

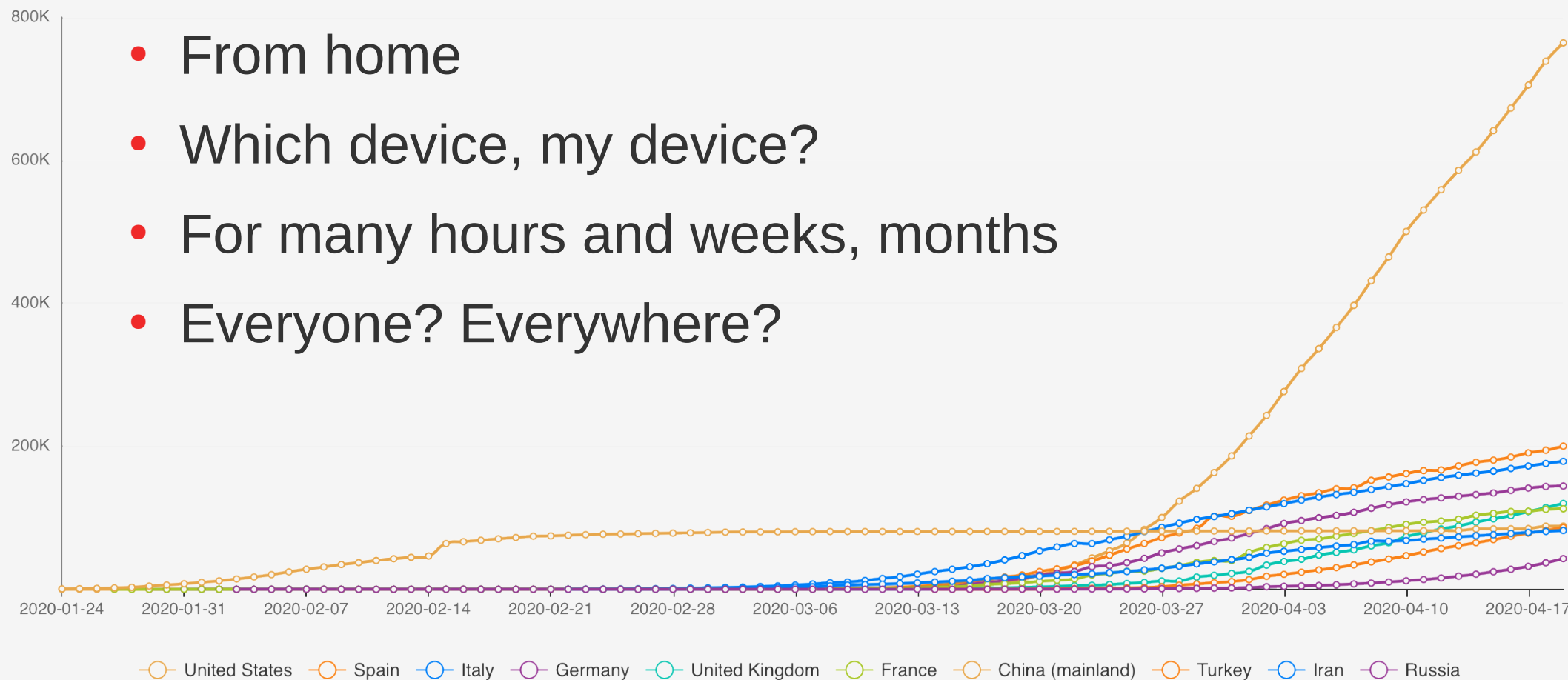


No child left offline: guifi.net, eReuse.org and the pandemic

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Situation

- Suddenly: offline from tomorrow!
- All and only over the Internet
- From home
- Which device, my device?
- For many hours and weeks, months
- Everyone? Everywhere?





The challenge

- Region of Catalonia: 7.5 M people, 50K school students may need help to follow school from home
- Intensive use! a few hours a day, weeks or months
 - Connectivity: more than a simple mobile data plan
 - Devices: more than a phone, individual
 - Extra: power, space, light ...
- Span: a few hours a day, weeks or months
- Skills, support, maintenance ...

Resources

- Support networks for families
 - Local orgs/social-enterprises for socio-economic inclusion and mutual support, mothers and fathers assoc linked to schools, scouts, etc.
 - Public entities: education, social inclusion
- Connectivity
 - Neighbors sharing WiFi a few hours, spare capacity
 - Community networks: WiFi AP (Federated auth, Eduroam-like)
 - Mobile data cooperative and commercial providers



Vols ajudar a que cap estudiant es quedi sense Internet?

Comparteix la contrasenya de la teva xarxa WiFi amb qui tu vulguis del teu veïnat.

Aquí pots anotar el nom de la teva xarxa WiFi i el teu correu electrònic o telèfon de contacte.

D'aquesta manera et podrà contactar el veí o veïna que ho necessiti i els hi podràs donar la teva clau si ho vols.

Nom de la xarxa	Telèfon	Contacte	Casa / Pis

Més informació a la web: estudiants.matarosensefils.net
participacio.mataro.cat
o al telèfon XXX XXX XXX

Col·labora:



Resources

EUROPE,
LET'S REUSE
REFURBISH
REPAIR



- Devices
 - Reused, better than new: Repaired/Refurbished, Circular economy (traceability until final recycling)
 - Desktops, laptops, tablets, mobiles, routers
 - Social enterprises prepare devices (social inclusion jobs), volunteers too.
- Services
 - We need videoconferencing services, storage, intranets, etc
 - But capacity, scalability is limited, cost? ...



Resources

- Volunteer work (contribution, free)
 - Donate your spare time, devices for fun and impact
- Professional (socio-economic sustainability)
 - Small/large businesses. Support & services “not free”
 - Social enterprises create jobs for support professionals, social inclusion of marginalized people
- Focused solutions:
 - Ideal in specific cases: custom
- Broad solutions:
 - One for all: massive

Lessons



- GAIA!: Network + end-hosts + people
- We provide connectivity → we spread eWaste ...
 - Device traceability: cradle to c, circular, no waste
 - We contribute to improve coverage:
 - Ways to map demand and supply + plan/fund deployments, device supply, funds, software ...
 - The Internet as a global public good / commons
- What will remain after confinement?
- What we will learn for the future?
- What to do for the climate pandemic?