

Rural Access Information Course



Lesson 3 – Establishing village Information Spot (InfoSpot)

Basic Internet Foundation

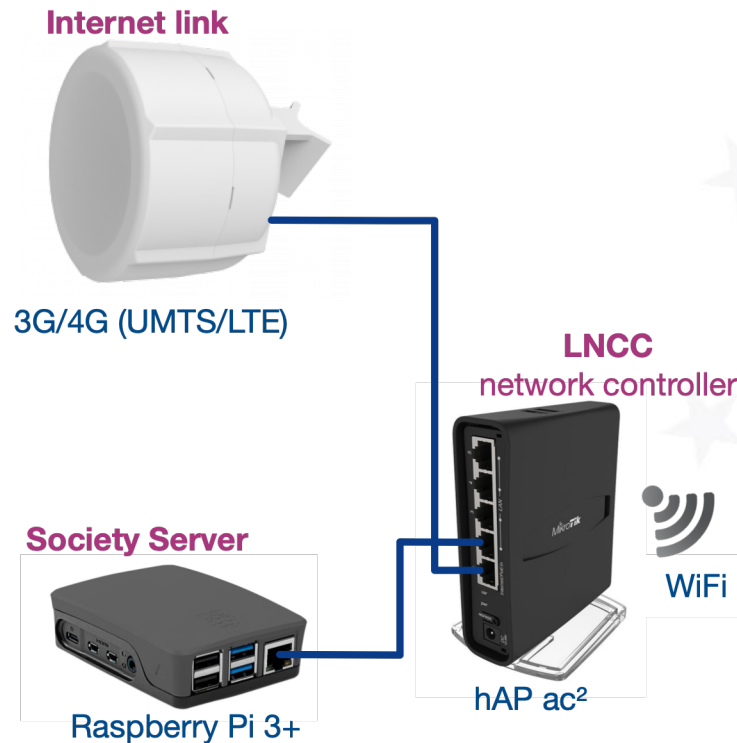
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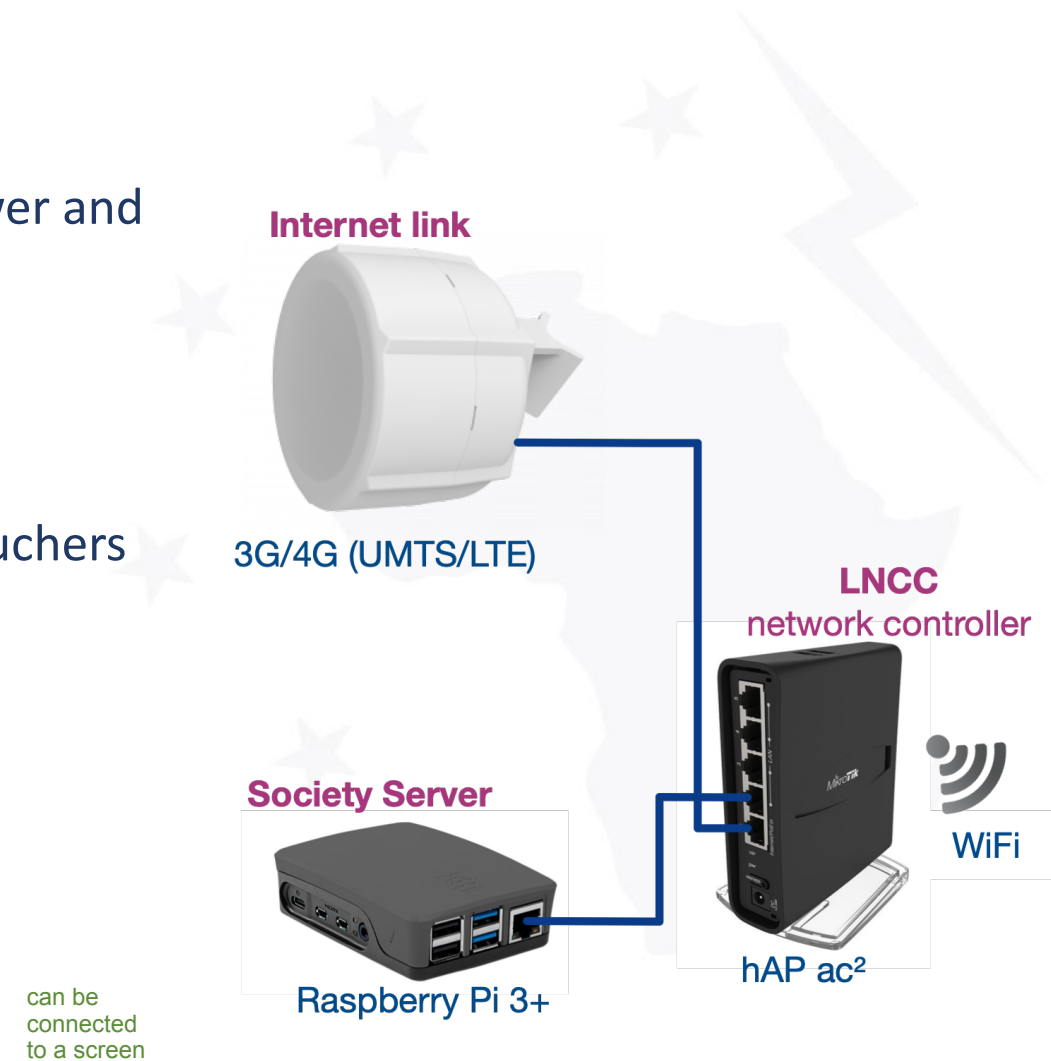
Information Spot Equipment

- ➔ wireless information spot (InfoSpot)
- ➔ Reaching out >20 km to mobile network
- ➔ Affordable solution: OPEX less than \$20/month



Overview & functionality

- Antenna, catching the mobile signal from the mobile radio tower and converts to mobile Internet
- Local Network Control Centre (LNCC):
 - Router with whitelist handling and
 - Signalling connecting to Basic Internet backend system for vouchers
 - Scripts for update of whitelist
- Raspberry Pi (RPI) - School-/Community Server
 - local information free available for everyone
 - Course to create a web page (Wordpress)
 - Upload & sharing data locally (Nextcloud)



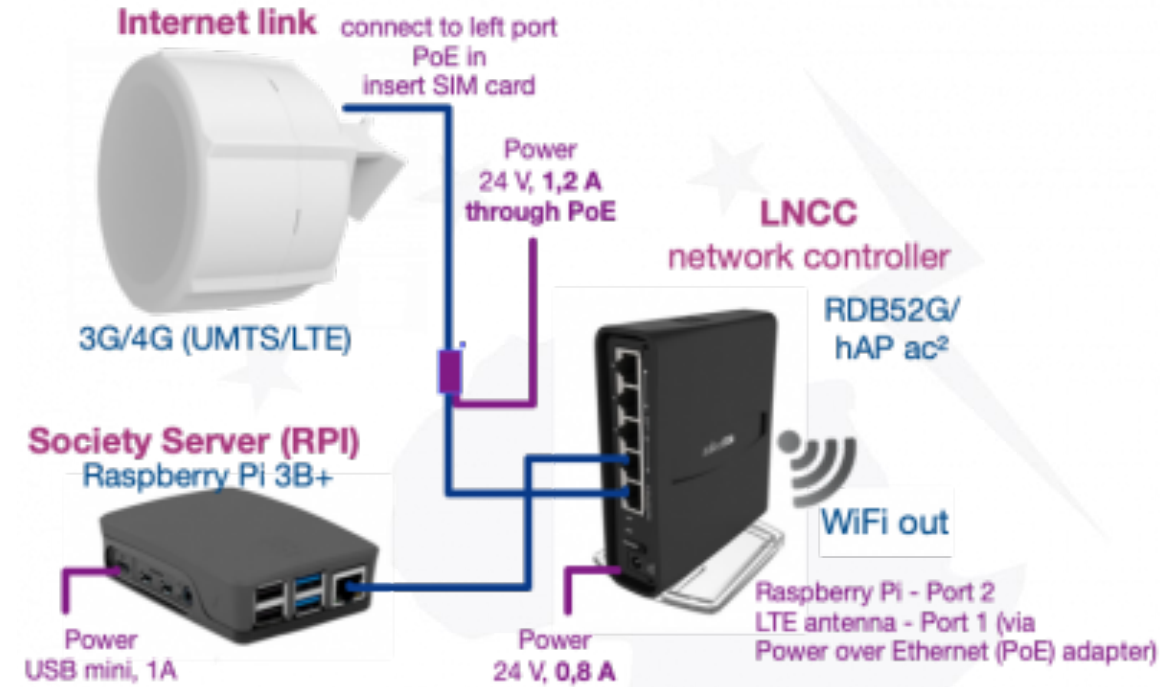
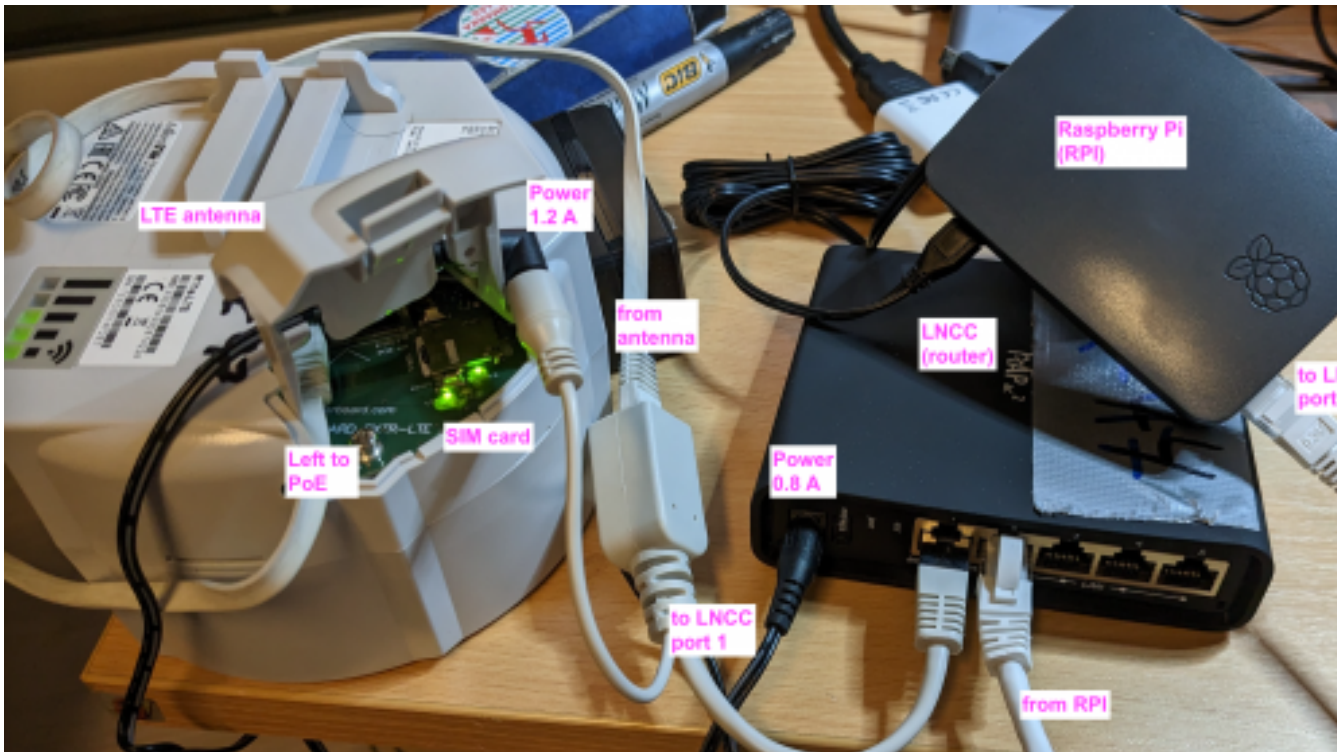
Let's configure

- Antennas
- Local Network Control Centre (Router)
- Raspberry Pi



Connect the cables

see <http://Problems.Basicinternet.no>



Bishop Okoth Girls Mbaga
Sec
1 750 girls

Ulafu Mixed
Sec
450 girls & boys

Obama Mixed
Secondary
550 girls & boys

Malele Mixed
Sec
575 girls & boys

Ratta mixed
sec
780 girls & boys

Kolweny Kingsway
Sec
342 girls & boys

Bishop Linus Okok Girls
High School, 1660 girls

St. Paul Oriang
380 boys & girls

Siaya county

Kisumu county

Homebay county

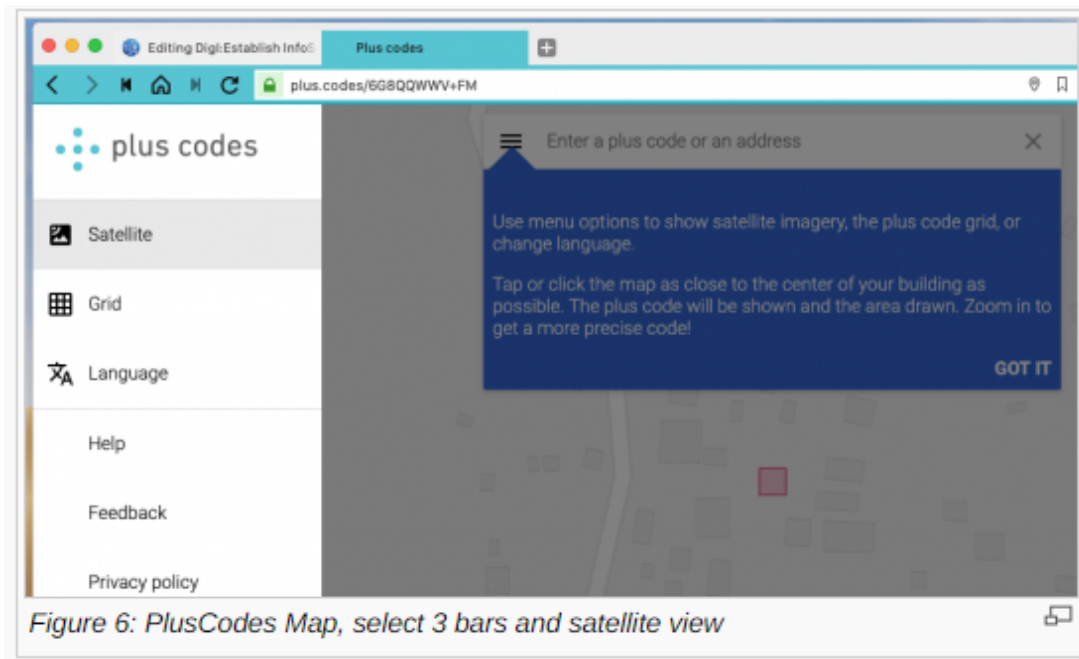
Mapping Location



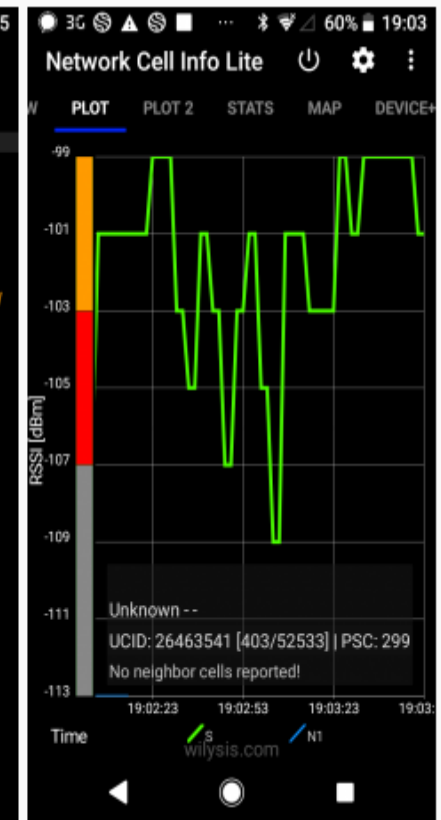
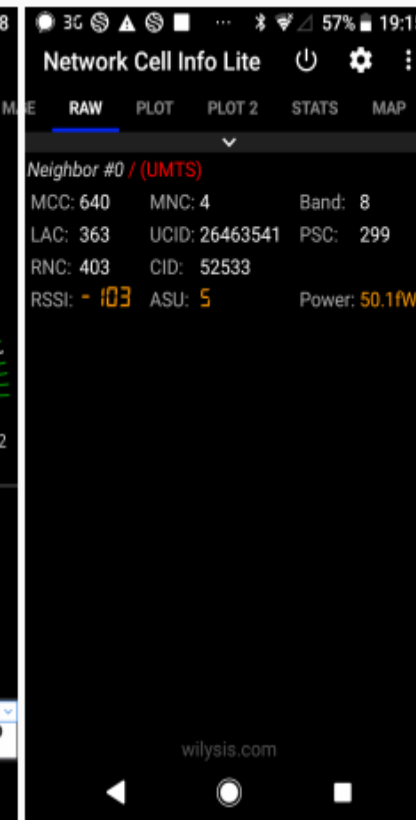
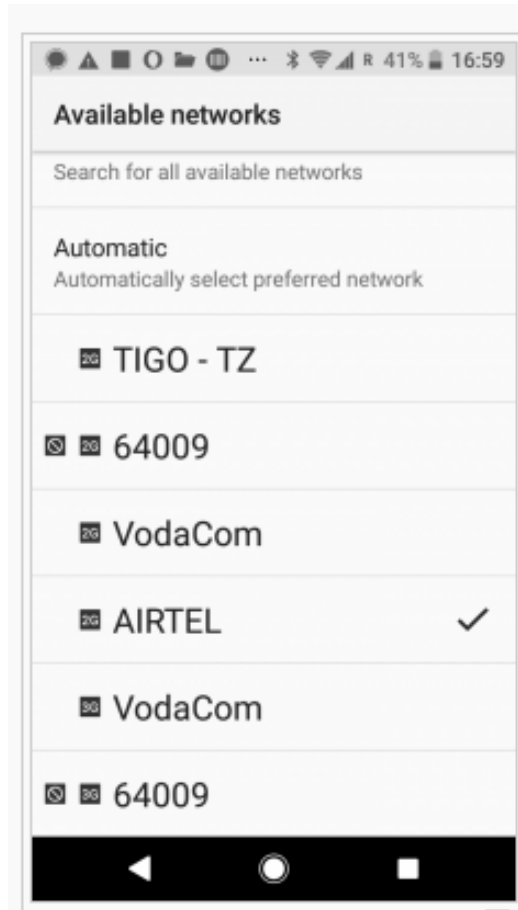
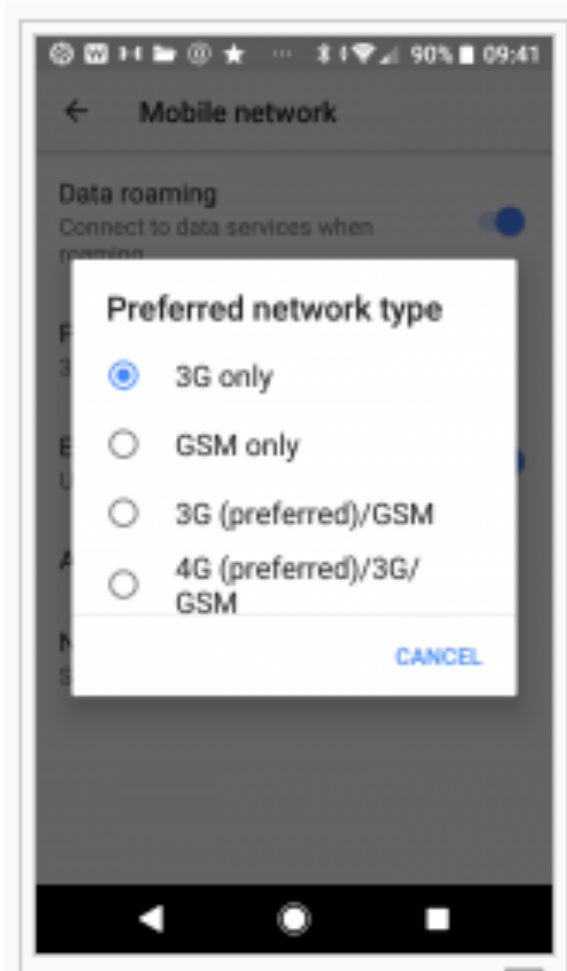
Ratta mixed
sec
780 girls &



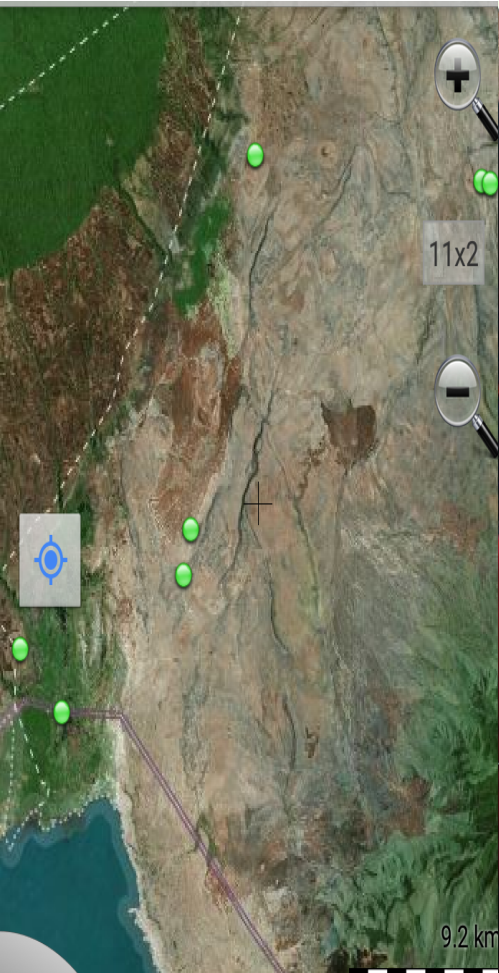
Location Mapping



Available Network



Installation



“Connect The Future”
Selela Market Place
Info-Spot installation





Izazi Info-Spot Installation

Installation time: 1,5 h
catching the signal from the Vodacom tower in
Migoli (~10km away)

Take the course, and empower your community



Course Content

- L0:** Intro
- L1:** Regional Competence Centre (RCC) for connectivity and regional inclusion
- L2:** Regional SESA InfoSpots for energy empowerment
- L3:** Digital inclusion and sustainable development in rural regions
- L4:** Providing Information on Energy

