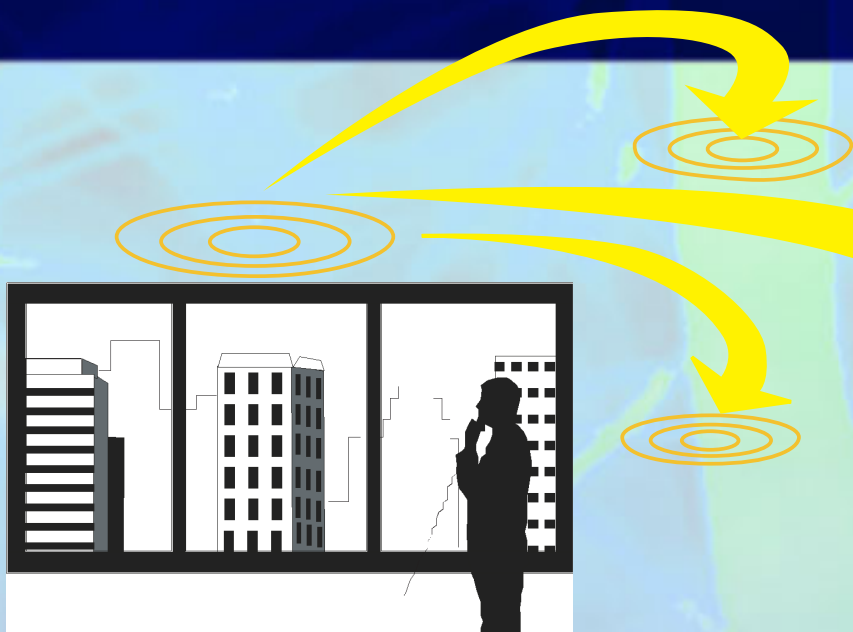# Wireless Broadband
for Community
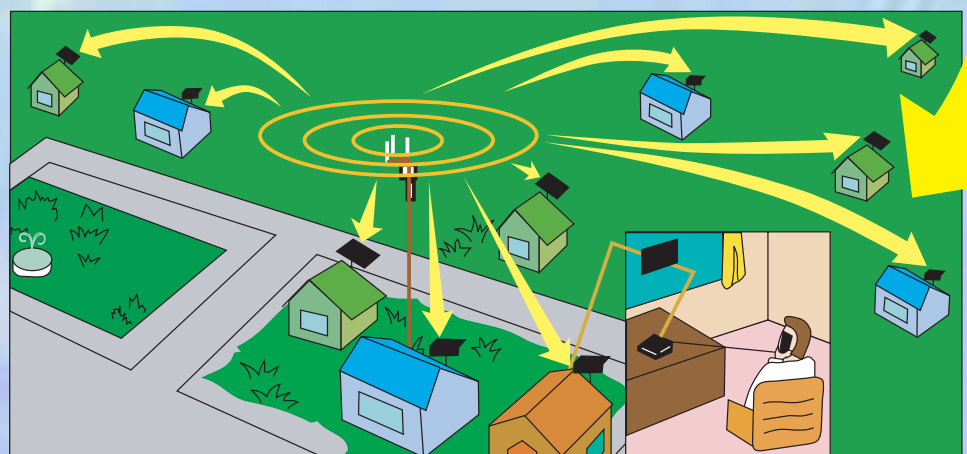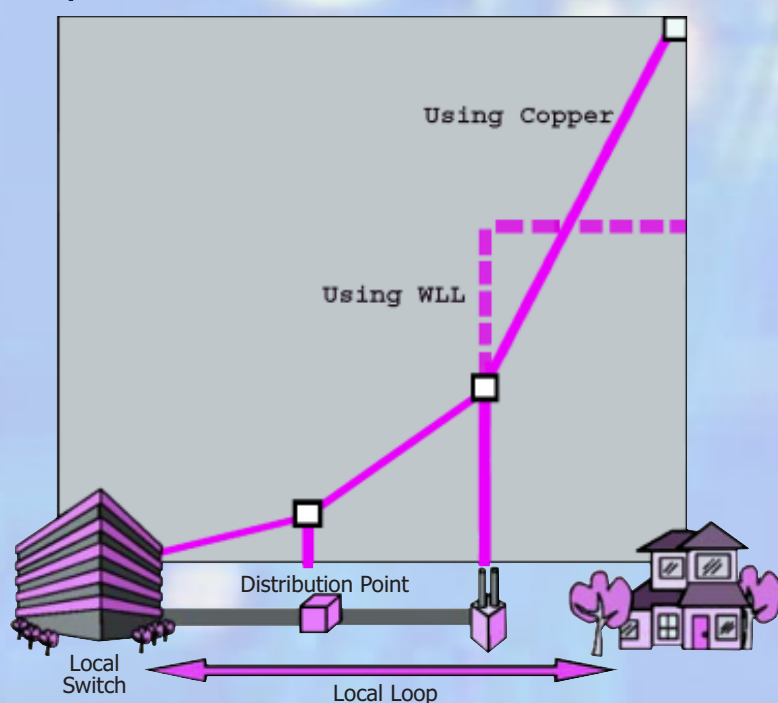
Rural Wireless Broadband Access (RWBA)

RWBA is the project to develop wireless broadband communication system on Thai's internet protocol (IP) technology initiated by NECTEC. The objective is to reduce digital divide problem, expand the internet and telephone service to community and rural area. (Wireless Local Loop – WLL)

Advantage of Wireless Local Loop

Wireless Local Loop supports basic telephone service in rural area that has low density of people. In compare with wire–line telephone network or copper drop wire, Wireless local loop can save cost and time due to network installation. Besides that, it is more easily and rapidly to increase or decrease the subscriber for each area. No need to further usage planning for 5–10 years like wire–line telephone network.

Cost/Subscriber

Using Copper

Using WLL

Distribution Point

Local Switch

Local Loop

What is Wireless Local Loop?

Wireless Local Loop is the system that provides wireless link connection between telephone subscriber and PSTN. Each subscriber will be easily connected to Cell Station by wire–less instead of the wire–line link.

Only one wireless local loop cell station can service the subscribers that coverage the overall area in one village.

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