

Last Mile Access

Solutions involving community



Naveed Haq
Regional Development Manager, Asia-Pacific



49% of the world is still not connected

The lack of affordable access to the Internet and the disparity in levels of access across the world remains a key challenge.

This creates competitive, social, and economic disadvantages.



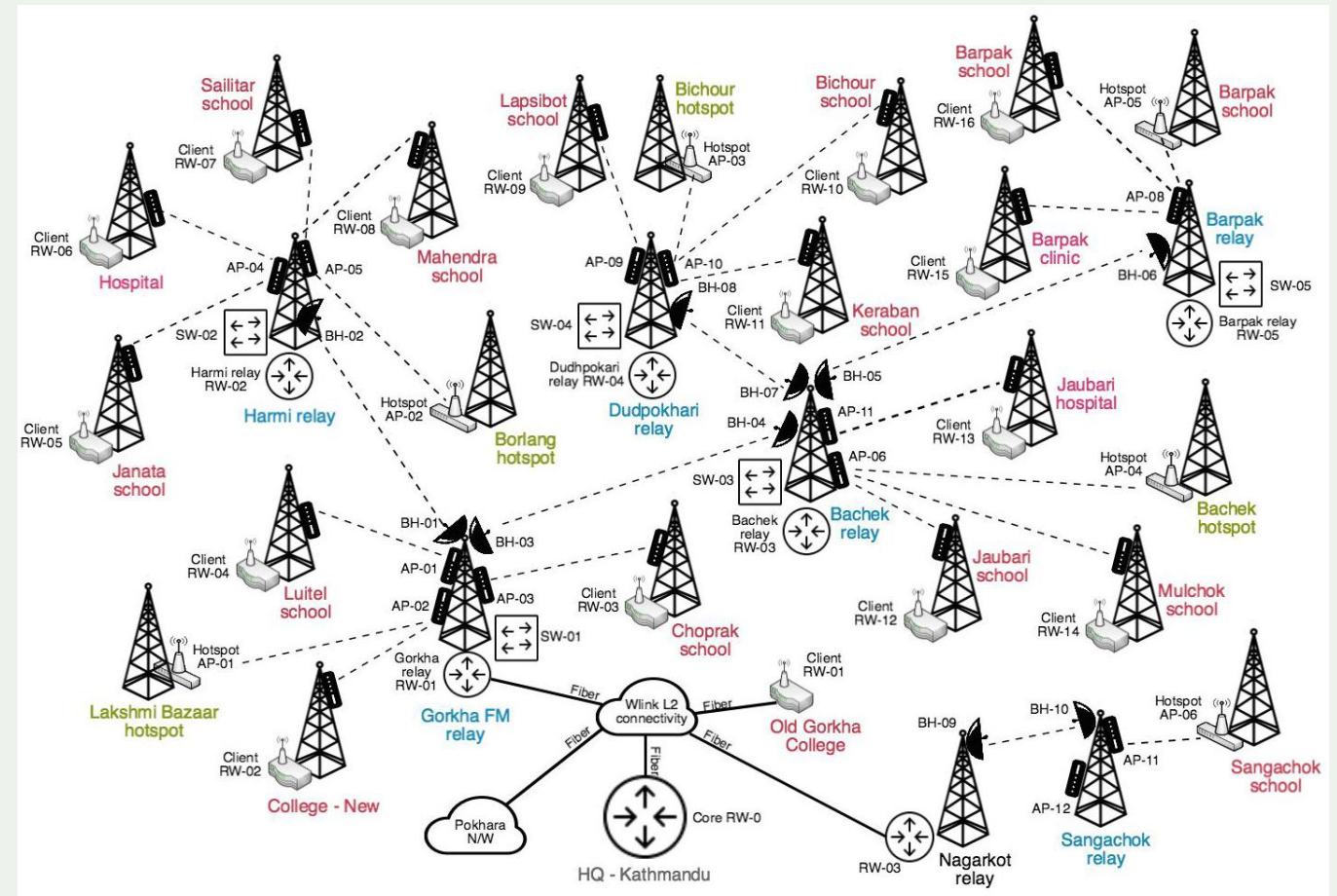
There is need to embrace complimentary last mile network infrastructures that involve small businesses and communities to support

#inclusiveaffordableconnectivity



The infrastructure

- Last mile access networks that are often small, usually serving under 2,000 people
- Using wireless and optical fibre technologies
- A distributed architecture



Network diagram of the Nepal Wireless Networking project

Existing solutions / projects

- a. Guifi.net (Spain) <https://guifi.net/en>
- b. Pamoja Net (Congo) <https://firstlight.fjordnet.com/pamoja-net-a-community-commons/>
- c. Wireless for Communities (W4C) (India, Pakistan) www.w4c.in, www.w4c.pk
- d. Nepal Wireless Networking Project <http://www.nepalwireless.net>
- e. Gram Marg (India) <http://grammarg.in>
- f. Zittnet (Nigeria) <https://www.fantsuam.org/projects>
- g. Instituto Nupef (Brazil) <https://nupef.org.br>

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Galerie Jean-Malbuisson 15,
CH-1204 Geneva,
Switzerland.
+41 22 807 1444

1775 Wiehle Avenue,
Suite 201, Reston, VA
20190-5108 USA.
+1 703 439 2120

Internet Society Asia-Pacific

www.isoc.org/apac
apac@isoc.org
@ISOCapac
<https://www.scoop.internet-in-asia-pacific>
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9 Temasek Boulevard,
Suntec City Tower Two #09-
01,
Singapore 038989.
+65 6407 1470

