

Basic Internet Ordering and Configuration

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The process of ordering and configuration

Eliva finds out that she wants an InfoSpot at her home. She visits BasicInternet.org, and finds the product page, and the “way of ordering”. Thus, she goes through the steps, measures the network, and provides the location, her request through the Web environment.

Our system picks up her request, and adds it immediately to our system(?) - HOW?

A feedback is given to her by the community manager, to answer to questions.

Given that funding in place, we'll configure the systems (EASIER configuration? - or remote configuration?, based on online courses), and the devices are sent to the customers.

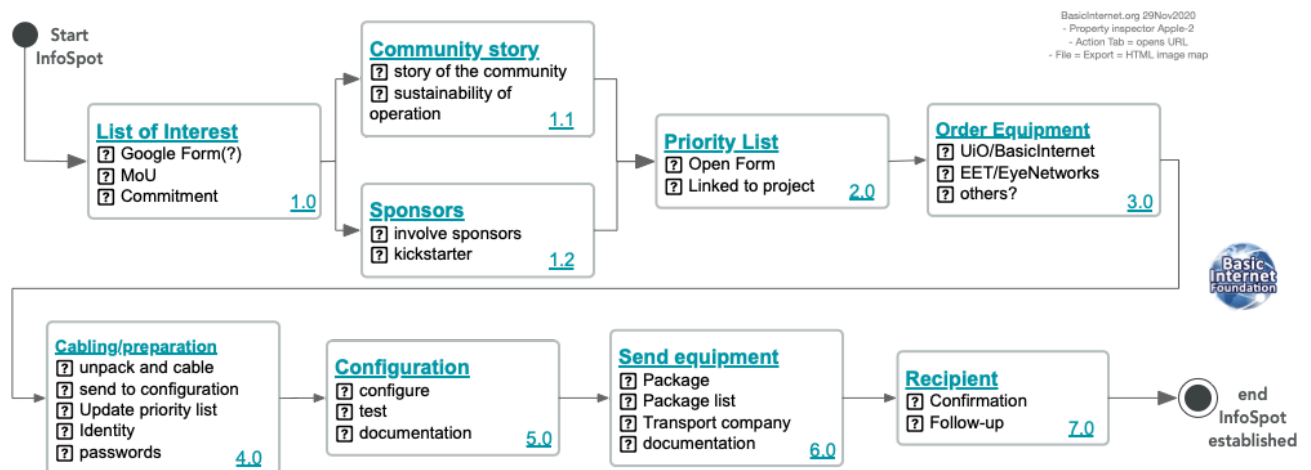


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0 - How to make processes more effective

We ask ourselves how we can make our processes more effective:

What are the jobs that take us the most time?

How much time does it take us to perform steps 1-7?

Which are jobs that can be automated?

Using Web forms, e.g. registration of interests through Google Forms...

Export of credentials?

1. Companies - funding
2. Franchise model - (Mara Phones)
3. Community empowerment - “in the communities”

See: [Equipment Configuration](#) for more details

1. Interest list (Brenda)

Checklist

- ☐ Google Form(?)
- ☐ MoU
- ☐ Commitment, Agreement on Franchise Model

The purpose of this paper is to advocate for community empowerment, especially in rural areas, in the digital age. Studies from India show that about 80% of jobs that are lost, hit the rural areas. The main reason is that industrialisation and digitisation increases efficiency in production, and thus lower costs. While being obvious for industrial production, the cost advantage is also true for agricultural goods. Thus, rural societies are hampered in their competitiveness and will fall (even more) behind if we don't encourage local value creation in the villages.

Based on [1. List of Interest](#) the next steps are [1.1. Storytelling](#) and [1.2 Sponsor involvement](#)

1.1 Storytelling about the community (Catherine)

Checklist

- ☐ Story by communities
- ☐ Prepare our Web accordingly

Prepare to tell the story for a successful and sustainable community

1. Legal background check on the organisations that approach us
2. after we are satisfied with their records, we send them our community guidelines for them to read and understand (there could be a virtual meeting after they read it)
3. Financial sustainability, local driver, (their story)
4. Know their beneficiary etc then put them on our priority list

Next step: [2. Priority list](#)

1.2 Sponsor involvement (Josef)

Checklist

- ☐ Sponsor ownership
- ☐ Kickstarter activity

For every project, we'd like to involve some sponsors contributing to our priorities. If the sponsors have some specific preferences, then they can decide who comes on the priority list.

For the 80 InfoSpots being rolled out in Dec2020, I suggest that we add "UiO" as Sponsor to the InfoSpots being rolled out ...

2. Priority list (Brenda)

Checklist

- ☐ Open Form - as of now:
<https://docs.google.com/spreadsheets/d/1g4EFQJRNGzOivD22cnKOArPJ0PP27VoodZewl0Upkfw/edit#gid=0>
- ☐ Linked to the project

How do we prioritise?

Our suggestion is to create a local village platform to empower the local communities, enable access to digital knowledge, and create local centres for job creation and innovation in the villages. Regarding the main functionality of the village platform, the three elements to be considered are: (i) to create an architecture for knowledge spreading, (ii) provide everyone with free access to a national knowledge portal, and (iii) enable community engagement through a local village/school/community platform.

Next step: [3.0 order equipment](#)

3. Order Equipment (Wisam)

Checklist

- ☐ ordered through UiO/BasicInternet
- ☐ supplier EET/EyeNetworks (items in stock?)
- ☐ others?

Next step: [preparation for configuration](#)

4. Preparation for Configuration (Wisam & Hamed)

Checklist

- ☐ unpack and cable
- ☐ send to configuration
- ☐ Update priority list
- ☐ Identity
- ☐ passwords

“It costs us too much money to first import to Norway, then configure, and then send out again - and get another 35% tax (TZ example) on import”

Thus,

- who are our configuration partners worldwide?
- How to create the knowledge exchange to establish knowledge in the recipient country? (local anchor partner)

Country partner:

- TZ: COSTECH(?), Dar es Salaam Institute for Technology
- ET: Univ of Aambo
- KE: AHERI

What about global partners as Vodacom, Safaricom, MTG, ...,

Next step: [Configuration](#)

5. Configuration (Hamed)

Checklist

- ☐ configure
- ☐ test
- ☐ documentation

Future steps: automation of configuration

Goal: VPN set-up when the equipment arrives, and then “auto-configuration” based on scripts.

Thus, our focus is on the “script development” and the back-end portal. - Ansible?

See docs on configuration:

https://docs.google.com/document/d/1tcd4Nco8XTAmZKB1HPubMhbjUvj_LXaisZZGJe7khGw/edit

Steps for DIY:

5.0 set-up for configuration

- LNCC - put an Internet cable into port 1
- connect with your Laptop through Port 2 or Wifi
- connect the LTE antenna through port 3

5.1 initial config - needed for VPN

- apply “basic Internet initial script”

5.2 Scripts needed for “self-configuration”

- “AUTO config” of the installation...

5.3 Reporting and Monitoring

Next step: [sending equipment](#)

6. Sending of equipment (Wisam & Josef)

Checklist

- ☐ Package
- ☐ Package list
- ☐ Transport company
- ☐ documentation

Packaged in a box: Now: everything fits into the LTE (papp-)box. However, customs will identify the LTE box as “telecom equipment”, and tax the whole package as “telecom”, e.g. TZ 35% tax - value 210 USD/box - School Wifi Spot.

Package list: identify all the equipment and the prices agreed on for them. However, for the popular air freight companies such as DHL and UPS, they have their own forms for packages that have to be filled online or at their office. These forms include the detailed information about:

1. The sender and receiver (name, company, address, telephone number, email),
2. The package content for each device (category & type, price, manufacturing country, use, weight, dimension, amount),
3. The overall package (dimension, weight)
4. The estimated date for delivery, and tracking number (copy to the sender)

These forms will be attached to the sending boxes no need to add any information by us!!

For the packages that to be sent to European countries normal post has pretty good delivery time, and cost. The info we need includes:

- Receiver, Sender
- Package list, estimated value, weight, size -> to be sent to Airsped
- Within the box, we'll have a “list of equipment” specific with the information coming from <http://its-wiki.no/wiki/Category:Equipment>

Send message to Airsped (via Arild Hemstad), with the needed information (addresses, package weight and dimension, value, price) as he will fill the forms or send it the air flight company to produce their final forms

Bestillernr.: 153000, Tiltak: 803815

- Ask Arild, Josef, To transport to OSL (Airsped: Gardermoen Business Park, Valhallavegen 6, 2060 Jessheim)

Next: [Confirmation from recipients](#)

7. Franchise Agreement and Follow-up (Wisam & Catherine)

Checklist

- ☐ Confirmation
- ☐ Follow-up
- [] Signature of the Franchise Contract

Follow up of the equipment package until it is received at the final destination and get written confirmation, as well as, the plan of installation and operation.

% document by Brenda/Catherine for follow-up

% Wisam to extend with the Franchise agreement

Franchise Model, see: https://its-wiki.no/images/c/c8/FranchiesAgreement_BasicInternet.pdf

- Sign-up fee of 199 € (can be negotiated, e.g. for first partner in a new country)
- Monthly fee of 2 € per InfoSpot (can be negotiated down to 1 USD/InfoSpot)

OPEX ~20 USD/month (10 GB package, e.g. TZS 35.000) - sign-up

Equipment Configuration

This chapter explains our future

A.1 Future vision: Equipment, user and monitoring

RDB52G, LTE

Cable equipment

A.2 Voucher platform

% forgotten password

A.3 User feedback

A.4 Monitoring