.

- 793 machines were provided to partners through this program in 2020
- 458 machines have been provided so far in 2021
- Partnerships included:
 - Portland State
 - Oregon Employment Department
 - Chicktech
- 496 of those machines went specifically to SNAP Program Participants



Reuse & Repair Demand & Challenges

Demand

2016-2017: 98% increase in machines sold and disbursed

2018-2019: 56% increase in machines sold and disbursed

Just our Plug into Portland program saw a 58% increase from 2019-2020

COVID times: We currently have over 500 individuals and organizations asking us for 1 or more computer for **just one** of our programs - We do not have the repairable stock to fill those requests.

We expect this type of increase in demand to continue beyond COVID, especially with the rapidly changing landscape of technology and learning.

Challenges

- Consumer grade machines are typically difficult to refurbish
- Lack of ability to find/purchase parts to repair devices
- Cost to refurbish and repair
- Adhesive
- Some devices are simply manufactured to be unrepairable/un-reusable

What makes a device unrepairable?

- FaceID/biometric security/Home button calibration
 - Specialized tools/technology to reset the device
- Adhesive/Glue
- T2 chips and Activation Locks
- Short EOLs (Chrome devices)
- Cost (repair time, parts, re-testing)
- Integrated components (soldered onto motherboard)
- Bonus! Common parts put in silly places.

Free Geek's Role

Our interest is in making sure we can provide as many devices to folks in need as possible, prioritizing reuse and repair over alternatives.

We have testified on several occasions in both Oregon and Washington State.

68% of devices we receive we are unable to reuse.

Half of that percentage is due to lack of ability to find parts, lack of access to specialized tool, etc

We advocate for people the people we serve, for getting them access to the abundance of digital resources.



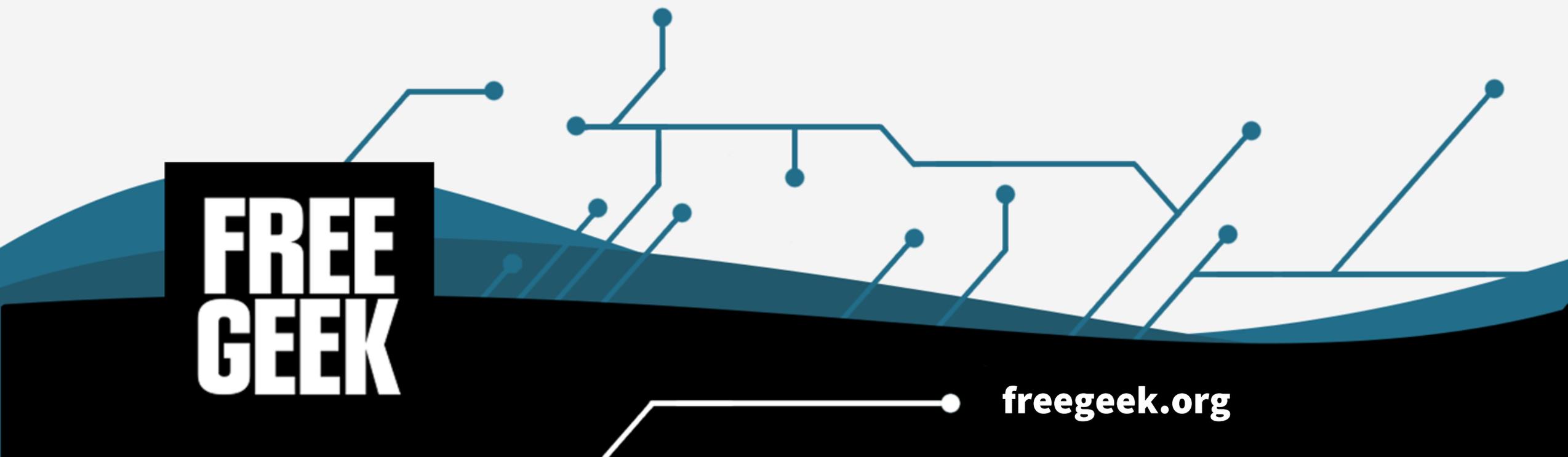
Thank you!

Amber Schmidt
Manager of Technology Refurbishment & IT
amber.schmidt@freegeek.org

Resources:

<https://www.epa.gov/facts-and-figures-about-materials-waste-and-recycling/national-overview-facts-and-figures-materials>

<https://www.pewresearch.org/fact-tank/2021/06/22/digital-divide-persists-even-as-americans-with-lower-incomes-make-gains-in-tech-adoption/>

The image features a decorative background of blue and black wavy shapes with white circuit-like lines and dots. In the bottom left, the words "FREE GEEK" are written in a bold, white, sans-serif font on a black rectangular background. In the bottom right, the website "freegeek.org" is written in a white, sans-serif font, with a white dot and line leading to it from the left.

**FREE
GEEK**

[freegeek.org](https://www.freegeek.org)



RIGHT
- TO -
REPAIR

Right to Repair = the right to:



Fix our own things or choose which service shop to use



Manuals and diagnostic tools the dealers use

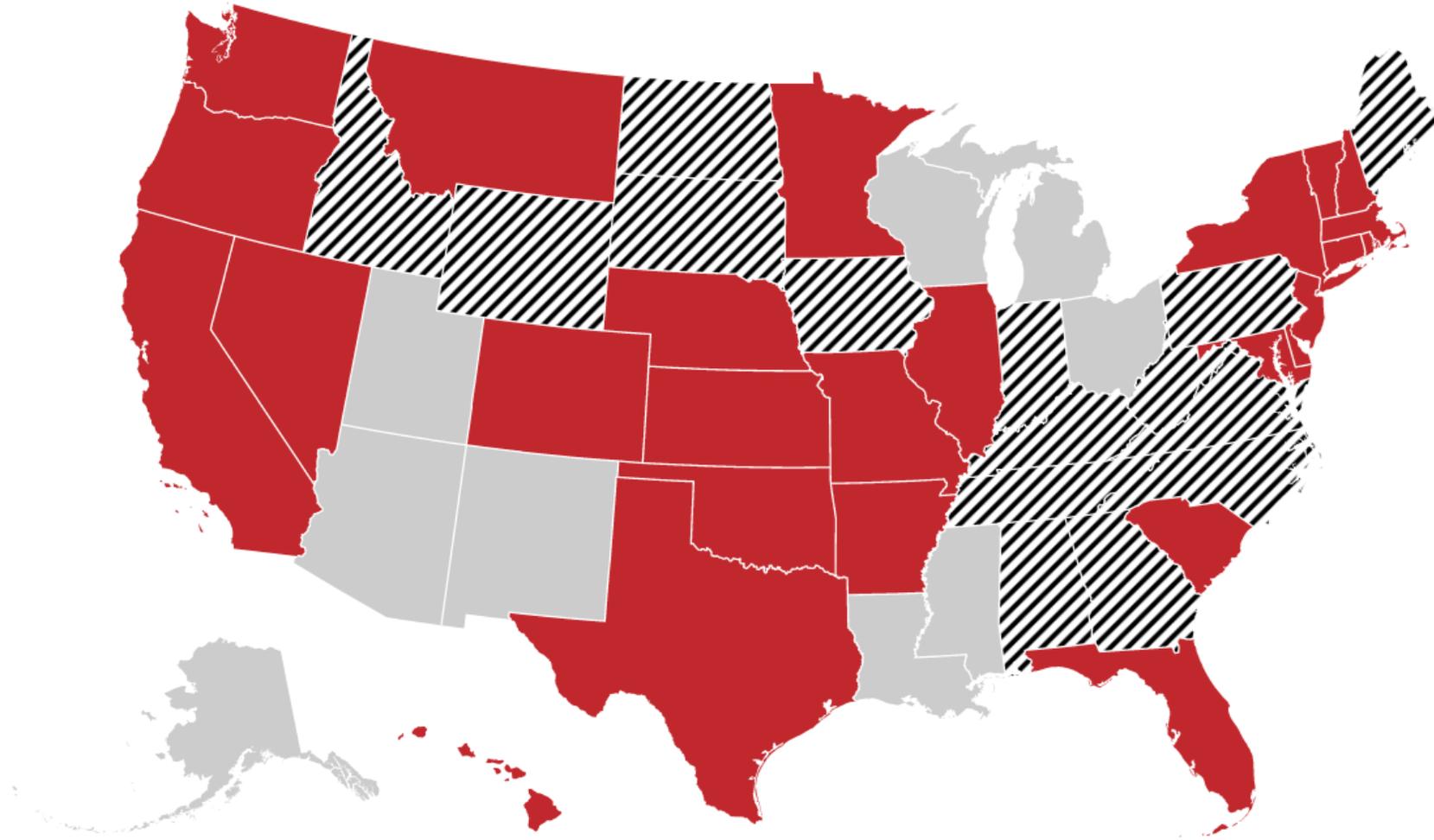


Unlock and jailbreak the software on our devices

■ Active Right to Repair Bill - 2021

▨ Right to Repair Bill Introduced Historical

■ No Right to Repair





Massachusetts "Right to Repair" Initiative, Question 1 (2012)

The **Massachusetts "Right to Repair" Initiative**, also known as **Question 1**, was on the [November 6, 2012 general election ballot](#) in the state of [Massachusetts](#) as an [initiated state statute](#), where it was **approved**. The measure, originally filed four times with the [Massachusetts Attorney General](#), was filed by Arthur W. Kinsman, and was assigned initiative numbers [11-17](#). The proposal required automobile manufacturers to provide non-proprietary diagnostic directly to consumers and also the safety information needed to repair their cars.^{[1][2]}

According to reports, on the last day of session, a [legislative compromise](#) was confirmed. Although the compromise was enacted, Question 1 remained on the ballot. The measure became a law as well when voters approved it.^[3]

Question 1



Type [State statute](#)
Origin [Right to Repair Coalition](#)
Topic [Business regulation](#)
Status

Election results

See also: [2012 ballot measure election results](#)

The following are **official** election results:

Massachusetts Question 1		
Result	Votes	Percentage
Yes	2,353,603	87.7%
No	392,562	12.3%

Results via [the Massachusetts Secretary of State](#).

Massachusetts Question 1, "Right to Repair Law" Vehicle Data Access Requirement Initiative (2020)

Massachusetts Question 1, the "**Right to Repair Law**" **Vehicle Data Access Requirement Initiative** was on the [ballot](#) in [Massachusetts](#) as an [indirect initiated state statute](#) on [November 3, 2020](#). It was **approved**.

A "**yes**" vote [supported](#) requiring manufacturers that sell vehicles with telematics systems in Massachusetts to equip them with a standardized open data platform beginning with model year 2022 that vehicle owners and independent repair facilities may access to retrieve mechanical data and run diagnostics through a mobile-based application.

A "**no**" vote [opposed](#) requiring vehicles beginning with model year 2022 to be equipped with a standardized open data platform that vehicle owners and independent repair facilities may access to retrieve mechanical data and run diagnostics through a mobile-based application, thereby maintaining that vehicle owners and independent repair facilities may access mechanical and diagnostic data through a personal computer.

Election results

Massachusetts Question 1		
Result	Votes	Percentage
✔ Yes	2,599,182	74.97%
No	867,674	25.03%

Results are officially [certified](#).

[Source](#) 

Massachusetts Question 1



Election date
November 3, 2020

Topic
[Business regulation](#) and
[Transportation](#)

Status
✔ *Approved*

Type **Origin**
[State statute](#) [Citizens](#)

List of Massachusetts measures 

Submit



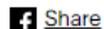
National Right-to-Repair Bill Filed in Congress

The Fair Repair act would make it easier for everyone in America to fix their own stuff.



By [Matthew Gault](#)

June 17, 2021, 8:58am



Share



Tweet



Snap

On Thursday, Congressman Joseph Morelle (D-NY) filed national right-to-repair legislation with Congress. The Fair Repair Act would require manufacturers to provide device owners and independent repair stores access to the tools, parts, and information they need to fix electronics. If it passed, people could fix their own stuff without having to return their stuff without going through the people who made it. Farmers could fix their own tractors and we could all more easily fix our own phones.



State of Repair is Motherboard's exploration of DIY culture, device repair, ownership, and the forces fighting to lock down access to the things you own.

[SEE MORE →](#)

Thus far, the overwhelming majority of right-to-repair legislation has been introduced at the state level; national legislation would obviously make implementation easier, because it would prevent different states from having different laws about electronics that all Americans own.

Tammie Jo Shults, who calmly landed Southwest Flight 1380, broke barriers as a fighter pilot



Attention women: Your choice of blood pressure medicine may affect your risk of pancreatic...



East Bay fault is 'tectonic bomb,' more data from Andreas, new study

BUSINESS

LA TIMES

Those stickers warning that repairs will void your warranty are nonsense, FTC says



By WASHINGTON POST
APR 11, 2018 | 8:45 AM





FTC 
@FTC



If you're told that your warranty was voided or that it will be voided because of independent repair, we want to hear about it. Report it to the FTC at [ReportFraud.ftc.gov](https://www.ftc.gov/ReportFraud).

HOW DO REPAIR RESTRICTIONS AFFECT CONSUMERS + SMALL BUSINESSES?

Christine Wilson
COMMISSIONER, FTC

MAGNUSON MOSS WARRANTY ACT

Claire Wack
FTC

Jennifer Larson
CEO, VIBRANT TECHNOLOGIES

PRODUCT DEFECTS - CAN ONLY FIX WITH PURCHASE OF A CONTRACT

HIGH REPLACEMENT COSTS

HUGE CHASSIS GOING INTO LANDFILLS

ACCESS TO RELIABLE PARTS IS A HURDLE

LOSS TO SMALL BUSINESSES

Theresa McDonough
OWNER, TECH MEDIC

DEVICES ARE COMPLETELY SEALED

BATTERIES ARE GLUED TO DEVICES

CONSUMERS WANT THINNER DEVICES

George Borlase
INST. FOR DEFENSE ANALYSIS, SCIENCE + TECH POLICY INST.

DO NO HARM

WHO SHOULD REPAIR WHAT AND WHEN?

WITH WHAT?

BY WHO?

EXponential AGE DEVICES COMING MORE COMPLEX

TIME IS AN ISSUE WITH WARRANTY REPAIRS

Wathan Proctor
DIRECTOR, U.S. PIRG

416,000 SMARTPHONES DISPOSED OF EVERY DAY

+ EPA STATISTIC

JOHN DEERE HAS MANY SOFTWARE LOCKS REPAIRS → MONOPOLIZED SALES → COMPETITIVE

1% CONSUMERS THROW AWAY SMARTPHONES

Nixing the Fix

A workshop on repair restrictions

JULY 16, 2019 · WASHINGTON DC

RIGHT TO REPAIR ≠ DESIGN CONSTRAINT

SELECT SAFER BATTERIES CAN BE REPLACED

Gary Gordon-Byrne
EXEC. DIR., THE REPAIR ASSOCIATION

REPAIRS ARE 50% OR MORE OF COST OF DEVICE

Christine Todaro
FTC

ARGUMENTS FOR + AGAINST REPAIR RESTRICTIONS

UNAUTHORIZED REPAIRS REMOVES ACCOUNTABILITY

Earl Crane
SEC. ADVISOR, SECURITY INNOVATION CENTER

NIST FOLLOW MIST STANDARDS & HELP CYBERSECURITY

WHAT'S THE FIX?

FEDERAL ISSUE

DESIGN CONSTRAINTS → HIGHER COSTS

Senator David Osborne
MINNESOTA

RIGHT TO REPAIR PASSED IN MASS. 86%

PHONES GO TO REUSE MARKET

WANT ACCESS TO GOOD PARTS

DIFFERENT PRODUCTS HAVE DIFFERENT HISTORIES

EXTENDED PRODUCER RESPONSIBILITY

George Kerchner
EXEC. DIR., THE RECHARGEABLE BATTERY ASSOC.

SAFETY CONCERNS WITH BATTERIES

BATTERY CELLS DESIGNED IN A SPECIFIC WAY AND REPAIRED IN A SPECIFIC WAY

> 600°C THERMAL RUNAWAY

Dan Salsburg
FTC

INDEPENDENT REPAIR INDUSTRY KEEPS MARKET COMPETITIVE

COMPETITION MAKES WORLD BETTER

Sarah Pierce
DIR., ASSOC. OF HOME APPLIANCE MANUFACTURERS

PRODUCT SAFETY IS TOP PRIORITY

Lois C. Greisman
FTC

DEMAND FOR REPAIR INSTRUCTIONS BY CONSUMERS

VALUE REPAIR

Gary McGraw
SECURITY RESEARCHER, SECURE REPAIR ONLY

THINK ABOUT SECURITY WHEN BUILDING PRODUCTS

DESIGN THINGS TO BE REPAIRABLE

CONSTRAINTS DOESN'T MEAN HIGHER COSTS

LOOKS SAME, BUT DIFFERENT

HANDING INFO TO CONSUMERS WILL NOT SOLVE SAFETY ISSUES

Senator Chris Pearson
VERMONT

> 90% REPAIRS FOR SMARTPHONES ARE SCREEN REPAIRS

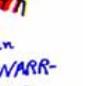
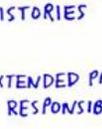
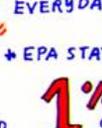
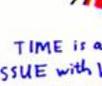
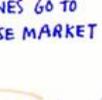
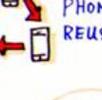
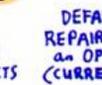
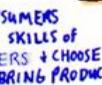
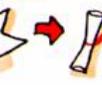
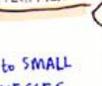
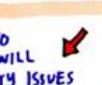
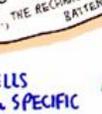
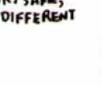
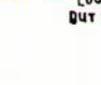
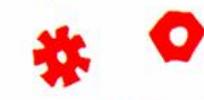
UP TO CONSUMERS TO DECIDE SKILLS OF REPAIRERS + CHOOSE WHERE TO BRING PRODUCTS

Kyle Wiens
CEO, iFIXIT

NEED LOTS OF REPAIRS

DEFAULT IS REPAIR IS NOT AN OPTION (CURRENTLY)

@FTC #NixTheFixFTC



Nixing the Fix: An FTC Report to Congress on Repair Restrictions



**FEDERAL TRADE
COMMISSION**

May 2021

FTC Report Finds Manufacturers' Repair Restrictions Unwarranted



Article by:
Kerry Sheehan
[@kerrymaeve](#)

May 6, 2021
Filed under: [Tech News](#)
[Comments](#)

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A just-issued [report](#) by the US Federal Trade Commission confirms that anti-repair actions by large companies are hurting small businesses, undermining your ownership rights, and hurting the planet. Of course, these are the very problems that we've been fighting for the past fifteen years—but it's validating to see US government confirmation of the market imbalance.



FTC Unanimously Approves Policy of Fighting Repair Restrictions



Article by:
Kerry Sheehan
[@kerrymaeve](#)

July 21, 2021
Filed under: [Right to Repair](#)
6 Comments

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Earlier this year, iFixit, [U.S. PIRG](#), and the [Repair Association](#) delivered [over 15,000 signatures](#) to the Federal Trade Commission, calling on the agency to take action to protect our right to fix our devices. Today the FTC took an important step towards protecting your Right to Repair, issuing a policy statement committing the Commission to



UNITED STATES OF AMERICA
Federal Trade Commission
WASHINGTON, D.C. 20580

**Policy Statement of the Federal Trade Commission
on Repair Restrictions Imposed by Manufacturers and Sellers**

In 2019, the Federal Trade Commission (“Commission”) called for public comment and empirical research on repair restrictions, which culminated in the Commission’s “Nixing the Fix” report to Congress.¹ The Commission is now issuing this policy statement regarding its enforcement policy with respect to repair restrictions.

Restricting consumers and businesses from choosing how they repair products can substantially increase the total cost of repairs, generate harmful electronic waste, and unnecessarily increase wait times for repairs. In contrast, providing more choice in repairs can lead to lower costs, reduce e-waste by extending the useful lifespan of products, enable more timely repairs, and provide economic opportunities for entrepreneurs and local businesses.



Landmark Biden Order Urges Action Against Repair Restrictions, Including by Phone Makers



Article by:
Kevin Purdy
[@kpifixit](#)

July 9, 2021
Filed under: Tech News
3 Comments

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As part of a sweeping executive order to fix unfair markets, President Joe Biden today told the Federal Trade Commission to issue rules against “anticompetitive restrictions on using independent repair shops or doing DIY repairs.” It’s a landmark day for the Right to Repair.

Before I Can Fix This Tractor, We Have to Fix Copyright Law

BY KYLE WIENS

JAN 13, 2016 • 8:57 AM



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Electric goods 'should have repairability rating'

By Justin Parkinson
Political reporter, BBC News

🕒 3 days ago



The government must look at forcing manufacturers to put "repairability" scores on electric devices, opposition parties have said.



INDICE DE RÉPARABILITÉ

Application field

Mandatory reparability index for all products on sale on 1 January 2021 in the following 5 categories:



All products on sale, not only new models!

Consumers Want Fixable Tech

On behalf of Samsung, OpinionWay investigated how the French reparability index has influenced consumer attitudes and behaviour since its introduction January 1, 2021.

Key findings:

- **83%** say that they try to repair or have repaired their faulty devices instead of replacing them immediately.
- **54%** of those try to fix it themselves or with help from friends/family.
- Only **29%** leave the repair to a professional service.
- **71%** of French have heard about the index.
- **80%** of >50 y/o, but only **52%** of 18-25 y/o have heard about it.
- **86%** say that the index impacts their purchasing behaviour.
- **80%** would even give up their favorite brand for a more repairable product.



Article by:
Kyle Wiens
[@kyle](#)

November 25, 2020
Filed under: [Right to Repair](#)
[Comments](#)

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In a landmark move, the European Parliament voted today to support consumers' Right to Repair. The resolution was adopted with 395 in favour and just 94 against, with 207 abstentions.

“By adopting this report, the European Parliament sent a clear message: harmonised mandatory labelling indicating durability and tackling premature obsolescence at EU level are the way forward,” said Rapporteur David Cormand, MEP from France.

The [vote](#) calls for the EU Commission to “develop and introduce mandatory labelling, to provide clear, immediately visible and easy-to-understand information to consumers on the estimated lifetime and reparability of a product at the time of purchase.”



Right to Repair

A draft report has been released

[+ Make a submission](#)

[What is an inquiry?](#)

Why the inquiry?

Issues paper

Draft report

Final report

Draft report release

The Commission now seeks further information and feedback following the release of a draft report on 11 June 2021.

The draft report assesses the case for a right to repair in Australia, with a focus on whether consumers face any unnecessary barriers to repair that require a government policy response.

Submissions are due by **Friday 23 July 2021**.

[Read the draft report](#)

Inquiry timeline

Dates will be added when known.

2020

29
OCT

Terms of reference



7
DEC

Issues paper



2021

1
FEB

Initial submissions due



11
JUN

Draft report



Submissions are due by Friday 23 July 2021



Liberal MP's private member's bill seeks to give consumers 'right to repair' their smart devices

Bryan May's bill would update the Copyright Act to prohibit the use of so-called technological protection measures, or digital locks, to block repairs of devices

Anja Karadeglija

Feb 24, 2021 • February 25, 2021 • 3 minute read • [Join the conversation](#)



Join the Repair Revolution!



- Call or write your state and federal representatives
<https://www.repair.org/stand-up>
- Report unfair repair restrictions and warranty fraud to the FTC <https://reportfraud.ftc.gov/>
- Join others in your community fighting for Right to Repair
 - <https://www.repair.org/>
 - <https://repair.eu/>
 - <https://www.canrepair.ca/>
- Participate in a Repair Café or Fixit Clinic near you
 - <https://www.repaircafeusa.org/>
 - <https://fixitclinic.blogspot.com/p/scheduled-events.html>
- Write or improve a repair guide
 - <https://www.ifixit.com/Contribute>
- Buy more repairable products
 - <https://www.ifixit.com/Right-to-Repair/Repairable-Products>



Links for More Information

<https://www.ifixit.com/Right-to-Repair/Intro>

<https://www.freegeek.org/our-programs>

<https://www.oregon.gov/deq/filterdocs/wprbackgroundpaperf.pdf> (Appendix F)

<https://www.repair.org/>

<https://uspig.org/feature/usp/right-repair>

<https://www.techrepublic.com/article/the-digital-divide-not-everyone-has-the-same-access-to-technology/>



West Coast Climate
& Materials Management Forum

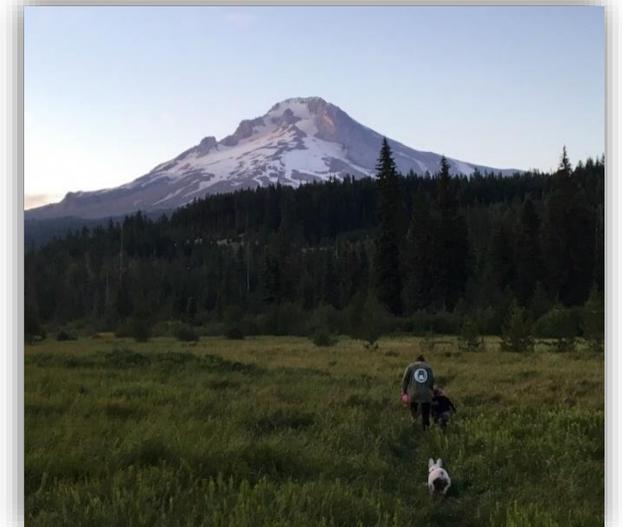
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Marie Diodati, Grant coordinator, Oregon DEQ, Marie-Helene.Diodati@deq.state.or.us and 503-875-9649



THANK YOU!

Please fill out the survey you receive after the webinar.

For more information, visit www.westcoastclimateforum.com



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