

Our world runs on apps.

Do they work for you,

or you for them?







In the 90s there was usually just one landline phone per household. Today we all have our very own smartphone that we keep close to our body at all times.

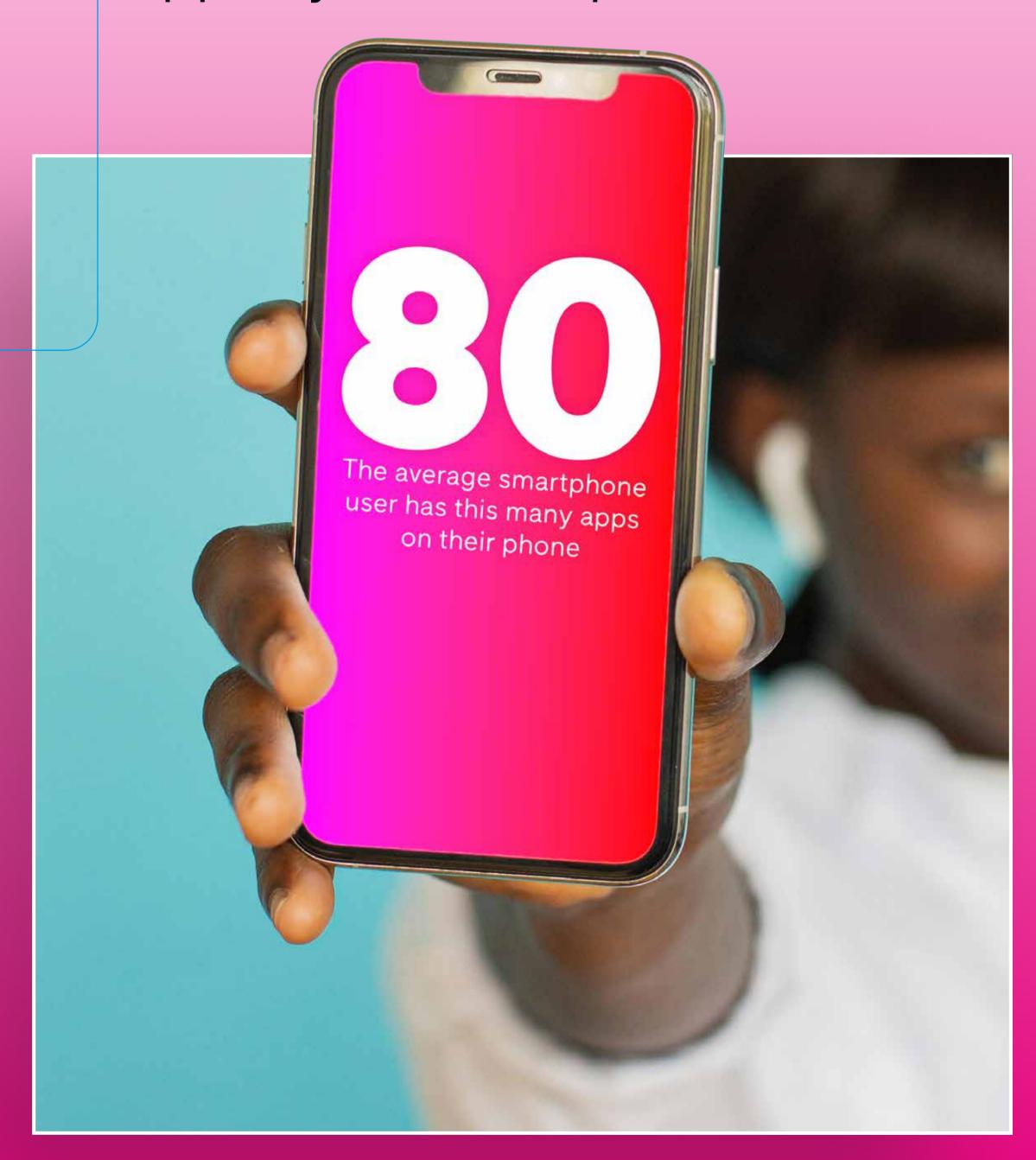
Some research suggests that we spend around five hours a day scrolling our phones, spending more time than ever before looking at a screen.



of adolescents communicate with their friends online almost all the time throughout the day

If you can think of it, there's an app for it. Taxi's, dating, fitness, baby names, organising work: it seems like apps provide a 'solution' for everything in our life.

Have you thought about who runs the apps you use, and what motive they have to keep their app in your smartphone?



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Technology is not neutral

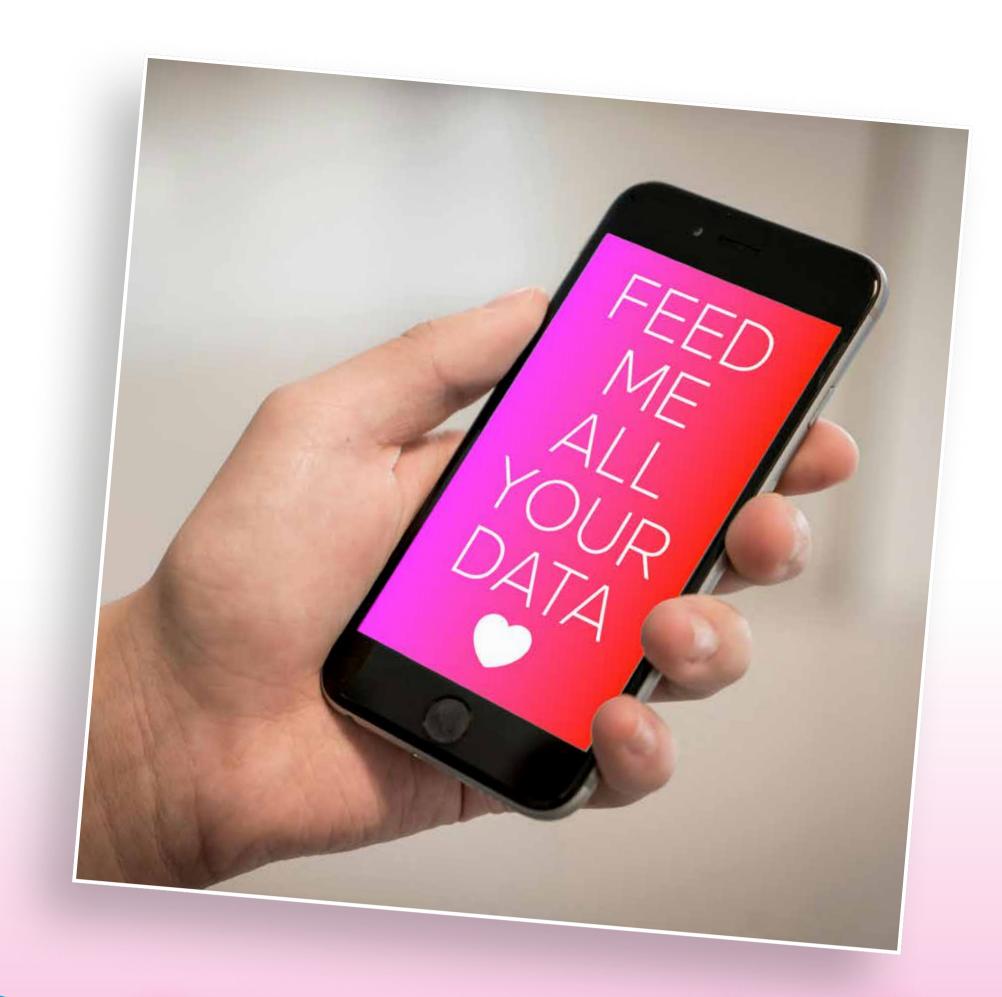
Most of the phones we use, and most of the apps we use on those phones, are not designed with public and our health and wellbeing in mind. Instead, they are designed based on *economic values*, pursuing profits from selling us services, or selling your data.

Your favorite apps are designed to make **YOU** do exactly what **THEY** want.

The goal of app developers is to keep users hooked, through infinite scrolling mechanisms, or through dopamine-inducing social features such as like-counts.

Would you behave differently 66 if you knew someone was watching at all times?

When it comes to your personal data, you should be the one that decides if and how it can be used – not the owner of an app you used or the advertising company your data was sold to.

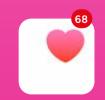


Data extraction? There is an app for that

Do you use apps to monitor your health? Pregnancy apps and other health apps can share sensitive data like location or the health of your baby with others, including law enforcement, advertisers, or other companies.



Check what data your phone is collecting and sharing.



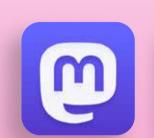


The health and fitness app industry generated \$4.45 billion in 2023

There are apps that don't spy on you. These apps work just as well as those made by Big Tech, but they guard your health and guarantee your privacy. Let's get started!

Install these apps for all your day-to-day needs:

Social media: Mastodon to stay connected, and join online public debate







Sharing images & reels: PixelDroid/Pixelfed





Messaging: Signal for private (group) messaging







Video call:
Jitsi for online video meetings





Menstrual apps: Drip or Fertility Friend







Sports Tracking: FitoTrack to track your running, cycling or hiking workouts







Navigation:
Organic Maps & Wikiloc







Restaurant recomendations: HappyCow for nearby vegan and vegetarian places





Podcast:
Pocket Casts or AntennaPod







Authenticator app: Free OTP or Aegis







Office Chat: Element is a large chat server with seperate rooms for your workplace





Email: FairEmail or K-9 Mail







Search engine: DuckDuckGo





Browser: Firefox







Get to know Waag Futurelab's Public Stack!

When you look at technology, you see only the outside, but there's lots going on beneath the surface. Why would you bother yourself with all that complexity?

If it works, it works, right?

Citizen perspective Tech stack: tech layers Application layer Operating system Firmware and drivers Equipment Infrastructure Tech stack: context layers Service Security Protocols and standards Data and algorithms **Design process Foundation** Starting points and assumptions Fundamental rights and values Socio-economic considerations Governance and oversight

The Public Stack is a design framework to make sure that technology stacks take into account values, laws, the affected users and non-users, as well as the purposes and impacts from using the technology.

