## *Civic Tech as Applied Digital Humanism*

"Civic technology, or civic tech, is the idea of using technology to enhance the relationship between people and government with software for communications, decision-making, service delivery, and political process."

"Digital technologies should be designed to promote democracy and inclusion." - Vienna Manifesto
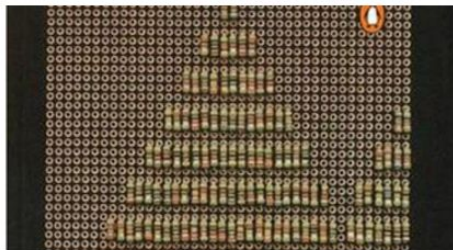
"Use public data - protect private data"

Wau Holland https://www.ccc.de/hackerethics
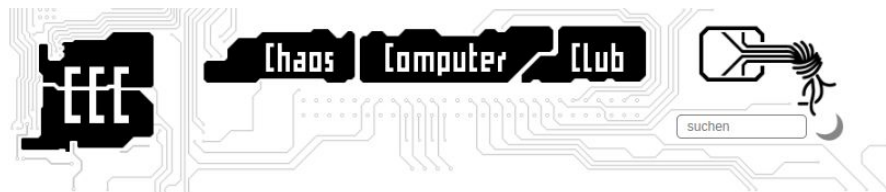
Hacker Ethics

What are the ethical principles of hacking - motivation and limits

- Access to computers - and anything which might teach you something about the way the world really works - should be unlimited and total. Always yield to the Hands-On Imperative!

- All information should be free.

- Mistrust authority - promote decentralization.

- Hackers should be judged by their acting, not bogus criteria such as degrees, age, race, or position.

- You can create art and beauty on a computer.

- Computers can change your life for the better.

- Don't litter other people's data.

- Make public data available, protect private data.

The hacker ethics were first written down by Steven Levy in his book "Hackers: Heroes of the Computer Revolution (ISBN 0-440-13405-6, 1984). He mentions the Tech Model Railroad Club at MIT, their members constructed a supersystem of relays and switches - some of

Civic Tech as Applied Digital Humanism

- Open Data
- Freedom of Information

-> transparency, trust

Open (Data) means

Open licenses
everyone can use, re-use and redistribute the data

Open, machine-readable formats (i.e. csv)

No discrimination
without login or other barriers to access

Pro-active & timely

Knowledge is open if anyone is free to access, use, modify, and share it — subject, at most, to measures that preserve provenance and openness.

Open Definition – http://opendefinition.org/od/2.1/

WIKIMEDIA
D E U T S C H L A N D

Who is using   open data?

KAL007 '83

Why Open Data?

Making decision transparent and accountable.

Understanding complex issues.

Foster innovation.

TEN PRINCIPLES FOR OPENING UP GOVERNMENT INFORMATION

From December 7 to December 8 in 2007, 30 open government advocates met in Sebastopol, California to discuss how government could open up government data for public use, including members of the Sunlight Foundation. Up until that point, United States agencies, governments and cities had made some data available to the public, but usually inconsistently and incompletely, which had whetted the advocates' appetites for more and better data.

The conference, led by Carl Malamud and Tim O'Reilly, hosted at O'Reilly Media, and funded by a grant from the Sunlight Foundation, resulted in eight open data principles that, if implemented, would empower the public's use of public data held by governments. Professor Larry Lessig, a member of Sunlight's advisory board, was present at the meeting and explained the values that the people present at the meeting agreed upon.

The Sunlight Foundation is a national, nonpartisan nonprofit organization that advocates for open government.

Larry Lessig on Open Government Data...

Watch later   Share

Five-Star Linked Open Data (2009)

Search Wikidata　　Search
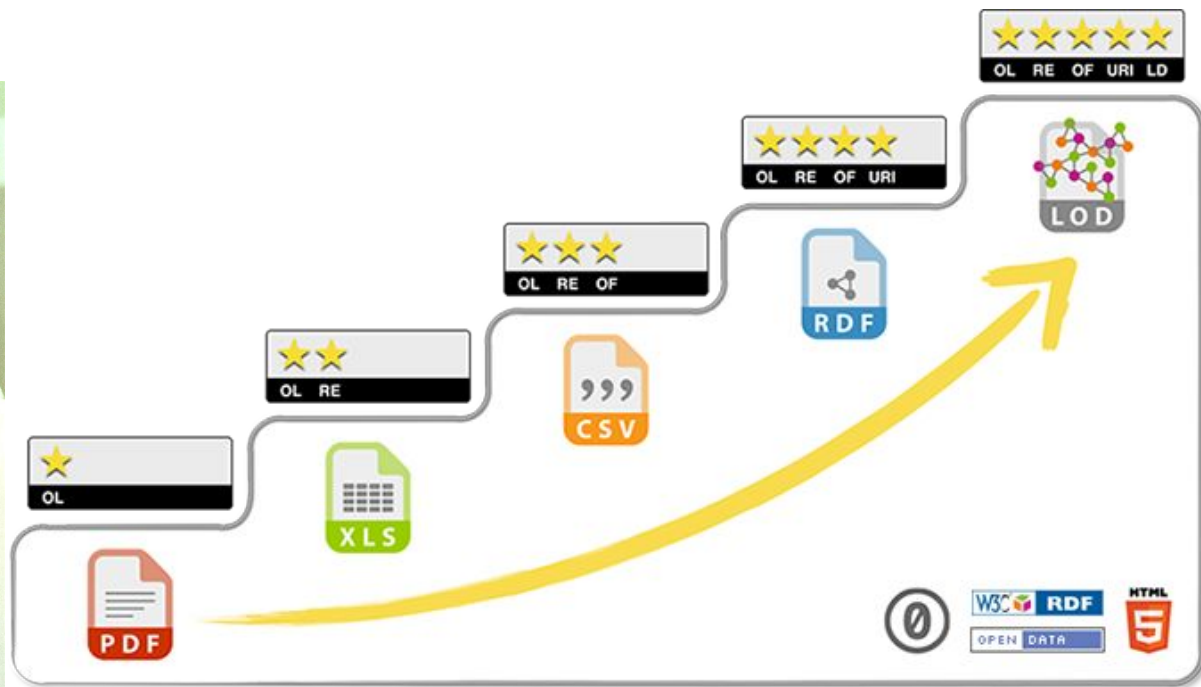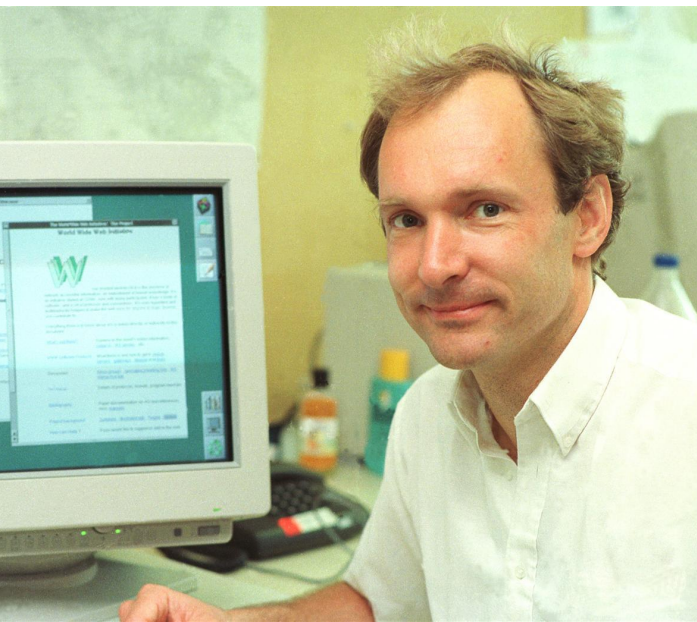
Main Page　Discussion

Read　View source　View history　Tools ⌄

open

collaborative

linked

free

multilingual

structured

Welcome to Wikidata

the free knowledge base with 118,860,421 data items that anyone can edit.

Introduction • Project Chat • Community Portal • Help

Want to help translate? Translate the missing messages.

▐▐▐▐ Welcome!

Wikidata is a free and open knowledge base that can be read and edited by both humans and machines.

Wikidata acts as central storage for the **structured data** of its Wikimedia sister projects including Wikipedia, Wikivoyage, Wiktionary, Wikisource, and others.

Wikidata also provides support to many other sites and services beyond just Wikimedia projects! The content of Wikidata is available under a free license, exported using standard formats, and can be interlinked to other open data sets on the linked data web.

▐▐▐▐ Learn about data

New to the wonderful world of data? Develop and improve your data literacy through content designed to get you up to speed and feeling comfortable with the fundamentals in no time.

EU wants Open Data

PSI-directive (2003) → Open-Data directive (2019) → High-Value Dataset (HVD) Implementing Regulation (2023), MMTIS regulation (1926/2017) …
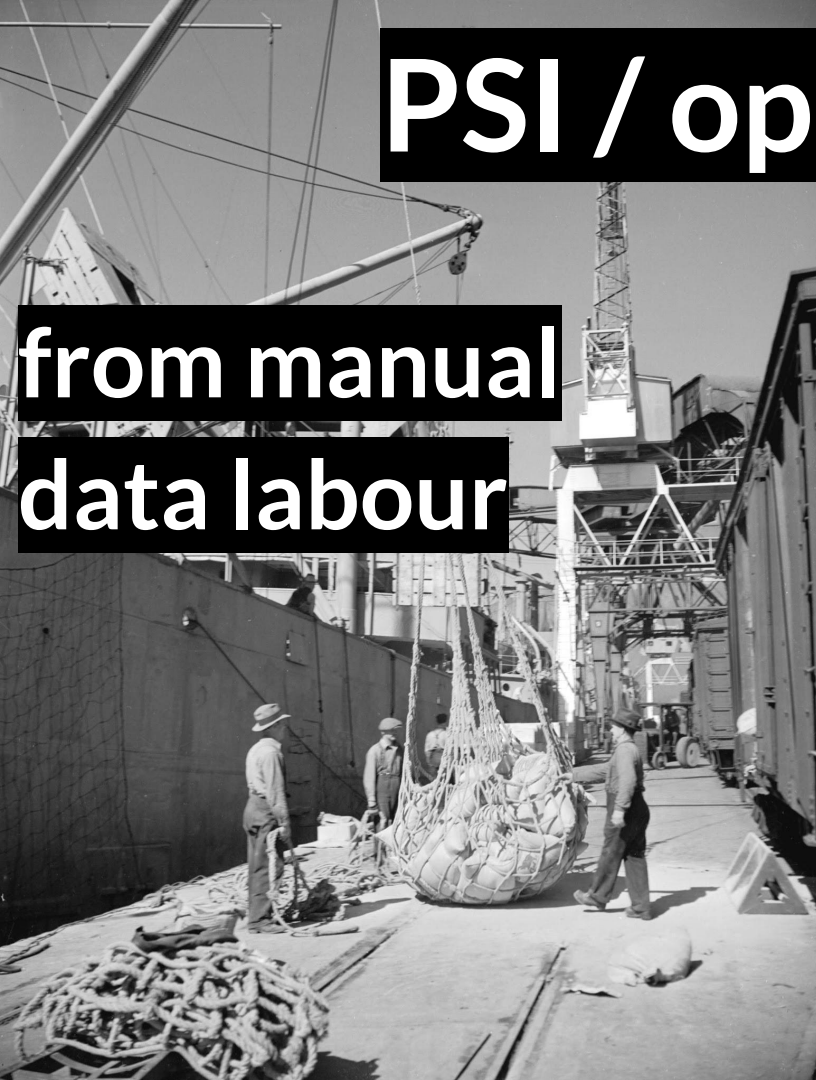
EU data strategy, DA, DMA, DSA, DGA

WIKIMEDIA
DEUTSCHLAND

PSI / open data directive

from manual data labour

to scalabe open data & standards for Europe

HSL HRT

Search

Type eg. 67 or travel card

- Front page
- Timetables and routes
- Tickets and fares
- Information

Journey Planner ›

From? – Street address or a place

To? – Street address or a place

Now   Other time

Search

A Sunday service to operate on Independence Day

On Independence Day 6 December, HSL's transport services will operate a Sunday service. President's Independence Day Reception and various procession will cause diversions to tram and bus routes in downtown Helsinki. On Tuesday 5 December, a Friday service will operate.

Read more ›

Transport services

BULLETINS

1 2 3 4 5 7 24 metro 05.12.2017 - 06.12.2017
Public transport on Independence Day 6 December and Tuesday 5 December ›

102 102T 103 103T 04.12.2017 →

News

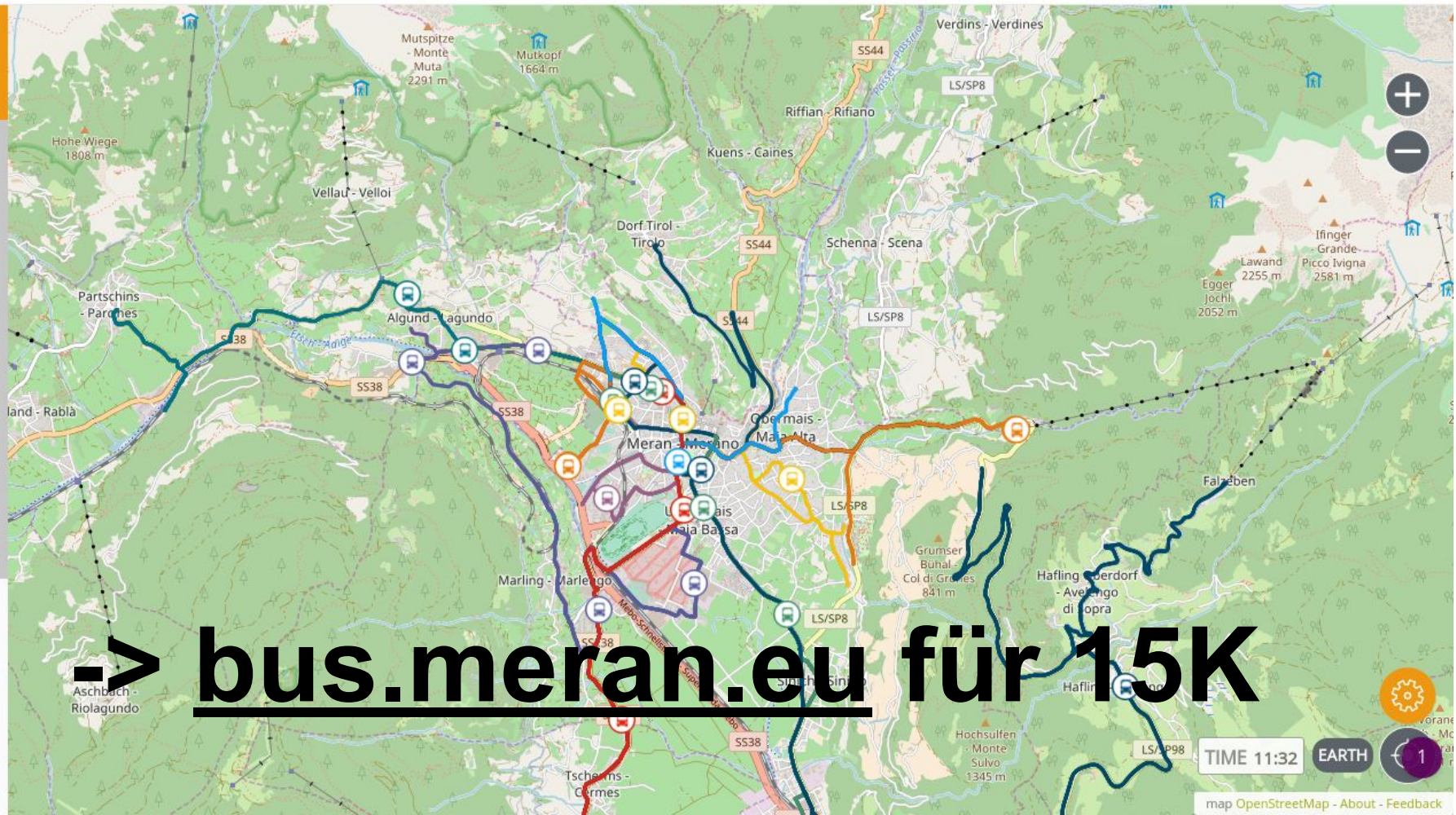|	
04.12.2017	Ticket sales on trams to end in February: Better reliability and faster services ›
29.11.2017	The old Journey Planner to be closed on 30 November 2017 ›
27.11.2017	HSL and Tallink enter into cooperation ›
21.11.2017	Passengers satisfied with ferry services to Suomenlinna ›

3

-> **<u>bus.meran.eu</u>** für 15K

Two Valuable Satellites Are in 'Perfect Health.' They May Be Scrapped.

The Trump administration wants to switch off and possibly destroy the climate-monitoring technology.

▶ Listen to this article · 8:19 min   Learn more

current trend

Infrastructure questions - Hamburg Hanse Report

1. Shift the Paradigm towards **Democratic Control of Data**: Advocate for a policy that defaults to making urban data accessible, requiring private data holders to share in the public interest.

2. Provide **Legal Clarity in a Dynamic Environment**: Address legal uncertainties by balancing privacy and confidentiality needs with the public interest in data accessibility, working collaboratively with relevant authorities at national and EU level.

3. Build a **Data Commons Repository of Use** cases: Streamline data sharing efforts by establishing a standardised use case repository with common technical frameworks, procedures, and contracts.

4. Set up an **Urban Data Intermediary for the Public Interest**: Institutionalise data sharing, by building urban data intermediaries to address complexities, following principles of public purpose, transparency, and accountability.

5. Learning from the Hamburg Experiment and **Scale it across Europe**: Embrace experimentation as a vital step, even if outcomes are uncertain, to adapt processes for future innovations. Experiments at the local level can inform policy and scale nationally and across Europe.

scale it,
scooter in the city

Long term infrastructure

time horizon / dependences / pain

150 years of water pipeline in Vienna

Where is the data pipeline?

TER PAYER / JOHANNES HLOCH

GEBIRGSWASSER FÜR DIE STADT

164

der Hygiene gewiss mehr als ³/₅ von Erkrankungen d
Bevölkerung Wiens zuzuschreiben kommen.

Es mag nach den Anschauungen eines Laien im ersten Momer
als ein hygienischer Terrorismus erscheinen, wenn die Aerzte dageg
Protest erheben, dass irgend ein gewinnsüchtiger Verkäufer ungesun
verdorbene Nahrung, finniges Fleisch, unreifes Obst, verfälschte Wei
sauer gewordenes Bier, schmutziges Eis aus dem stinkenden Wie
fluss an die Bevölkerung zu verkaufen versucht. Es mag sich in c
Augen manches wohlbehäbigen Hausherrn als unberufene Einmischu
in Privatverhältnisse erweisen, dass Aerzte ihre Stimme erheben geg
die Erbauung 13 Klafter hoher Häuser mit winzigen Lichthöfen, in
denen die Kloakenluft stagnirt und die angrenzenden Wohnungsräu
verpestet. — Ich gebe zu, dass es ein strebsamer Industrieller in eig

Open Data and Free Knowledge: Freely accessible, usable, modifiable, and disseminable for all, for any purpose.
Detailed in the Open Definition and the 10 Criteria of the Sunlight Foundation

Arguments for Open Data and Free Knowledge:
1. Transparency and freedom of information
2. Economic benefits
3**. (above all) open data as an indicator of successful digitalization and the successful modernization of one's own IT and knowledge infrastructures**

-> transparency, trust participation

flow of water

Discover more

European Commission

⊕ EN

Home | About us | Our priorities | News and media | Topics | Resources | Europe and you | State of the Union

Freedom of information

You can access and obtain documents directly online, through registers and databases, or by individual requests.

PAGE CONTENTS

Getting information

How to access documents

Track development of EU law-making

Funding recipients

Getting information

Under Article 15 of the Treaty on the Functioning of the European Union, citizens and residents of EU countries have a right of access to the documents of the European Parliament, the Council and the European Commission. This means citizens can obtain documents held by the Commission and other institutions, including legislative information, official documents, historical archives and meeting minutes and agendas.

Von der Leyen sets messages on auto-delete

YESTERDAY · 2 MIN. READING TIME
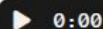

GIFT ARTICLE   📱 DOWNLOAD THE APP

The European Commission has previously said it didn't automatically delete messages.

COLLECTION: THE EU FILES
AUTHOR: ALEXANDER FANTA
IMAGE: © FOLLOW THE MONEY

▶ 0:00 ⌃ ✕

🔖 BOOKMARK   💬 ADD CONTRIBUTION

askthe**EU**.org
it's your right

Sign in or sign up

Search

How it works   Which EU body?   Make a request   Browse requests   Blog
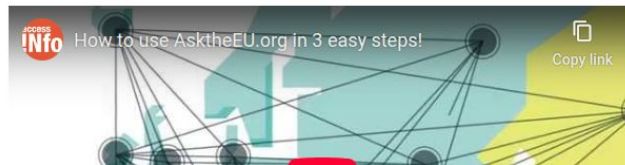
Get answers from EU Institutions

AskTheEU.org is an online platform for citizens to send access to documents requests directly to EU institutions.

Send a request   Find out more

How to AskTheEU.org

How to use AsktheEU.org in 3 easy steps!

Copy link

Top requests

DG Trade contacts with industry lobbyists about EU-US trade negotiation...

127

followers

Wir bringen Licht ins Dunkel der Behörden

Jede Person hat das Recht auf Informationen aus Politik und Verwaltung. FragDenStaat hilft Dir dabei, Dein Recht durchzusetzen. Mit investigativen Recherchen, strategischen Klagen und Mitmachaktionen kämpfen wir für Informationsfreiheit und staatliche Transparenz.

Aktuelles

21. August 2025

Neuer Job für „Mr. Tesla"

Verstößt Brandenburg gegen sein Anti-Korruptionsgesetz?

13. August 2025

Klimakrise in Städten

Parkplatz mit Aussicht auf Hitzschlag

Versiegelte Parkplätze heizen die

Anfragen

So funktioniert's:

1 Du stellst eine Anfrage. Wir leiten diese an die zuständige Behörde weiter.

2 Du erhältst eine E-Mail, sobald die Behörde auf Deine Anfrage reagiert.

3 Die Antwort wird für Dich und auch für andere öffentlich einsehbar, transparent und gemeinnützig.

Anfrage erstellen   Einsteiger-Guide

Making the state more transparent

Every person has the right to information. FragDenStaat helps you to enforce your right. Always appealing!

This is how it **work**s:

1

You make a request. We forward it to the responsible authority.

2

You will receive an email as soon as the authority responds to your request.

3

The answer will be transparent for you and others.

Make a request   **Einsteiger-Guide**

Watch how it works ⊙

Our Campaigns

other "Civic Tech" examples as Applied Digital Humanism

World   Europe   North America   South America   Africa   Asia   Oceania

Last update 08.09.2025 22:07 | 9767 visible sensors out of 9889 | Measurements by Sensor.Community contributors

Enter address ✕

Kalaallit Nunaat

Ísland

Canada

United Kingdom

Norge

Sverige

Suomi / Finland

Россия

Беларусь

Deutschland

France

Україна

Казахстан

Монгол улс

Italia

România

Espãna

Ελλάδα

Türkiye

O'zbekiston

Türkmenistan

中国

Algérie

افغانستان

پاکستان

إيران

العراق

مصر

ليبيا

500
100
75
50
25
0 µg/m³

≡ PM2.5 (5 min. mean)

Leaflet | OpenStreetMap | Sensor.Community

Sensor.Community is a contributors driven global sensor network that creates Open Environmental Data.

Our mission is to inspire and enrich people's lives by offering

Help instead of throwing away

We accept used PCs & laptops in the form of donations, prepare the devices and hand them over free to schools, charitable NGOs and financially disadvantaged people.

I WANT TO SUPPORT   **I NEED A DEVICE**

We already have
30.588
Helped families
Version of 03.08.2025

PCS FÜR ALLE IN THE MEDIA

What is Freifunk about?   How to join us?

Freifunk is a non-commercial initiative for free wireless networks.

We build community networks

Free networks are being set up and maintained by more and more people. Anyone can make their Wi-Fi router available for data transfer for others, helping to create a free infrastructure.

Read the backgroundstory here

We are a decentralized organization

- ↗ How to join Freifunk
- ↗ Find your nearest community
- ↗ Create a new Freifunk Community
- ↗ Support us and our Projects

WIRELESS BATTLE OF THE MESH v17
10th - 16th June 2025 Sundhausen

Event

BattleMesh v17 – endorsed by freifunk

We endorse BattleMesh v17 as an event for sharing knowledge and pushing the boundaries of community-based network infrastructure.

FunkFeuer ist ein freies, experimentelles Gemeinschaftsnetz.

Wir haben uns freie Kommunikation und Informationszugang ohne kommerzielle Interessen und Anbieter zur Aufgabe gemacht und betreiben gemeinschaftlich unabhängige Infrastruktur.

Was ist FunkFeuer?

FunkFeuer ist eine offene, nicht-kommerzielle Initiative für freie Netzwerke. Es soll dabei ein nicht reguliertes Netz entstehen, welches das Potential hat, den digitalen Graben zwischen den sozialen Schichten zu überbrücken und so Infrastruktur und Wissen zur Verfügung zu stellen.

Jede Person stellt ihren Knoten anderen Teilnehmenden zur Datenübertragung nach den Grundsätzen des Pico Peering Agreement zur Verfügung und ermöglicht damit freien Datenverkehr innerhalb des Netzes.

Bei FunkFeuer steht der DIY (Do It Yourself) Gedanke im Vordergrund. Jeder Knoten im Netz wird von Freiwilligen aufgebaut und betrieben, die Community stellt dazu Know-How und auch praktische Hilfen bereit.

optimism

container
rocket
infrastructure (public good)
library

data, data, data

trying, trying, trying