

Leaving home ...

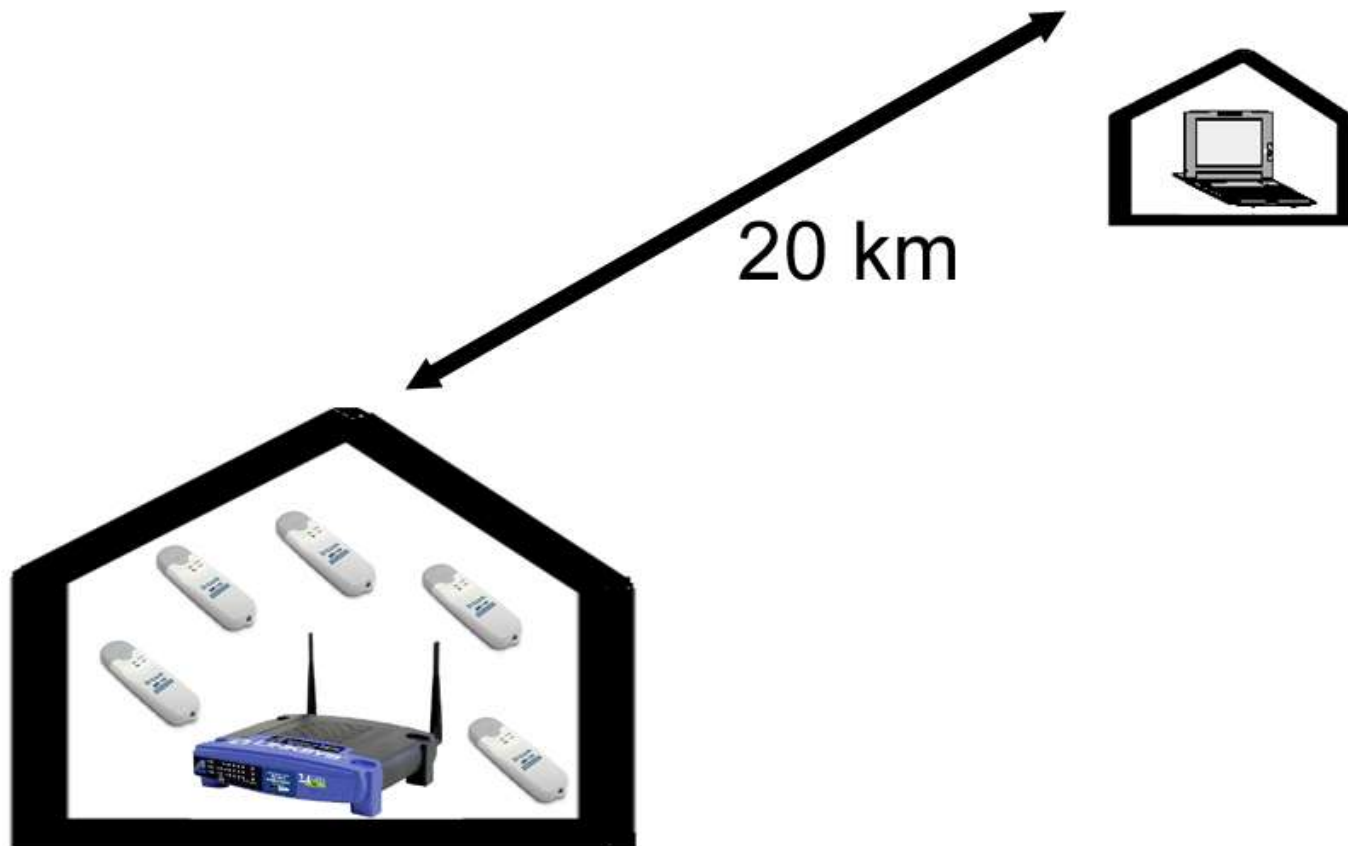
# What we have: our school network

We have our little inhouse network with one AP and many happy USB clients



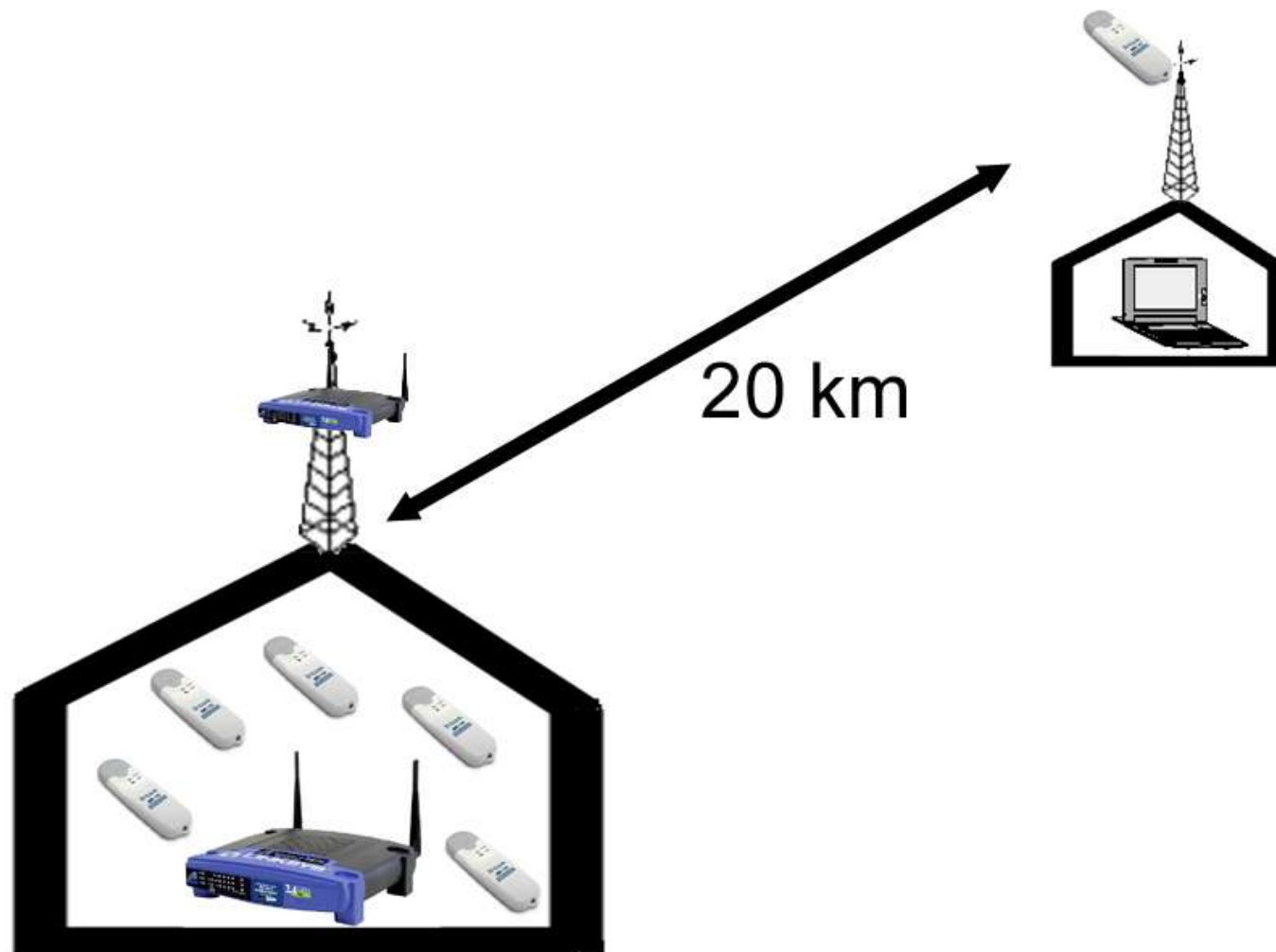
# But ... there is another school!

... and they are not connected .... :(



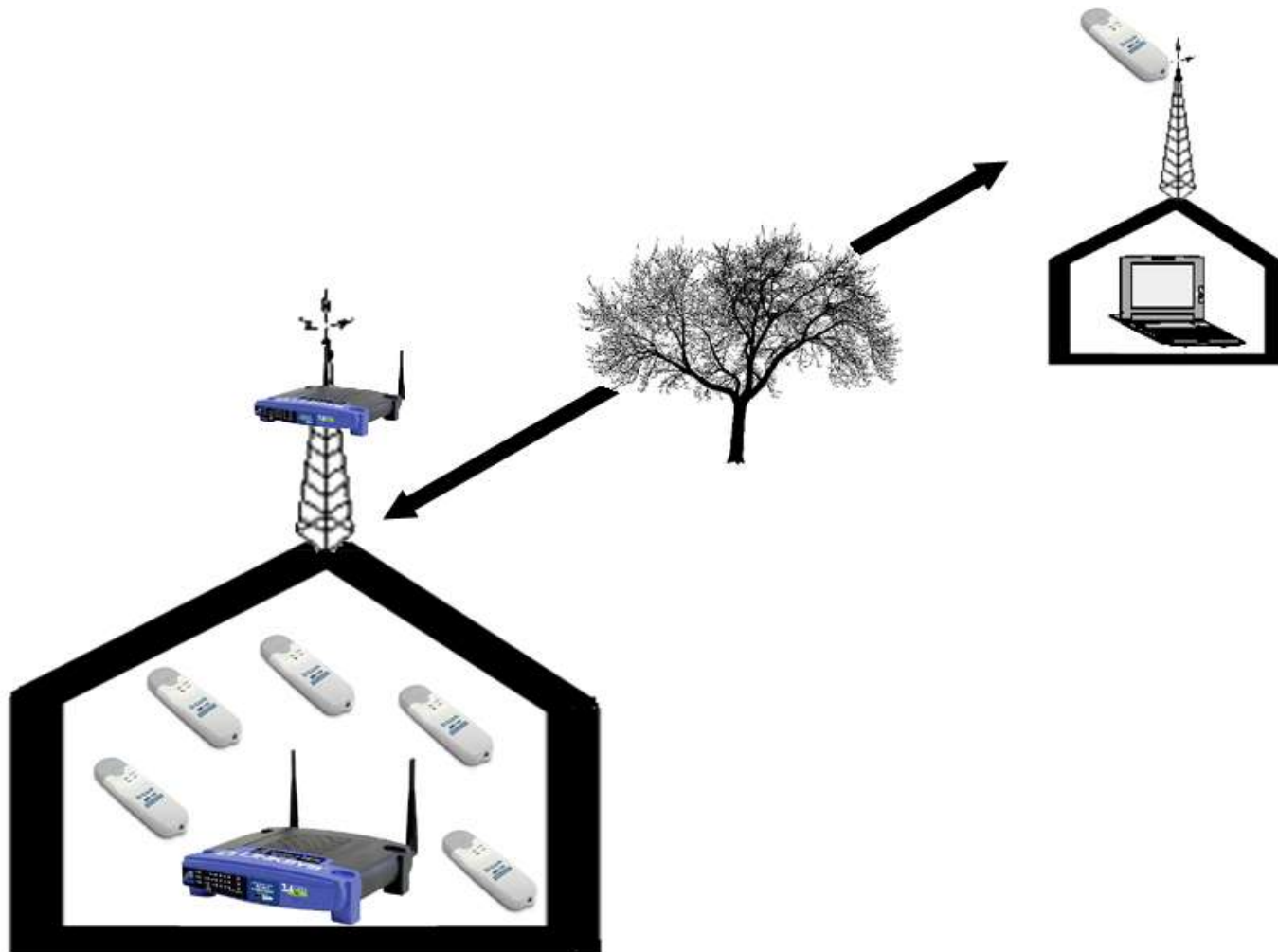
# So ....

... we will use exactly the same hardware, just make it do something else.



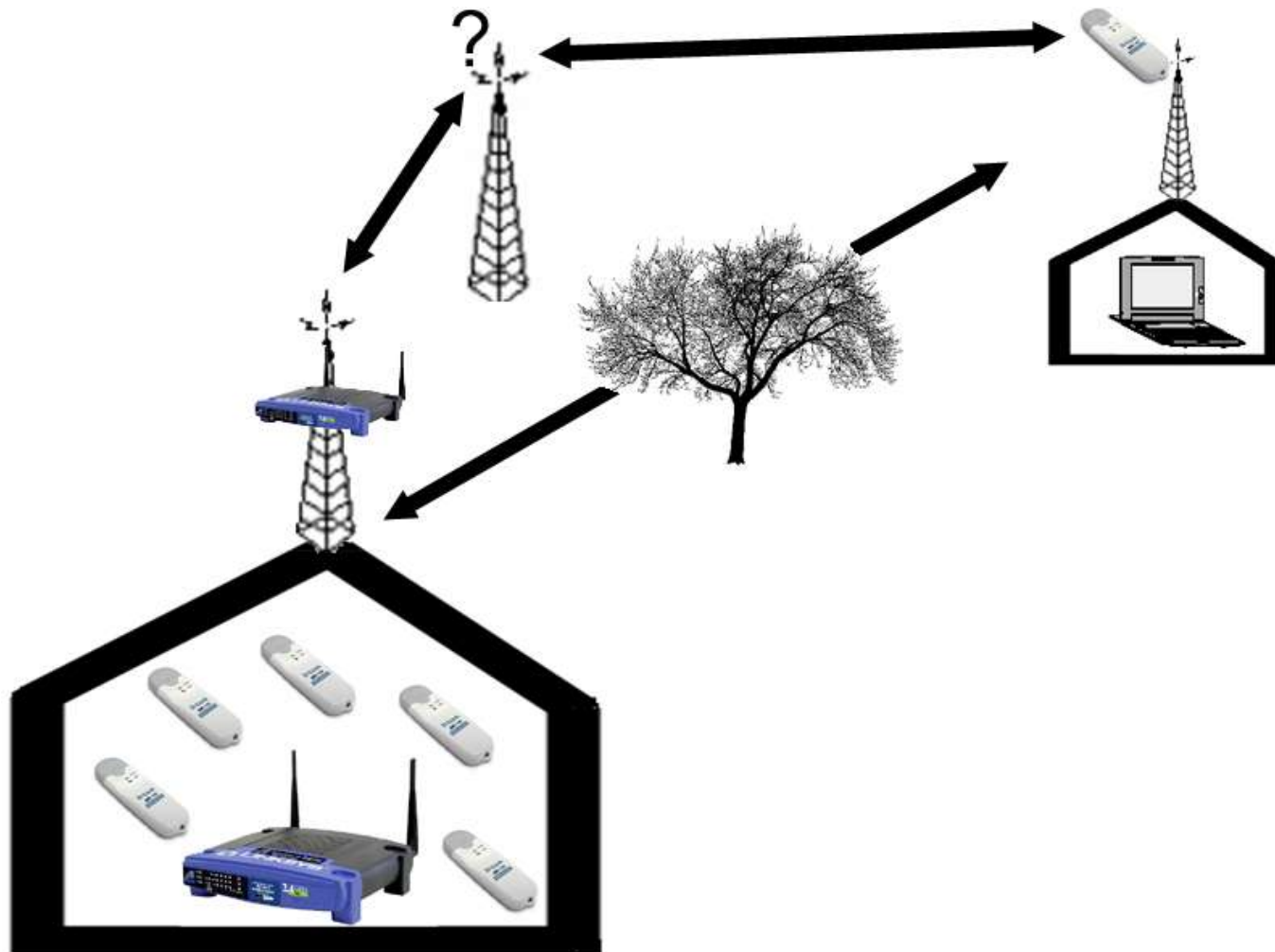
# But ... things sometimes change.

... so we will have to react.



# So ...

... we will again use the same or similar hardware and work around it.



# Workplan

## **The Main Building Group**

- 1) reset our AP
- 2) use the same WAN/Internet settings as before
- 3) BUT on the LAN side  
do not use DHCP,  
but static settings instead.
- 4) give it a new and appropriate SSID (e.g. group\_x\_remotelink)
- 5) put the AP on a tower and connect a big antenna!

## **The Remote Group(s)**

- 1) reconfigure their client so that they can connect to this remote AP
- 2) put the USB client into a huge parable and put it onto a tower!

## **The Repeater Group(s)**

- 1) Choose hardware that can pick up a signal and send it on! Discuss! Linksys flashed? Metrix?  
Or a repeater made out of two units?
- 2) Put it onto a tower & add appropriate antennas.