

# "End Of 10"! Coordinating a Windows 10-to-Linux campaign across FOSS communities worldwide



 @be4foss@floss.social

Linux App Summit  
25 April 2025



<https://invent.kde.org/teams/eco/opt-green/> under "conferences/talks/"

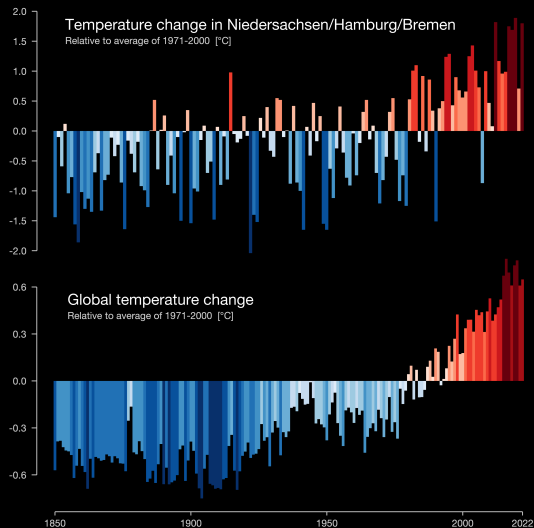


## Why This Matters – A Recap



Comic from KC Green (used here with permission): <https://thenib.com/this-is-not-fine/>

# 2023 – December (37C3)







The Guardian

**The Observer**  
Climate crisis

## 'Simply mind-boggling': world record temperature jump in **Antarctic** raises fears of catastrophe

An unprecedented leap of **38.5C** in the coldest place on Earth is a harbinger of a disaster for humans and the local ecosystem

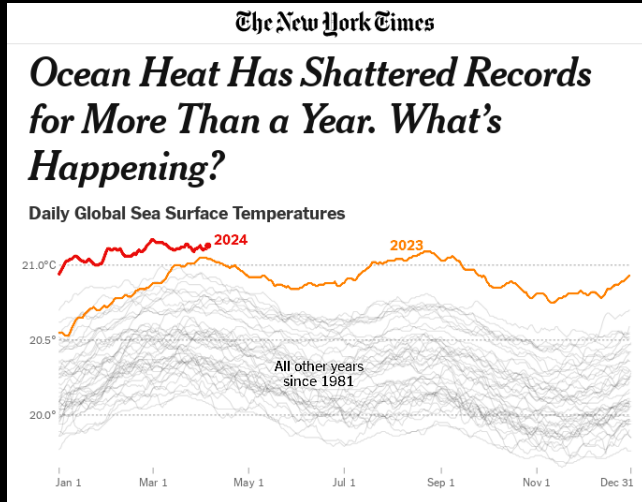


**Robin McKie**  
Science editor

Sat 6 Apr 2024 16.00  
CEST

Screenshot (modified) from:

[theguardian.com/environment/2024/apr/06/simply-mind-boggling-world-record-temperature-jump-in-antarctic-raises-fears-of-catastrophe](https://theguardian.com/environment/2024/apr/06/simply-mind-boggling-world-record-temperature-jump-in-antarctic-raises-fears-of-catastrophe)



Screenshot (modified) from :<https://www.nytimes.com/2024/04/10/climate/ocean-heat-records.html>



Screenshot (modified) from :<https://www.nytimes.com/2024/09/05/climate/2024-hottest-summer-on-record.html>

## 2025 – February (End Of 10 Sprint)



Screenshot (modified) from: <https://www.nytimes.com/2025/02/05/climate/earth-hottest-january.html>

Q SZ | Meine SZ | SZ Plus | Regierungsbildung | USA | Ukraine | Politik | Wirtschaft | Meinung | Panorama

Klima Marlene Weiß

## Heißester Sommer weltweit seit Beginn der Messungen

6. September 2024, 4:38 Uhr



Ein Bauarbeiter mit einem Gasbrenner beim Bau eines Mehrfamilienhauses vor der aufgehenden Sonne.  
(Foto: Julian Stratenschulte/dpa)

**Der Nordhalbkugel-Sommer 2024 war laut dem Klimadienst Copernicus global und in Europa der wärmste je erfasste. Auch in Deutschland war es zu warm.**

EDITION  IN ▾

THE TIMES OF INDIA

**February this year was warmest since record keeping commenced in 1901: IMD**

Vishwa Mohan / TNN / Feb 28, 2025, 22:26 IST



NEW DELHI: This year's February was the warmest February in India since record keeping commenced in the country in 1901 and the upcoming hot weather season during March-May in most parts of the country is likely to be warmer with reporting of more number of heatwave days during the period, the IMD said on Friday.

It was the second consecutive month of the year that

<https://timesofindia.indiatimes.com/india/february-this-year-was-warmest-since-record-keeping-commenced-in-1901-imd/articleshow/118633962.cms>

# March 2025: Earth's 3rd-warmest March on record



Screenshots (modified): <https://yaleclimateconnections.org/2025/04/march-2025-earths-3rd-warmest-march-on-record/>



Comic from KC Green (used here with permission): <https://thenib.com/this-is-not-fine/>



# 1856 – “The Receiver [...] Became Itself Much Heated”

“The highest effect of the sun’s rays I have found to be in [CO<sub>2</sub>]. The receiver containing the gas became itself **much heated** [...] and on being removed [from the sun] it was **many times as long in cooling**”.

Eunice Newton Foote, 1856

floss.social/deck/@be4foss/109987603351052830

## ART. XXXI.—Circumstances affecting the Heat of the Sun’s Rays; by EUNICE FOOTE.

(Read before the American Association, August 29d, 1856.)

My investigations have had for their object to determine the different circumstances that affect the thermal action of the rays of light that proceed from the sun.

Several results have been obtained.

First. The action increases with the density of the air, and is diminished as it becomes more rarified.

The experiments were made with an air-pump and two cylindrical receivers of the same size, about four inches in diameter and thirty in length. In each were placed two thermometers, and the air was exhausted from one and condensed in the other. After both had acquired the same temperature they were placed in the sun, side by side, and while the action of the sun’s rays rose to 110° in the condensed tube, it attained only 88° in the other. I had no means at hand of measuring the degree of condensation or rarefaction.

The observations taken once in two or three minutes, were as follows:

Rarefied Tube.		Condensed Tube.	
In shade.	In sun.	In shade.	In sun.
75	88	75	88
76	83	78	88
80	88	80	100
82	88	82	100
84	88	85	110

This circumstance must affect the power of the sun’s rays in different places, and contribute to produce their feeble action on the summits of lofty mountains.

Secondly. The action of the sun’s rays was found to be greater in moist than in dry air.

In one of the receivers the air was saturated with moisture—in the other it was dried by the use of chlorid of calcium.

Both were placed in the sun as before and the result was as follows:

Dry Air.		Damp Air.	
In shade.	In sun.	In shade.	In sun.
75	88	75	75
78	88	78	90
80	102	82	100
82	104	82	110
88	105	82	114
88	104	82	120

The high temperature of moist air has frequently been observed. Who has not experienced the burning heat of the sun that precedes a summer’s shower? The isothermal lines will, I think, be found to be much affected by the different degrees of moisture in different places.

Thirdly. The highest effect of the sun’s rays I have found to be in carbonic acid gas.

One of the receivers was filled with it, the other with common air, and the result was as follows:

In Common Air.		In Carbonic Acid Gas.	
In shade.	In sun.	In shade.	In sun.
80	90	80	90
81	94	84	100
80	99	84	110
81	100	88	120

The receiver containing the gas became itself much heated—very sensibly more so than the other—and on being removed, it was many times as long in cooling.

An atmosphere of that gas would give to our earth a high temperature; and if as some suppose, at one period of its history the air had mixed with it a larger proportion than at present, an increased temperature from its own action as well as from increased weight must have necessarily resulted.

On comparing the sun’s heat in different gases I found it to be in hydrogen gas, 104°; in common air, 100°; in oxygen gas, 108°; and in carbonic acid gas, 125°.

## ART. XXXII.—Review of a portion of the Geological Map of the United States and British Provinces by Jules Marcou,\* by WILLIAM P. BLAKE.

GEOLOGICAL maps of the United States published in Europe and widely circulated among European geologists, are necessarily regarded by us with no small degree of attention and curiosity. This is more especially true, when such maps embrace regions of which the geography has only recently been made known and the geology has never before been laid down on a map with any approach to accuracy.

The recent geological map and profile by M. J. Marcou, which has appeared in the *Annales des Mines* and in the *Bulletin de*

\* *Carte Géologique des États-Unis et des Provinces Anglaises de l’Amérique du Nord* par Jules Marcou. *Annales des Mines*, 2e Série, T. vii, p. 219. Published also with the following:

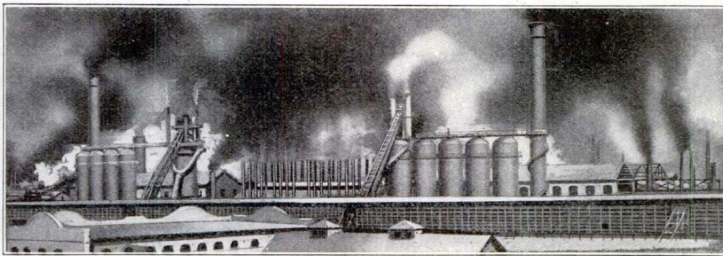
*Revue explicative d’une carte géologique des États-Unis et des provinces anglaises de l’Amérique du Nord, avec un profil géologique suivant de la vallée du Mississippi aux côtes du Pacifique, et une planche de faunes*, par M. Jules Marcou. *Bulletin de la Société Géologique de France*, Mai, 1868, p. 818.

## 1912 – CO2 A “Blanket For The Earth”

March, 1912

POPULAR MECHANICS

341



The furnaces of the world are now burning about 2,000,000,000 tons of coal a year. When this is burned, uniting with oxygen, it adds about 7,000,000,000 tons of carbon dioxide to the atmosphere yearly. This tends to make the air a more effective blanket for the earth and to raise its temperature. The effect may be considerable in a few centuries.

*[Adding CO<sub>2</sub>] tends to make the air a more **effective blanket** for the earth and to raise its temperature. This effect may be **considerable in a few centuries**.*

– Popular Mechanics, 1912

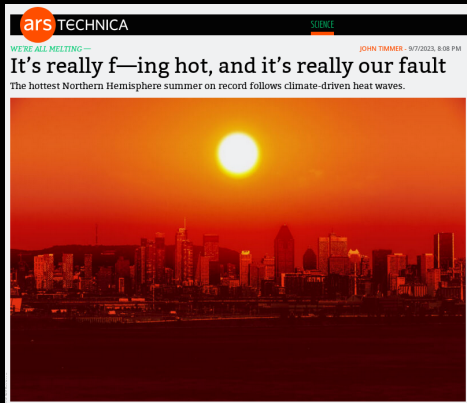
[https://commons.wikimedia.org/wiki/File:191203\\_Furnaces\\_of\\_the\\_world\\_-\\_Popular\\_Mechanics\\_-\\_Global\\_warming.jpg](https://commons.wikimedia.org/wiki/File:191203_Furnaces_of_the_world_-_Popular_Mechanics_-_Global_warming.jpg)

## Now Is Not The Time To Give Up



Comic from KC Green (used here with permission): <https://thenib.com/this-is-not-fine/>

# ... We Still Have Agency To Change Things



Screenshots (modified) from: <https://arstechnica.com/science/2023/09/yes-this-year-is-as-hot-as-you-think-it-is/>

<https://www.nytimes.com/interactive/2024/08/11/climate/earth-warming-climate-tipping-points.html>

## ...And “Every Little Bit Helps”

APOSTOLIC EXHORTATION

**LAUDATE DEUM**

OF THE HOLY FATHER  
FRANCIS

TO ALL PEOPLE OF GOOD WILL  
ON THE CLIMATE CRISIS

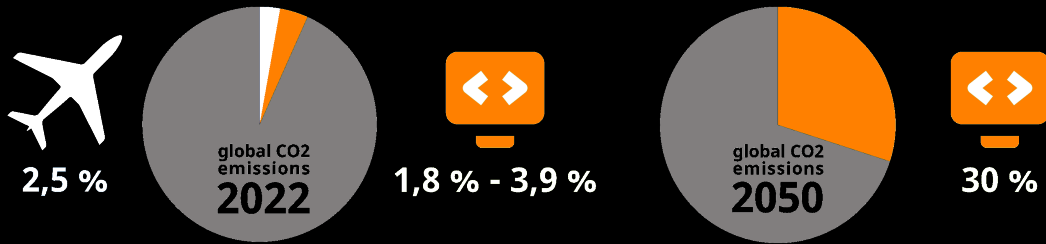
*“[E]very little bit helps, and **avoiding an increase of a tenth of a degree in the global temperature would already suffice to alleviate some suffering for many people.**”*

Pope Francis, Apostolic Exhortation, 4 Oct. 2023  
[https://www.vatican.va/content/francesco/en/apost\\_exhortations/documents/20231004-laudate-deum.html](https://www.vatican.va/content/francesco/en/apost_exhortations/documents/20231004-laudate-deum.html)

***The most environmentally-  
friendly device is \_\_\_\_\_  
\_\_\_\_\_!***

From: [https://invent.kde.org/teams/eco/opt-green/-/raw/master/materials/leaflets/EN/kde-eco-umweltfestival-flyer-EN\\_final.jpg](https://invent.kde.org/teams/eco/opt-green/-/raw/master/materials/leaflets/EN/kde-eco-umweltfestival-flyer-EN_final.jpg)

# Information and Communications Technology (ICT)



ACM Tech Brief (2021): <https://dl.acm.org/doi/pdf/10.1145/3483410>

## WORLDWIDE ICT ELECTRICITY CONSUMPTION 8 TO 9% OF TOTAL

FIGURES FROM 2019 ~8.5%

WORLDWIDE ELECTRICITY CONSUMPTION ~23500 TWH

DATA CENTRES	~ 200	TWH
NETWORKS: INTERNET & RAN	~ 250	TWH
END USERS	~ 550	TWH
MANUFACTURING OF ICT	~ 1000	TWH
ICT ELECTRICITY CONSUMPTION	~ 2000	TWH

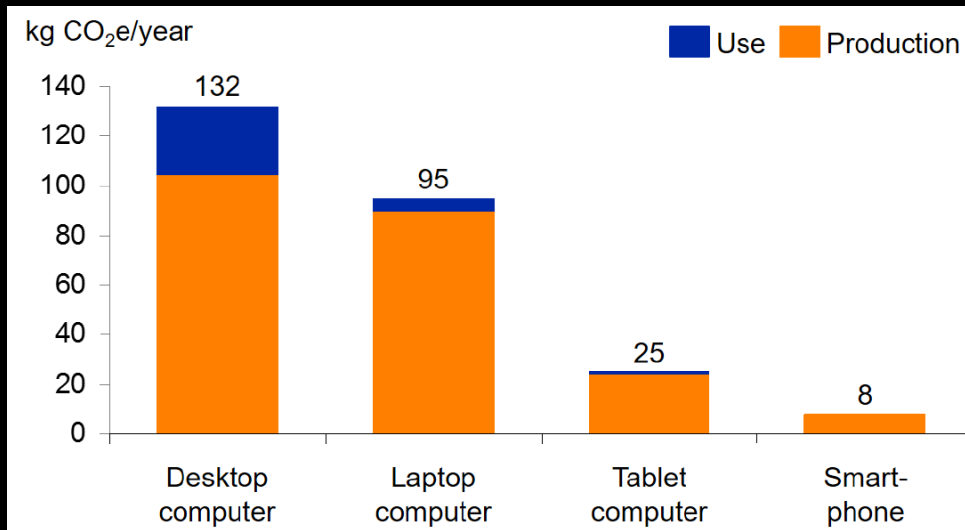
Table 1. Summary of the International Energy Agency's (IEA) estimates for the year 2019 of the electricity consumption (in terawatt-hours) worldwide by different sectors of ICT, namely data centers, networks including the radio access network and end users, and the manufacturing of ICT equipment, which represents roughly 50% of the total amount.

From: "Electricity Consumption by ICT: Facts, trends, and measurements" (2023, ACM):

<https://dl.acm.org/doi/pdf/10.1145/3613207>



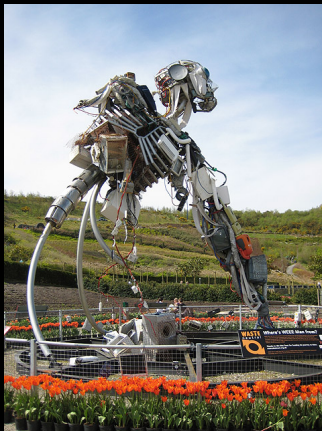
# Carbon Footprint by Device



From (modified): "Opportunities and Risks of Digitalization for Climate Protection in Switzerland" (2017):

# Waste Electrical and Electronic Equipment (WEEE)

“Tsunami Of W-Waste” – Achim Steiner, UNEP (2015)

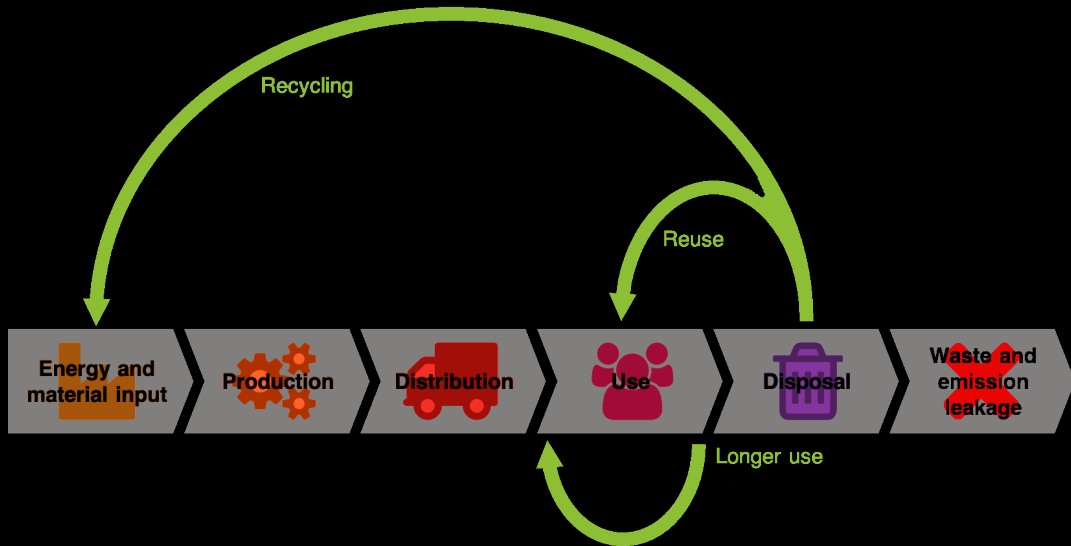


WEEE photo: Pauline Eccles (CC BY-SA 2.0): [https://en.wikipedia.org/wiki/File:WEEE\\_Man,\\_Eden\\_Project\\_-\\_geograph.org.uk\\_-\\_785381.jpg](https://en.wikipedia.org/wiki/File:WEEE_Man,_Eden_Project_-_geograph.org.uk_-_785381.jpg)

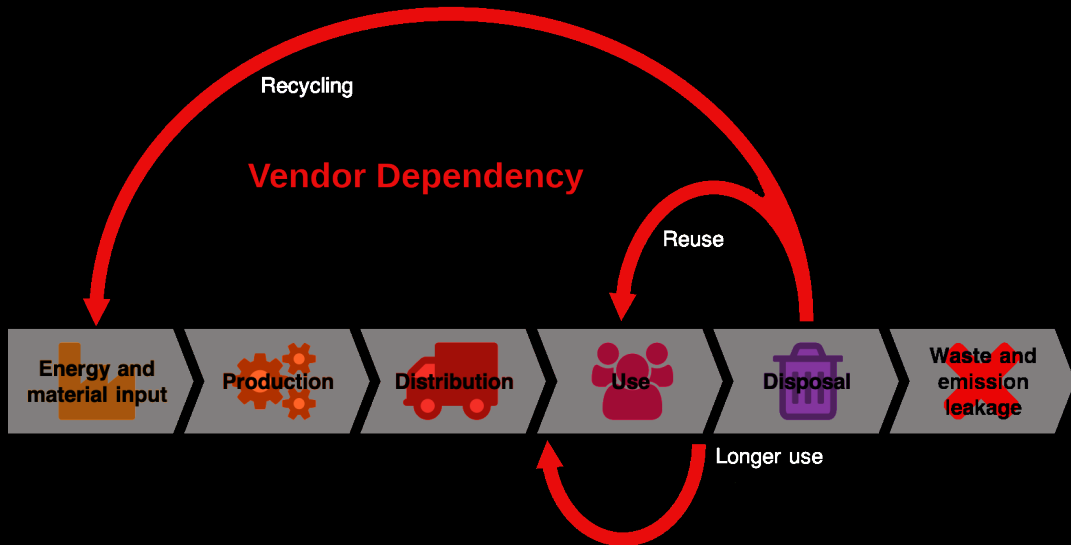
***The most environmentally-  
friendly device is \_\_\_\_\_  
\_\_\_\_\_!***

***The most environmentally-  
friendly device is the one  
you already own!***

# Autonomy & Transparency Interrupt The Linear Mode – By Design



# Proprietary Software

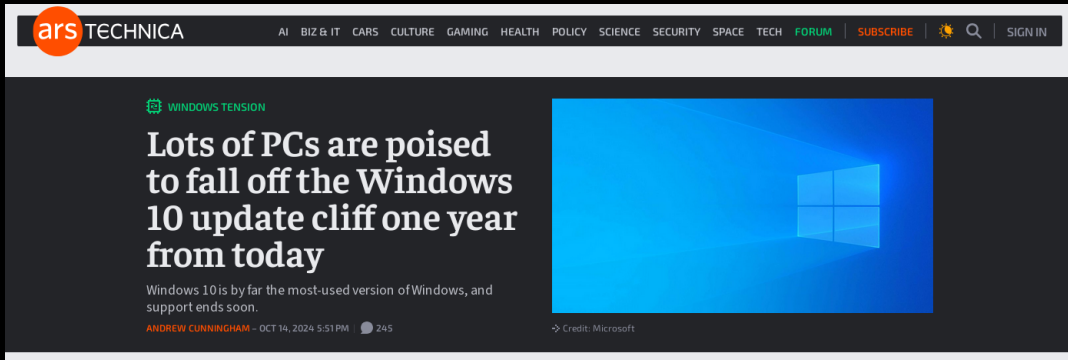


“End of 10” Campaign ([endof10.org](http://endof10.org)) – #EndOf10



**END OF 10**

# 14 October 2025 – Windows 10 End-of-Life (EoL)



From: <https://arstechnica.com/gadgets/2024/10/lots-of-pcs-are-poised-to-fall-off-the-windows-10-update-cliff-one-year-from-today/>



## 240 million PCs ineligible for Windows 11 could become e-waste from October 2025



Incompatibility with Windows 11 prevents partners and ITAD firms from refurbishing and reselling still-viable PCs



Donating unsupported devices to disadvantaged communities globally presents challenges for digital equity



Microsoft will offer Extended Security Updates for Windows 10 from 2025 until 2028, but at an undisclosed annual cost

From: <https://www.canalys.com/insights/end-of-windows-10-support-could-turn-240-million-pcs-into-e-waste>

# 14 October 2025 Is Also International E-Waste Day (WEEE Forum)



## International E-Waste Day

Join the e-waste hunt – retrieve, recycle and revive!



**The extent of the e-waste issue: 1.55 million trucks lined up on the Equator!**

From: <https://weee-forum.org/iewd-about/>

## ... And 14 October Is KDEs 29th Birthday

### KDE was announced

In 1996, Matthias Ettrich announced the creation of Kool Desktop Environment (KDE), a graphical interface for Unix systems, built with Qt and C++ and designed for the end user. The name "KDE" was a pun on the graphic environment CDE, which was proprietary at the time. Read [the original announcement](#) of the KDE Project.



Matthias  
Ettrich

From: <https://timeline.kde.org/>

We Are Organizing An END-USER Campaign (endof10.org)



# Our Message – GNU/Linux Is The Best Way!

To keep your device safely in use

## 5 Reasons

to upgrade your old computer to GNU/  
Linux

1

### It's waaaaay cheaper

A new laptop costs a lot of money. Repair cafes will often help you for free. Software updates are also free, forever. You can of course show your support for both with donations!

2

### No ads, no spying

Windows comes with lots of ads and spyware nowadays, slowing down your computer and increasing your energy bill.

3

### Good for the planet

Production of a computer accounts for 75+% of carbon emissions over its lifecycle. Keeping a functioning device longer is a hugely effective way to reduce emissions.

4

### Community support

If you have any issues with your computer, the local repair cafe and independent computer shop are there for you. You can often find community support in online forums, too.

5

### User control

You are in control of the software, not companies. Use your computer how you want, for as long as you want.

<https://endof10.org/>

## Our Strategy – In Three Steps

- 1 – Promote **EXISTING** support networks
- 2 – Get **ATTENTION** from organizations / media
- 3 – Build up **NEW** support networks

## Our Strategy (1) – Promote Existing LOCAL Support Networks

So new users **have help** getting started!



# Our Strategy (1) – Promote PLACES For Linux Support

## Repair-Café Oberhaching

📍 Raiffeisenallee 6, 82041 Oberhaching, Germany ([OpenStreetMap](#))

Mo-Do.: 9-14 Uhr CET/CEST

🔗 [Website](#)   📞 [089/15 92 38 37 10](tel:0891592383710)   ✉ [info@vhs-oberhaching.de](mailto:info@vhs-oberhaching.de)

🇩🇪 Vortrag: gebührenfrei / Linux-Installationsworkshop: 10 Euro

## Repaircafe Rinteln

📍 Ostertorstr.2, 31737 Rinteln, Germany ([OpenStreetMap](#))

jeden 1.Samstag im Monat, ausser im Juli+August von 15-18 Uhr

🔗 [Website](#)   ✉ [info@repaircafe-rinteln.de](mailto:info@repaircafe-rinteln.de)   🇩🇪 auf Spendenbasis

## Repair Café Furesø

📍 Galaksen, Bymidten 48, 3500 Værløse, Denmark ([OpenStreetMap](#))

Ca. en gang per måned. Se vores facebook for tidspunkter.

🔗 [Website](#)   ✉ [repaircafefuresoe@gmail.com](mailto:repaircafefuresoe@gmail.com)

<https://endof10.org/places/>



# Our Strategy (1) – Promote EVENTS To Install Linux

## Upcoming Events

Here is a list of events that can help you installing Linux on your device. You can also look in [places](#) who provide help more regularly.

### [FLISoL Uruguay](#) Spanish


 Fri, April 25, 2025 at 05:00 PM GMT (end: April 26, 2025 at 08:00 PM)

Festival Latinoamericano de Instalación de Software Libre

 Arenal Grande 1390, 11200 Montevideo, Uruguay ([OpenStreetMap](#))

 [Website](#)  Gratuito

### [FLISoL CABA](#) Spanish

 Sat, April 26, 2025 at 12:00 PM GMT (end: 09:00 PM)

Festival Latinoamericano de Instalación de Software Libre

 Av. Triunvirato 3174, C1427AAR Ciudad Autónoma de Buenos Aires, Argentina ([OpenStreetMap](#))

 [Website](#)  [flisol@osiux.com](mailto:flisol@osiux.com)  Gratuito  offline

<https://endof10.org/events/>

## Our Strategy (2) – Engage SUPPORTING Organizations

We want **LAS ORGANIZATIONS** listed on our website with many other organizations!



Based on LAS website/schedule: <https://conf.linuxappsummit.org/event/7/timetable/#all>

# Our Strategy (2) – Get ATTENTION From Users & Media



neue Software!

Der nachhaltigste Computer ist der, den du bereits besitzt

deine Hardware

## Unterstützung für Windows 10 endet am 14. Oktober 2025.

Hunderte Millionen Computer werden unnötigerweise zu Elektroschrott, während neue produziert werden. Über 75% der Treibhausgasemissionen für diese Geräte entstehen allein durch die Produktion.

## Rette deinen Computer!

Mach deinen Computer schneller mit effizienter Software und rette ihn vor der Müllhalde mit kostenloser, unabhängiger und freier Open-Source-Software.



Mehr hier:  
<https://go.kde.org/endof10>




Umwelt Bundesamt

Das Projekt Opt Green von KDE Eco wird gefördert durch das UBA und BMUV.

Image from KDE published under a CC-BY-SA-4.0. Design by Anita Sengupta.














## Our Strategy (3) – Build Up NEW Support Networks

## Example: Linux training for Repair Cafes in Germany




### Mehrgenerationenhaus // Hamburg

Der Termin beginnt um **14:00** und endet um **16:00** Uhr.




























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


### 10.04.2025 // ReparatierTreff Solingen Mitte // Solingen

Der Termin beginnt um **14:30** und endet um **18:00** Uhr.




























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### 10.04.2025 // Repaircafé in der NochMall // Berlin-Reinickendorf

Der Termin beginnt um **15:00** und endet um **19:30** Uhr.

Land	Anzahl Repair Cafés
Deutschland	124
Frankreich	120
Niederlande	10
Belgien	27
Lëtzebuerg	209
Česko	23
Österreich	212
Schweiz	101
Polen	88
Dänemark	78
Schweden	10
Andere Länder	50, 43, 63, 231, 120, 88, 29, 101, 212, 10, 124

Leaflet | Tiles courtesy of Humanitarian OSM Team. Map data by OSM

<https://www.reparatur-initiativen.de/>

# Good For The Environment, Good For Penguins

And Gnus and Geckos ... and Dragons



Screenshot (modified) from <https://arstechnica.com/gadgets/2024/03/linux-continues-growing-market-share-reaches-4-of-desktops/>

# We Want You – Add Your Organization As A Supporter On The Website

Your support will give more force to the campaign!



<https://carstenknoch.com/2013/08/homeland-surveillance/i-want-you-to-blow-the-whistle-in-defense-of-our-liberty-poster-unknown-provenance-via-reddit/>

# Our Plan – Two Rounds Of Outreach & A Press Release

For supporting organizations:

- **1st round** 27 April–11 May — outreach to **primary stakeholders**, with request for feedback on campaign
- **2nd round** 4–18 May — outreach to **general supporting organizations**, with 18 May deadline for inclusion in press release
- **Press release** 26 May (embargoed) — **official website launch** 28 May



<https://endof10.org/>



# Can We Promote Our OWN Work And Still Support The Campaign?

## Does distro-agnostic mean FOSS communities cannot promote their own work?

Individual FOSS communities are welcome to promote their own work in the context of the campaign, with two caveats: (i) it must be clear you are speaking **for your community** and not the campaign, and (ii) you **do not speak negatively** about the work of other communities.

<https://endof10.org/contribute/>

# Activities Ramping Up To 14 October

Websites / endof10 Website / Milestones / End Of 10 | Campaign Activities

Issues 19 Merge requests 0 Participants 2 Labels 0

Unstarted Issues 4 (open and unassigned)	Ongoing Issues 2 (open and assigned)	Completed 13 Issues (closed)
Brainstorming   Activities ramping up to 14 October #49	Dictionary for Normies 1 #24	Win2Linux Campaign: SFSCon BoF #40
Open a campaign-specific social media account #42	Feedback and Questions from Repair Initiatives 1 #23	Win2Linux Campaign: CCC BoF 1 #39
Design flyer for End Of 10 campaign #22		Win2Linux Campaign: FOSDEM BoF 1 #38
Brainstorming   End Of 10 social media campaigns #20		Win2Linux Campaign: Follow-up Online BoF in November #34
		Win2Linux Campaign: identify target

<https://invent.kde.org/websites/endof10-org/-/milestones/4>

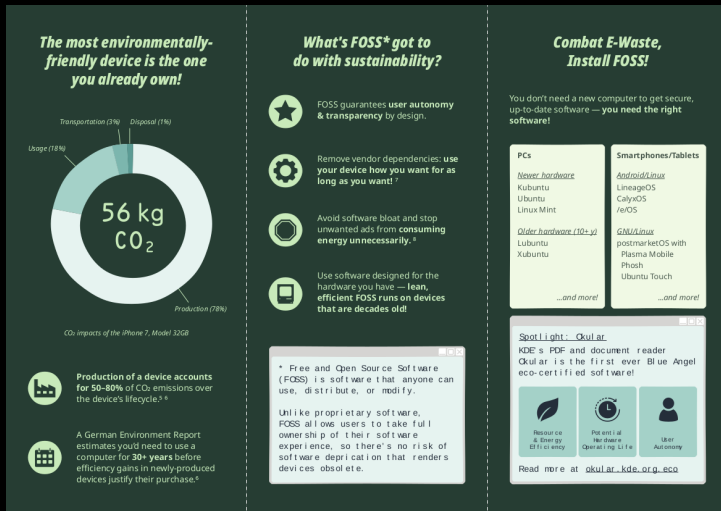
## Other Ways To Contribute! Contact Linux Groups In Your Hometown



<https://github.com/OpenLabsHackerspace/branding>

<https://rising.globalvoices.org/blog/2013/07/18/the-open-labs-community-in-albania/>

# Other Ways To Contribute! Translate & Distribute Materials



[https://invent.kde.org/teams/eco/opt-green/-/blob/master/materials/leaflets/EN/kde-eco-umweltfestival-flyer-EN\\_final.jpg](https://invent.kde.org/teams/eco/opt-green/-/blob/master/materials/leaflets/EN/kde-eco-umweltfestival-flyer-EN_final.jpg)

There Are Many Ways To Contribute (Matrix: [#win2linux:kde.org](#))

<https://endof10.org/contribute/>

### How can I get involved with the campaign?

There are many ways to get involved:

- Add repair cafes and independent computer shops offering GNU/Linux to our website
- Organize installation events
- Train volunteers at repair cafes in your area
- Design materials for new users like how-tos, promotional flyers, etc.
- Distribute materials in cafes, shops, universities, schools, and so on in your area
- Help with our online presence (social media promotion, website, etc.)
- Translate materials like the website, infoflyers, etc. (more below)
- Volunteer with FOSS communities participating in the campaign (improving documentation, software debugging, design)
- Your ideas!

Please contact us so we can coordinate your efforts with ours.

# Thanks To The Team For All Of The Work They Do

## Team behind End of 10

This campaign has been made possible by the enthusiastic contributions of the following people (listed in alphabetical order by last name):

- Tobias Bernard (GNOME Design Team)
- Joseph P. De Vaugh-Geiss (KDE Eco)
- Tobias Diekershoff (FSFE)
- Nico Düsing (Web Development)
- Bettina Louis (Outreach, Events, Lifelong learning)
- Carolina Silva Rode (Outreach Latin America)
- Nicole Teale (KDE's Opt Green)
- Gerardo Zamudio (Outreach)

<https://endof10.org/team/>

# Future Project – “i-Waste” Campaign



From: <https://arstechnica.com/gadgets/2023/07/with-macos-sonoma-intel-macs-are-still-getting-fewer-updates-than-they-used-to/>

# Future Project – FOSS In Schools



**KDE Eco**

@be4foss@floss.social

9th graders learn Linux for the environment!

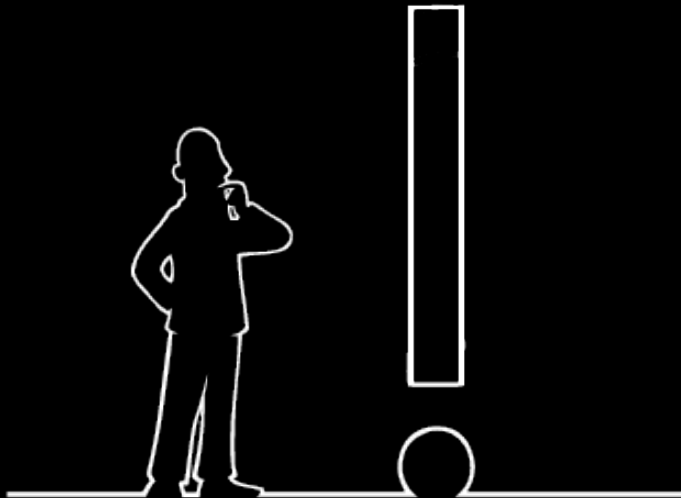
Last week in [#Hannover](#), [#KDEEco](#) joined Akademie der Spiele, an event for 200+ students with 20+ career/cultural workshops.

Students salvaged dozens of computers with [#OpenSource](#) [#FreeSoftware](#).

<https://floss.social/@be4foss/112999467563097293>




## Addendum – Sustainable Software



# Support Sustainable Software – Measure & Report Your Software!


[illegible]

Screenshot KEcoLab


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[Made by KDE](#)


# How is Okular Sustainable?



## Eco-Certification

Blue Angel certified for transparency in energy use, a longer hardware operating life, and user freedoms.


[Learn More](#)



## Energy Efficiency

Software efficiency determines the energy demands and operating life of digital infrastructure.


[Learn More](#)



## Transparency & Autonomy

A Free Software license makes for the efficient, long-term, and sustainable use of hardware.

[Learn More](#)




## Ethics & Privacy

The [four freedoms](#) are critical for an inclusive, equitable, and ecologically sustainable digitization.

[Learn More](#)

Medal by Ongcyon, Green Lamp by Stefania Servidio, User by Guru, Ethics by Ruben Hojo from Noun Project [CC BY 3.0]



[www.blauer-engel.de/uz215](http://www.blauer-engel.de/uz215)

- energy efficient
- save resources
- transparent interfaces

## Eco-Certification

Okular is proud to be the first computer software worldwide to have received the Blue Angel seal in 2022. Introduced in 1978, the Blue Angel is the first ever ecotag worldwide and the official environmental label of the German government. In 2020, the German Environment Agency (Umweltbundesamt) released the award criteria for desktop software with three main categories: (A) Resource & Energy Efficiency, (B) Potential Hardware Operating Life, and (C) User Autonomy. Software products that demonstrate compliance with these criteria enable longer and more efficient use of hardware.

Screenshot (design Anita Sengupta): <https://okular.kde.org/eco/>

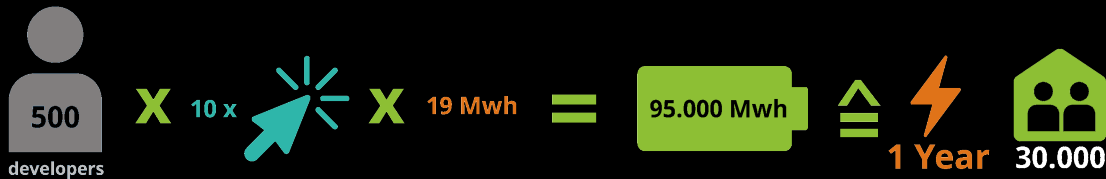
# Savings Scale Up

The diagram illustrates the scaling of savings. It starts with a grey chip icon containing a green circle with the text "-10 Ws". This is multiplied by a green 'X' and a teal person icon labeled "1.5 Mio users". This is then multiplied by another green 'X' and the fraction "20 x day". This is followed by an orange cursor icon pointing at a green circle with the fraction "230 x year". This is then multiplied by a green '=' and a green battery icon labeled "19 MWh".

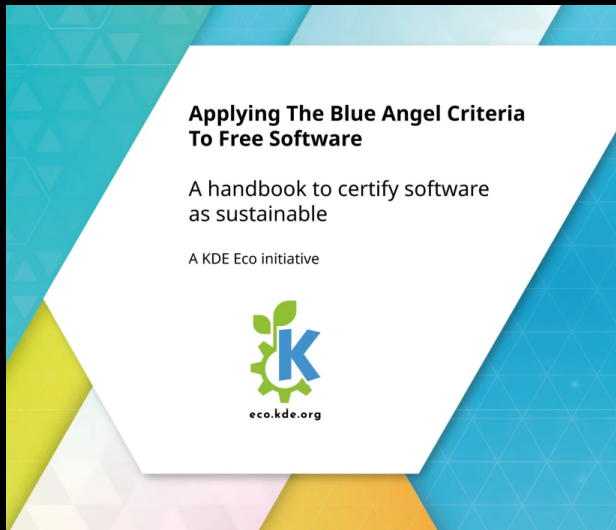
$$-10 \text{ Ws} \times 1.5 \text{ Mio users} \times \frac{20 \text{ x day}}{230 \text{ x year}} = 19 \text{ MWh}$$

Adapted from Detlef Thoms HPI course: <https://open.hpi.de/courses/cleanit2021/items/5DHsS3tJsXAqfUE4q4F82Z>

# Small Individual Changes = Huge Collective Savings

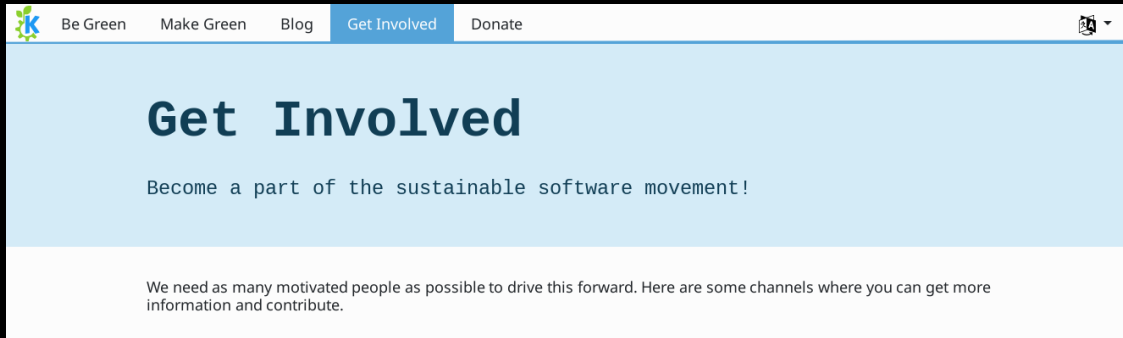


Adapted from Detlef Thoms HPI course: <https://open.hpi.de/courses/cleanit2021/items/5DHsS3tJsXAqfUE4q4F82Z>



Get Involved! Join KDE Eco

[eco.kde.org/get-involved/](https://eco.kde.org/get-involved/)



The screenshot shows the 'Get Involved' page of the KDE Eco website. The navigation bar at the top includes links for 'Be Green', 'Make Green', 'Blog', 'Get Involved' (which is highlighted), and 'Donate'. On the right side of the navigation bar is a user profile icon with a dropdown arrow. The main content area has a light blue background and features the heading 'Get Involved' in a large, bold, dark blue font. Below the heading is the text 'Become a part of the sustainable software movement!' in a smaller, dark blue font. At the bottom of the page, on a white background, is a paragraph: 'We need as many motivated people as possible to drive this forward. Here are some channels where you can get more information and contribute.'

Be Green   Make Green   Blog   **Get Involved**   Donate

# Get Involved

Become a part of the sustainable software movement!

We need as many motivated people as possible to drive this forward. Here are some channels where you can get more information and contribute.

# Today's Slides

<https://invent.kde.org/teams/eco/opt-green/conferences/talks/>



# Funding Notice

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The publisher is responsible for the content of this publication.