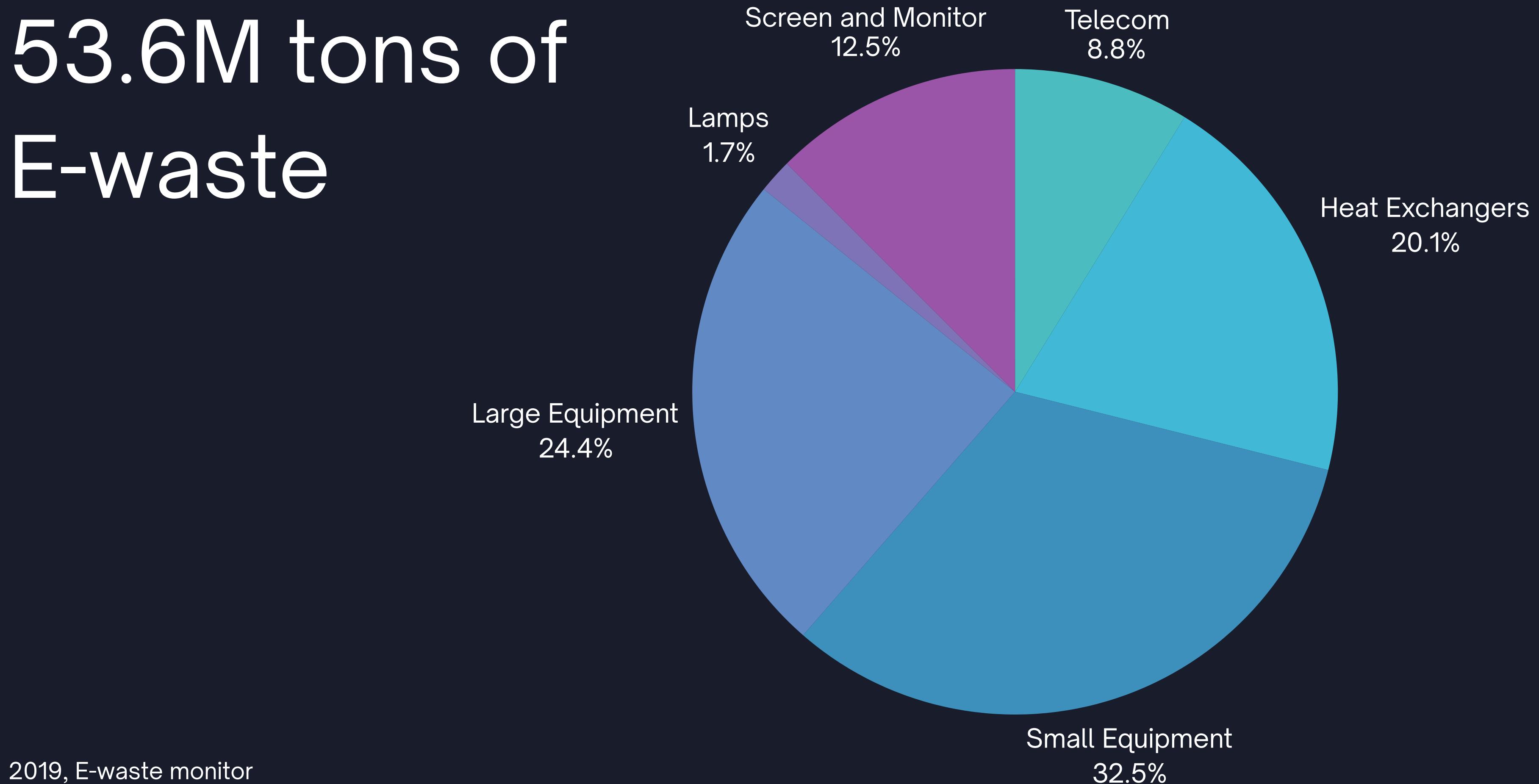


# An Old Laptop's Second Life as an Entertainment Hub

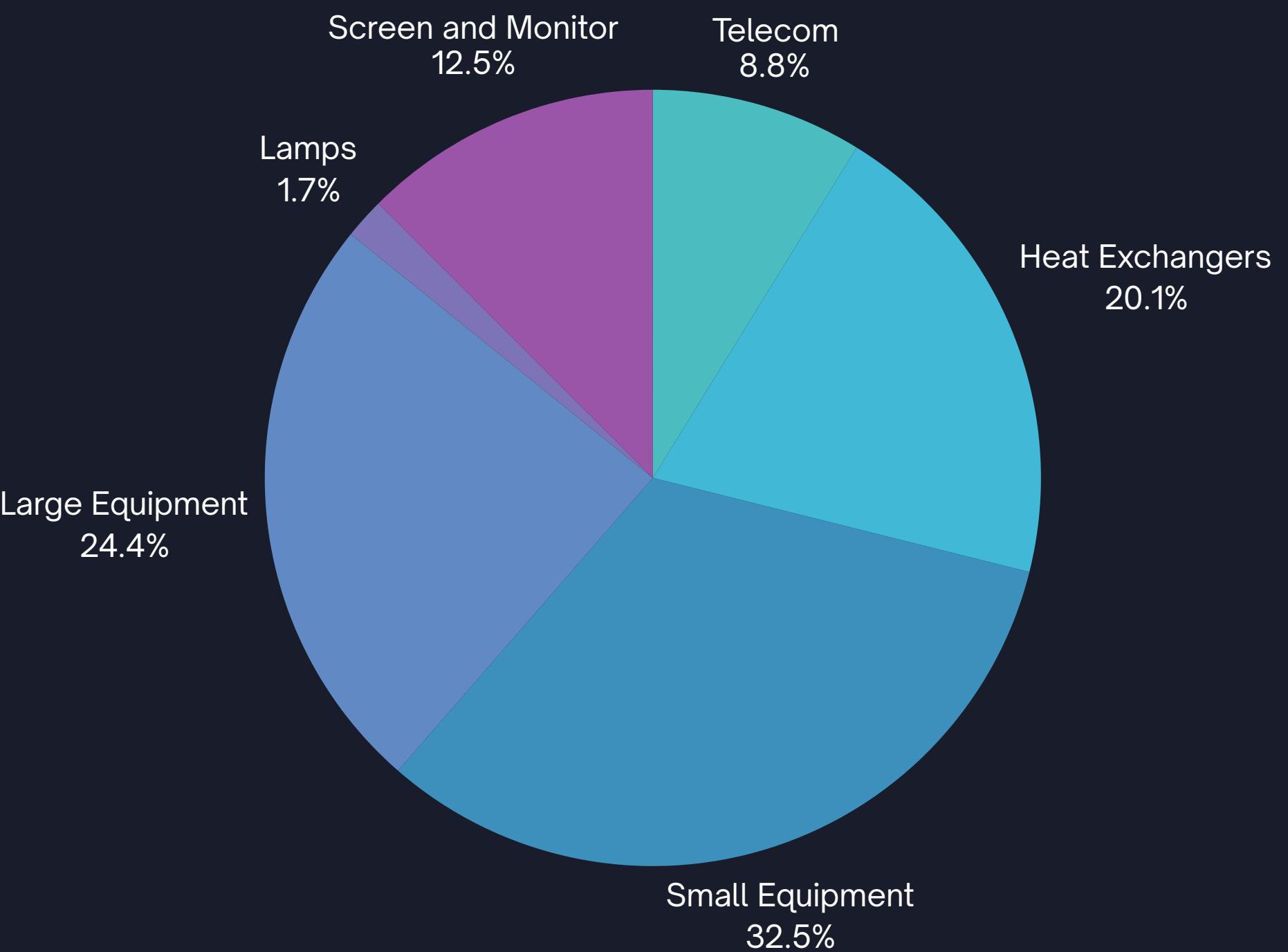
Vince Austria

# 53.6M tons of E-waste

2019, E-waste monitor



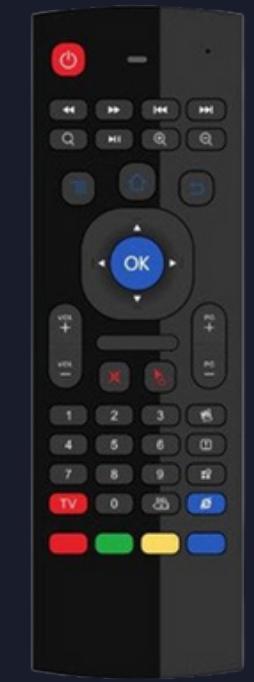
# 6.7M tons are Screens and Monitor



# What if?



Old laptop



Shopee  
air remote



Dumb TV



# Fancy a new Smart TV?



The image shows a TCL QLED 50P7K smart TV. The screen displays a vibrant, multi-petaled blue flower with a yellow center, set against a dark background. The TV is mounted on a black stand. Below the TV, there is a horizontal navigation bar with a blue highlighted segment and several small blue dots. The text "TCL QLED 50P7K" is displayed above the navigation bar, and "50-inch, 4K QLED, Google TV, Dolby Vision, HDR10+" is displayed below it.

TCL QLED 50P7K

50-inch, 4K QLED, Google TV, Dolby Vision, HDR10+

# Pros

-  All in one entertainment
-  Polished UI
-  Remote Accessible

...

# Cons

-  Laggy Interface
-  Privacy Issues
-  Ads

...

# Role of Linux

Linux is a kernel...

Distros are built on top of it...

Distros have different design choices...

Eye candy vs Performance



Welcome, Guest

⌚ 10:13 AM

➡ Switch Profile



YouTube



Spotify



Netflix



YT Music



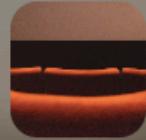
Gaming Hub



Prime Video



Podcasts



Theater+

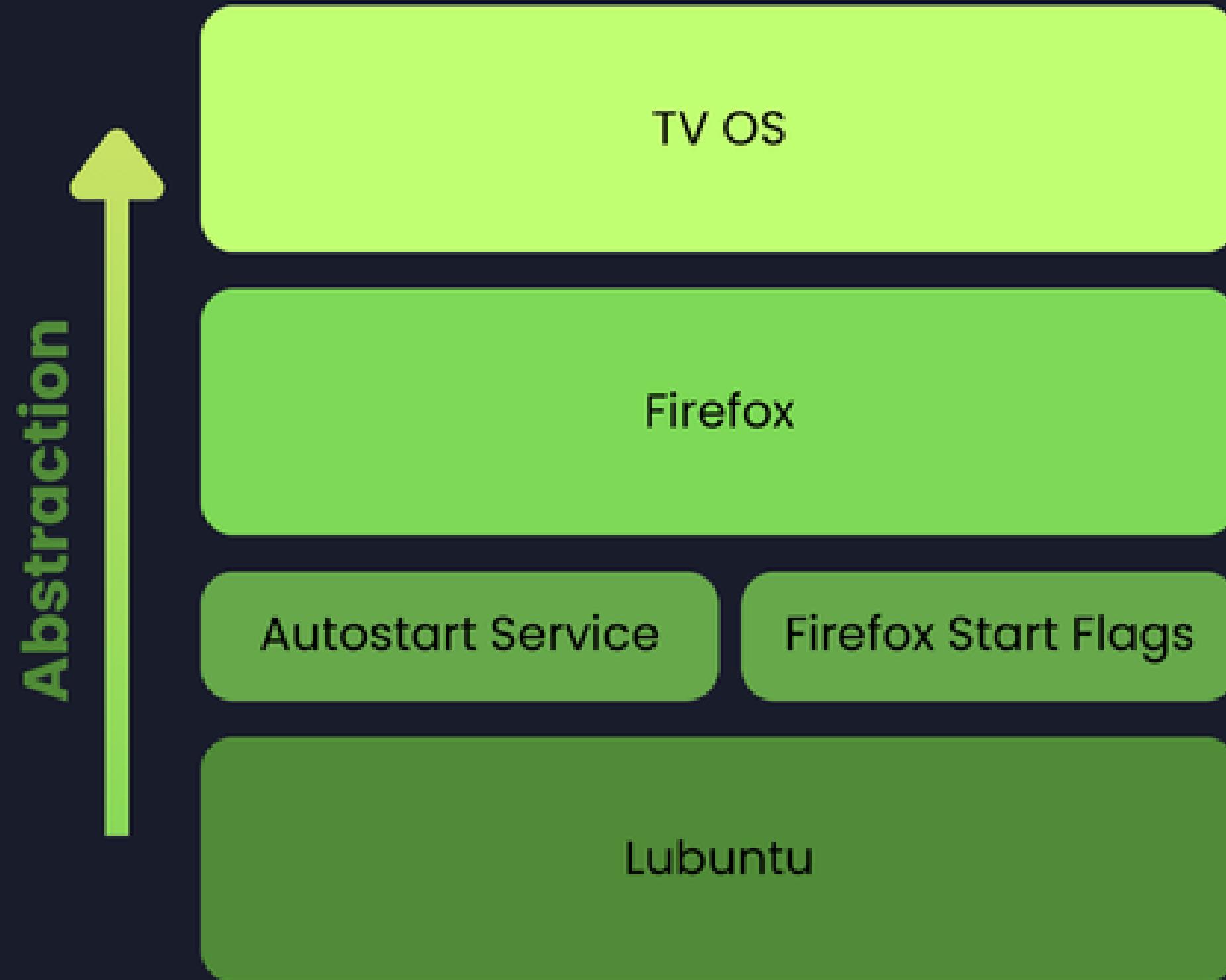


Social Hub

9 apps available for Guest

Web interface built on top of Browser and Lubuntu

# Stack



# Why TV OS is browser based?

Simple



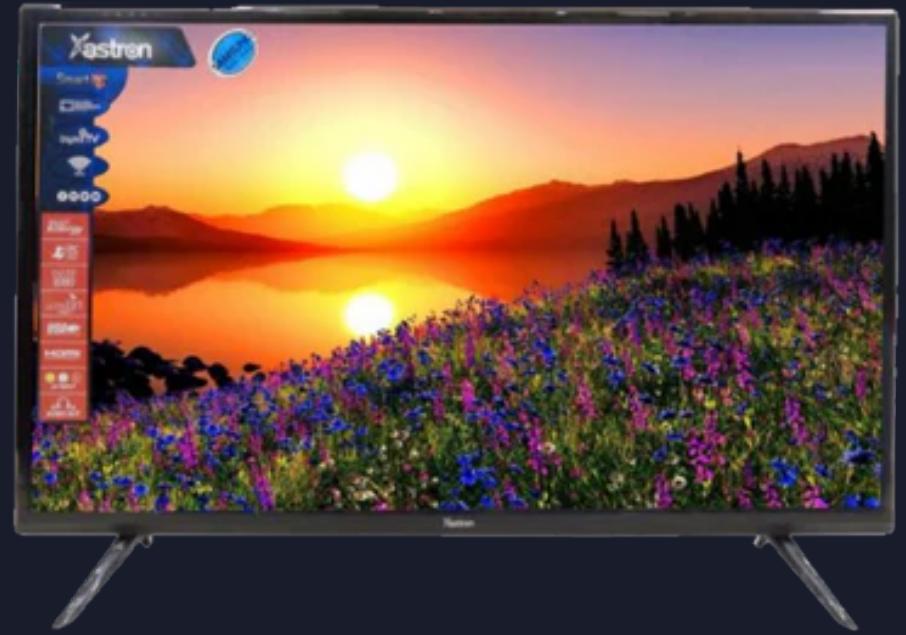
UX  
Deployment  
Development



Old laptop



+  
Shopee  
air remote



32" TV

= Perfection!

# Setting up TV OS and Lubuntu

# Thank You!

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LinkedIn