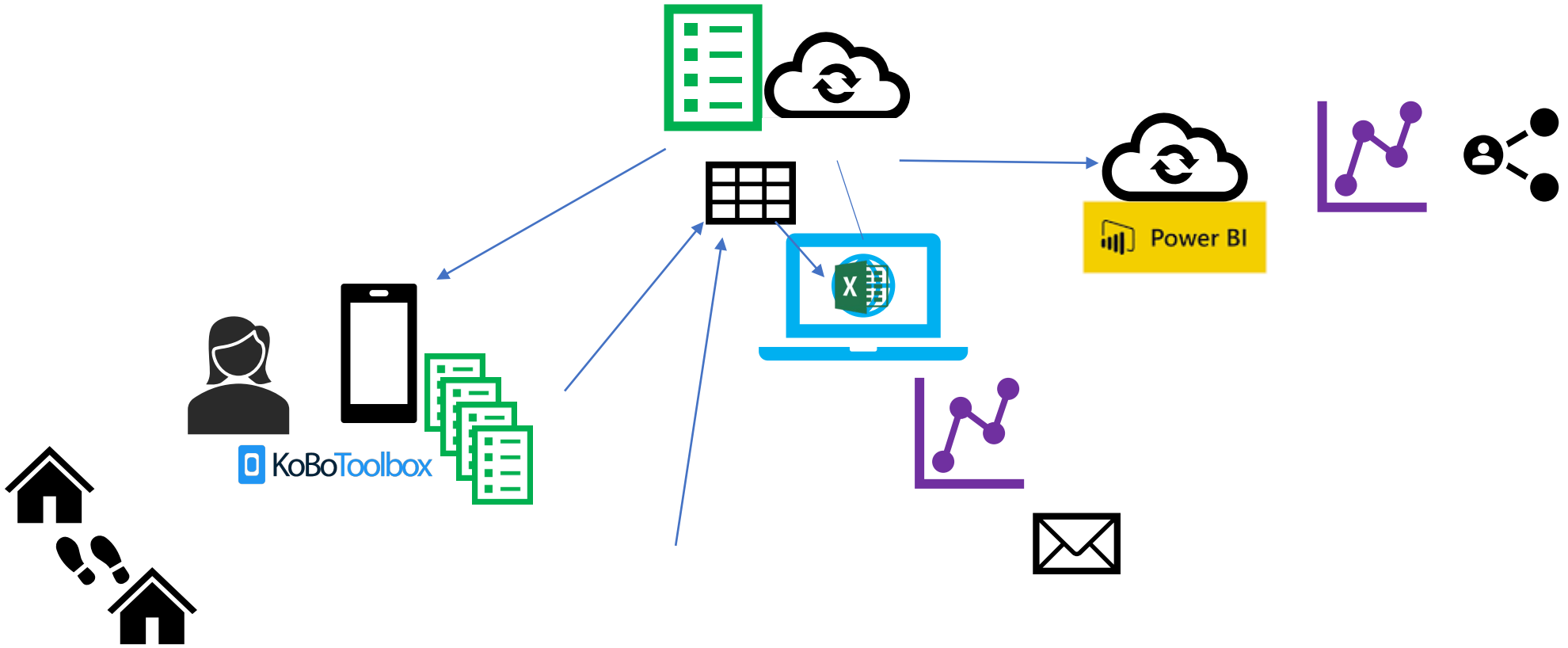
fingo

Jotta elämä olisi reilumpaa.
Ihan kaikkialla.

Orientation to digital data gathering

https://ilostat.ilo.org/topics/covid-19/covid-19-impact-on-labour-market-statistics/

How digital data gathering works?



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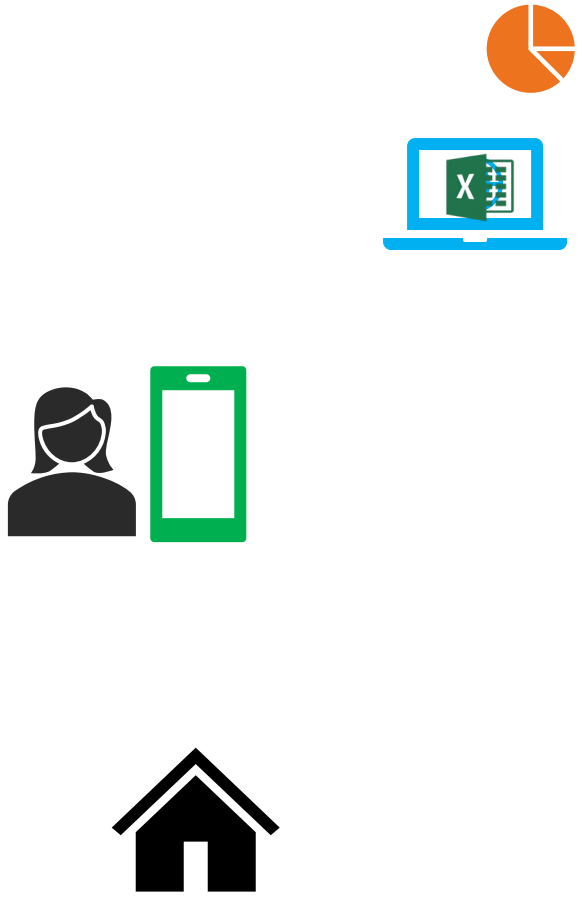
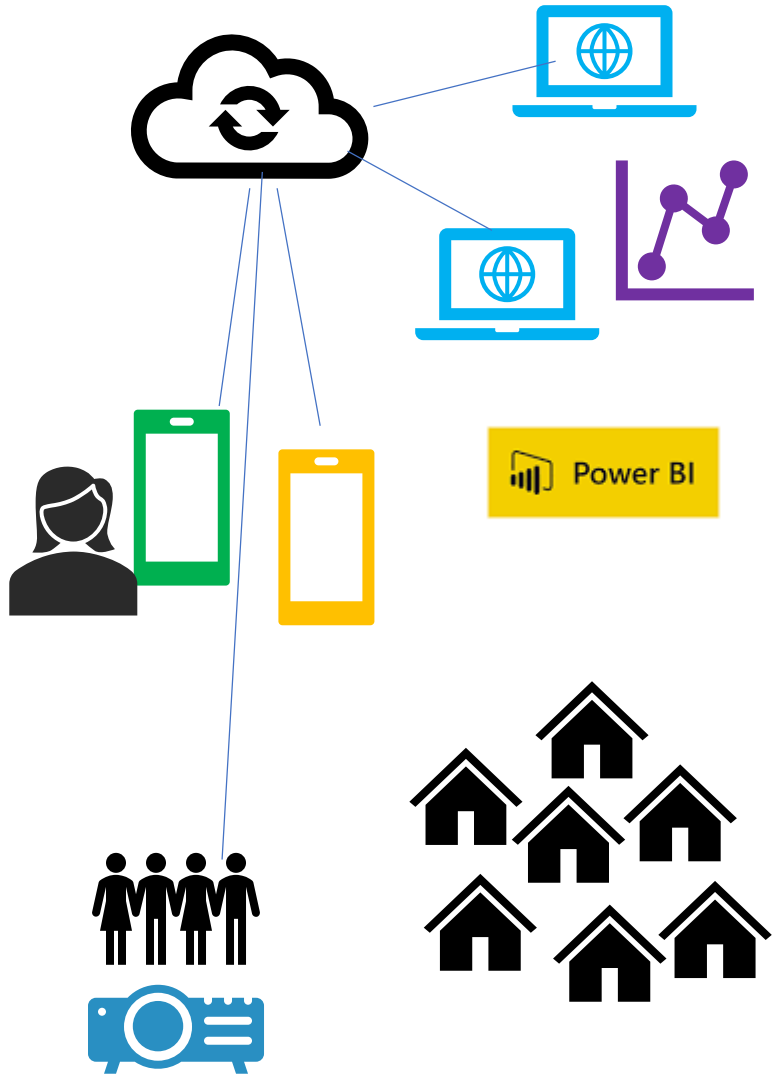


Level 1”

”Level 2”



”Level 3”

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I have the courage to talk about sexual matters with my friends
1. Strongly agree
2. Agree
3. Neither agree nor disagree
4. Disagree
5. Strongly Disagree
GOOD LUCK/ REM

Next video: How to select your mobile data gathering tool?

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OPERATING SYSTEM	CommCare	SurveyCTO	
Android	✓	✓	✓
iOS	✗	✓	✓
Symbian	✗	✗	✗
Java phones	✓	✗	✗

TYPES OF DATA COLLECTED			
Barcodes	✓		
Free Drawing	✗	✓	✓
Signature	✓	✓	✓
Images	✓	✓	✓
Audio	✓	✓	✓
Video	✓	✓	✓
GPS Coordinates	✓	✓	✓

LOGIC FUNCTIONS			
Skip	✓	✓	✓
Calculation	✓	✓	✓
Validation	✓	✓	✓

CASE MANAGEMENT			
Case Management	✓	✓	✗

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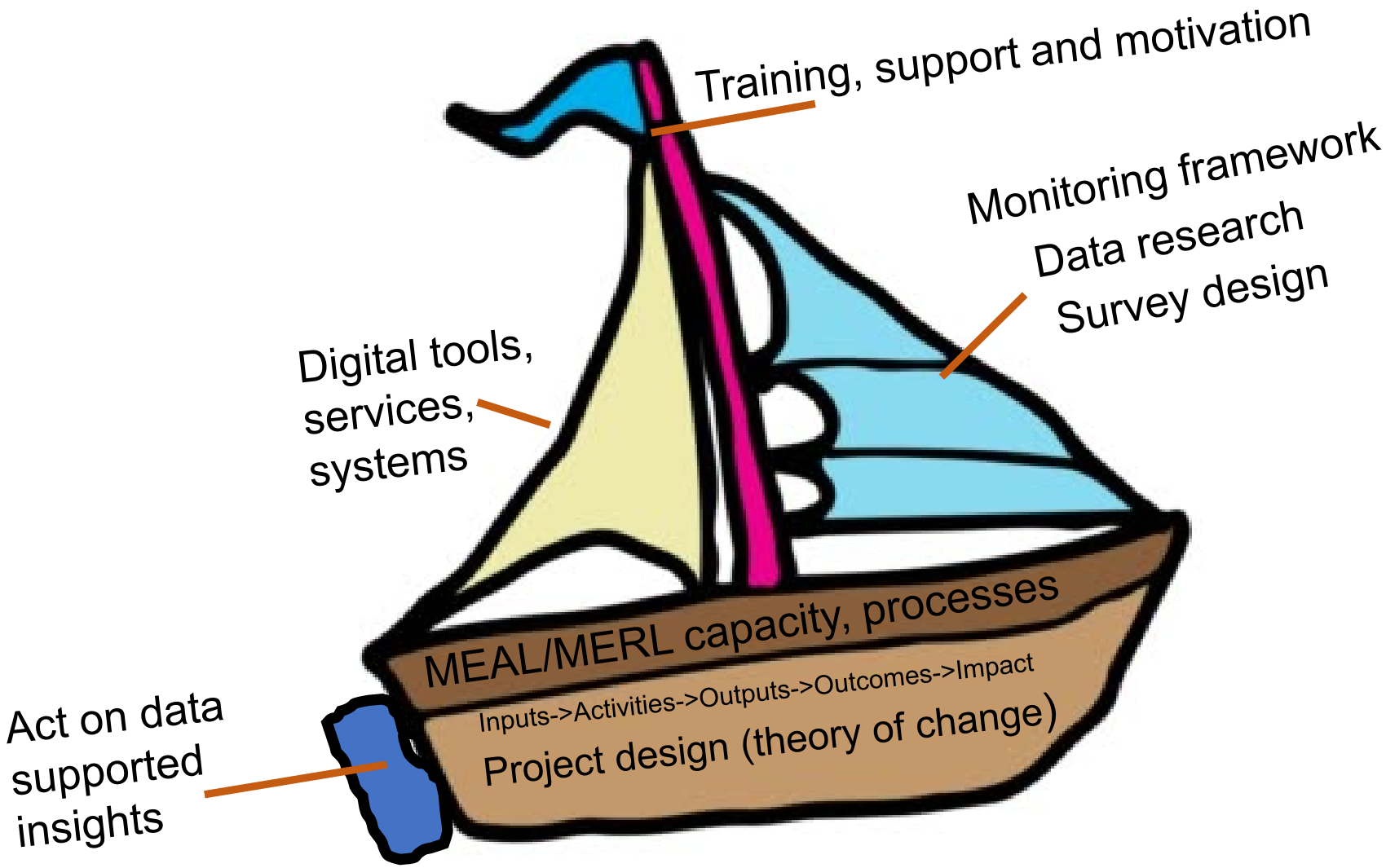
Training, support and motivation
Monitoring framework
Data research
Survey design
Digital tools,
services,
systems
MEAL/MERL capacity, processes
Inputs->Activities->Outputs->Outcomes->Impact
Project design (theory of change)
Act on data
supported
insights

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Online material

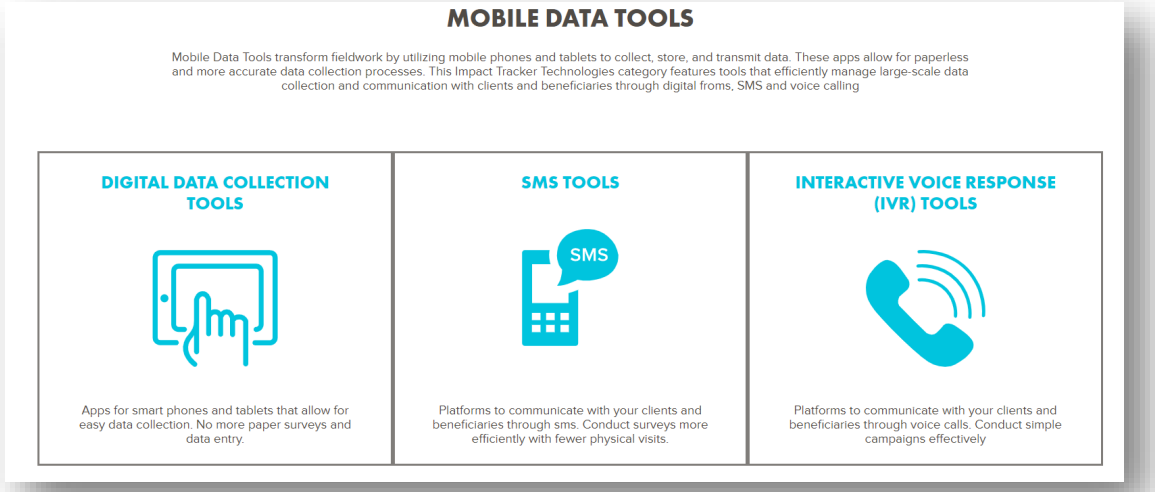
Fingo Technology Solutions Portfolio:
http://bit.do/solutionsportfolio

Kopernik Impact Tracker:
http://impacttrackertech.kopernik.info/digital-data-platform/

Fingo Technology Solutions Portfolio for CSOs

Digital Solutions http://bit.do/solutionsportfolio

	Category	Name	Organization/company	Website	Short description	Key features	Additional information	Pricing	Supporting material (videos)	Alternatives
KoBoToolbox	Digital data gathering	Kobotoolbox	Harvard Humanitarian Initiative	https://kobo.humanitarian	Digital data collection on mobile phones	Open source, works on Android and iOs, great esp. for starters, local partners.	http://impacttrackertech.kopernik.info/products/koboToolbox	Free	Videos	Link
CommCare	Digital data gathering	CommCare	Dimagi	https://www.dimagi.com/	Digital data collection on mobile phones, SMS and voice services	Proprietary platform, wide variety of feature, enterprise level user and data management.	http://impacttrackertech.kopernik.info/products/commcare	http://impacttrackertech.kopernik.info/products/commcare	Videos	Link
POIMAPPER	Digital data gathering	Poimapper	Pajat Solutions	https://www.poimapper.co	Digital data collection on mobile phones	By Finnish company, flexible user management	http://impacttrackertech.kopernik.info/products/poimapper	http://impacttrackertech.kopernik.info/products/poimapper	Videos	Link
OMBEA	Digital data gathering	Ombea	Ombea	https://www.ombea.com/	Group data gathering with clickers and internative Powerpoint slides	Portable, easy to use clickers. Integrated with Powerpoint. Grouping, anonymous responses.			Videos	
textit	SMS & voice services	Texit	Nyaruka	https://textit.in/	Create messaging and voice services / bots without coding or operator contracts	Visual Flow engine, manage campaigns, real time analytics, triggers	http://impacttrackertech.kopernik.info/products/textit		Videos	Link



MOBILE DATA TOOLS

Mobile Data Tools transform fieldwork by utilizing mobile phones and tablets to collect, store, and transmit data. These apps allow for paperless and more accurate data collection processes. This Impact Tracker Technologies category features tools that efficiently manage large-scale data collection and communication with clients and beneficiaries through digital froms, SMS and voice calling

DIGITAL DATA COLLECTION TOOLS

Apps for smart phones and tablets that allow for easy data collection. No more paper surveys and data entry.

SMS TOOLS

SMS

Platforms to communicate with your clients and beneficiaries through sms. Conduct surveys more efficiently with fewer physical visits.

INTERACTIVE VOICE RESPONSE (IVR) TOOLS

Platforms to communicate with your clients and beneficiaries through voice calls. Conduct simple campaigns effectively

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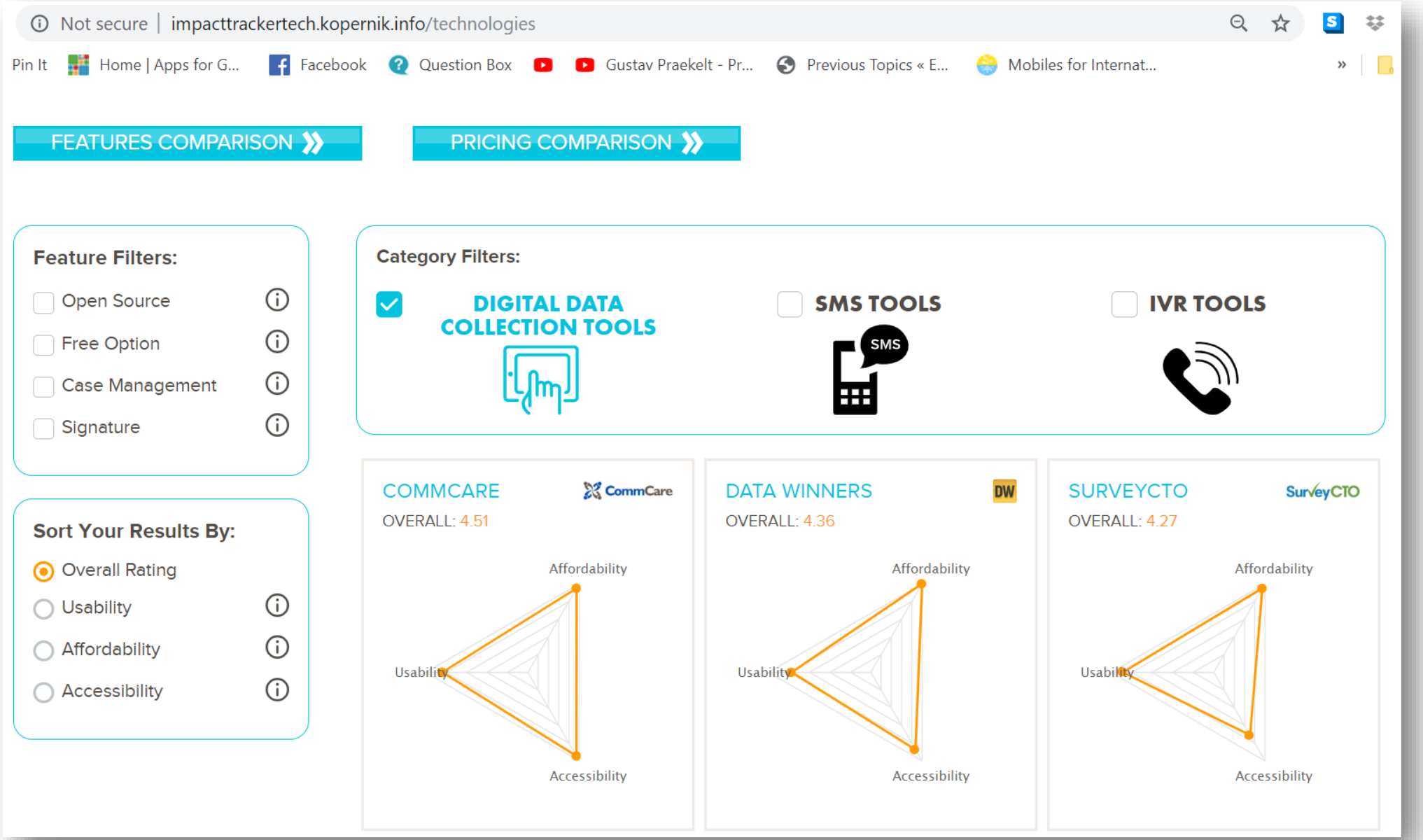
Not secure | impacttrackertech.kopernik.info/technologies
Pin It
Home | Apps for G...
Facebook
Question Box
Gustav Praekelt - Pr...
Previous Topics « E...
Mobiles for Internat...
FEATURES COMPARISON
PRICING COMPARISON
Feature Filters:
Open Source
Free Option
Case Management
Signature
Sort Your Results By:
Overall Rating
Usability
Affordability
Accessibility
Category Filters:
DIGITAL DATA COLLECTION TOOLS
SMS TOOLS
SMS
IVR TOOLS
COMMCARE
CommCare
OVERALL: 4.51
Affordability
Usability
Accessibility
DATA WINNERS
DW
OVERALL: 4.36
Affordability
Usability
Accessibility
SURVEYCTO
SurveyCTO
OVERALL: 4.27
Affordability
Usability
Accessibility

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DIGITAL DATA COLLECTION TOOLS

PRICING COMPARISON

Back to listings

Project criteria*	Project scale	Number of submission per month	Number of mobile workers
Low	Single country	1,000	40
Med	5 countries	5,000	120
High	20 countries	20,000	1000

* not accounting for specific features included (or not included) in different price points - e.g. case management features, validation checks, data analysis, etc.

Project criteria	CommCare	Data Winners	Survey CTO	Kobo Toolbox	Magpi	AkvoFlow
Low	$3,000	$1,188	$2,376	Free	$5,004	€9,170
Med	$3,000	$5,940	$11,880	Free	$5,004	€16,380
High	$24,000**	$23,760**	$44,880	Custom pricing**	$7,500	€24,000

** Price based on what is listed on the website added with additional cost (extra submissions or extra mobile workers). Discounts for scale or "Enterprise" plans are not yet included.

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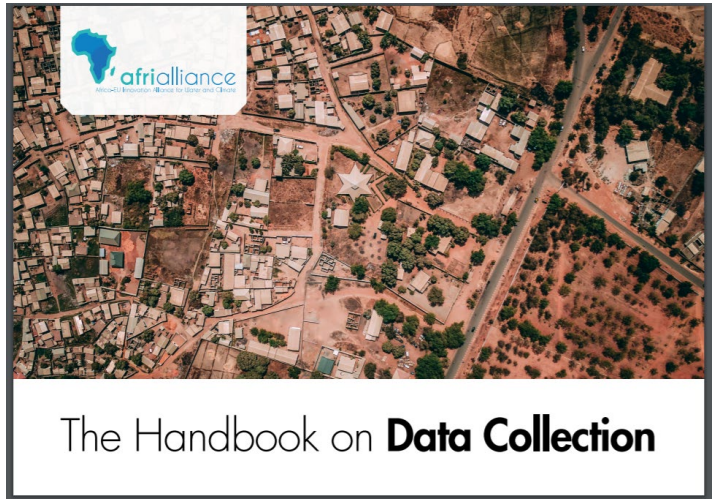
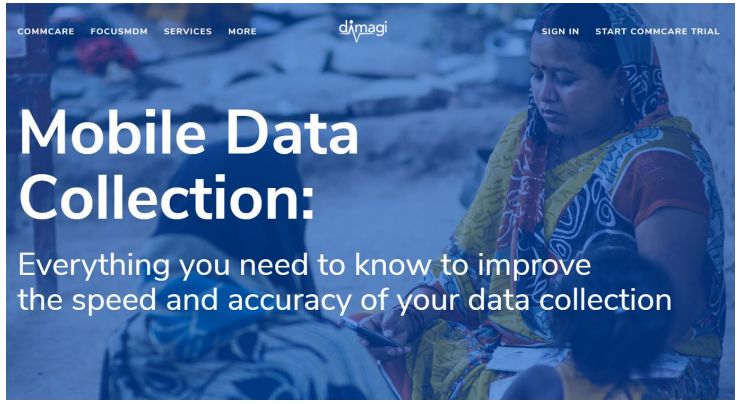


shorturl.at/biFHO



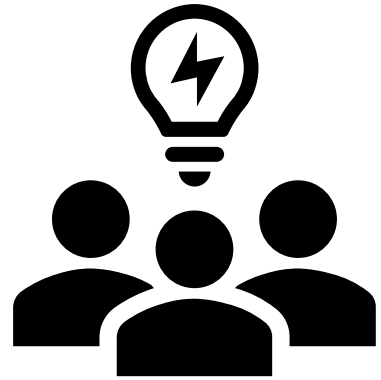
https://www.dimagi.com/mobile-data-collection/

https://shorturl.at/mzAPU

fingo

Let’s divide into groups to discuss

What would you like to learn more about? What support do you need? What activities are you interested in?



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Feedback

http://fingo.fi/kp

Koulutuspalaute - Training feedback

Palautteesi auttaa meitä kehittämään koulutustamme. Your feedback helps us to improve our training.

1. KOULUTUKSEN NIMI - NAME OF THE TRAINING *

Evaluointikoulutus/EVA-11 PÄIVÄ 1

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Jotta elämä olisi reilumpaa.
Ihan kaikkialla.

This session
will be recorded

Digital data gathering, analysis and visualization part 2

Please add your name to the participant list: https://bit.ly/2zJ9NG4

House rules:

1. Test your video and microphone (say hello to everyone!) now
2. During the session keep yourself muted & video off unless you are talking to others
3. Feel free to write a comment, question or ask for an opportunity to speak in the chat window at any time.

Agenda for today:

- How to choose the best mobile data gathering tool for your organization?

  [break for 5 mins]

- How group data gathering tool Ombea works?
  In collaboration with International Solidarity Foundation.

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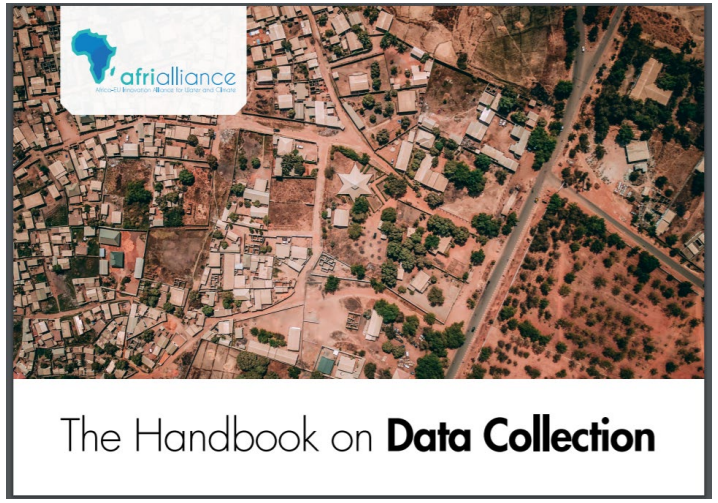
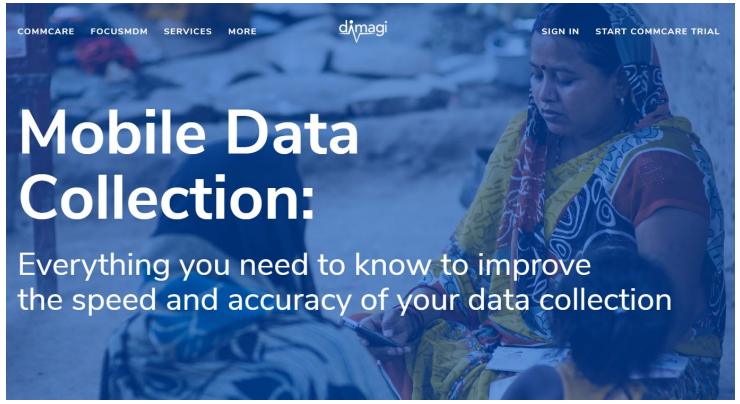


https://bit.ly/2Z5kDRr



https://www.dimagi.com/mobile-data-collection/

https://shorturl.at/mzAPU

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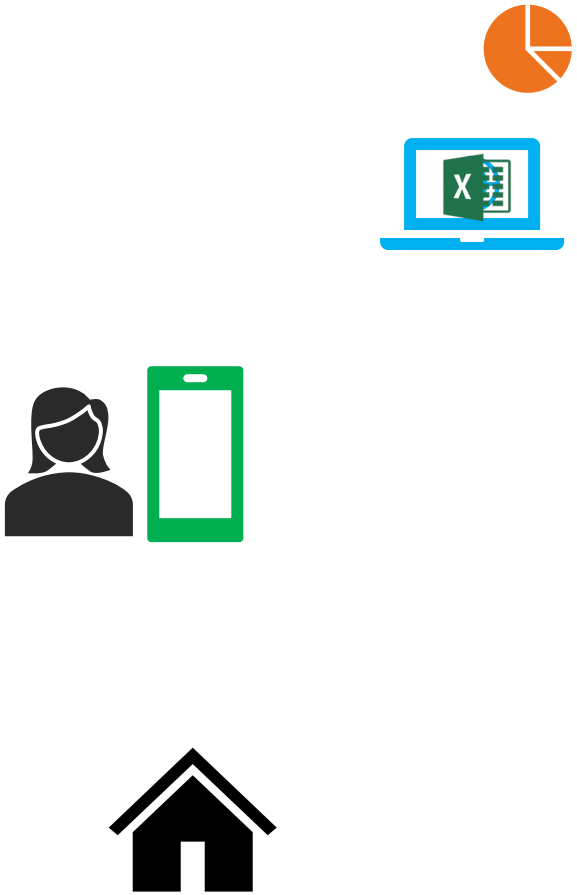
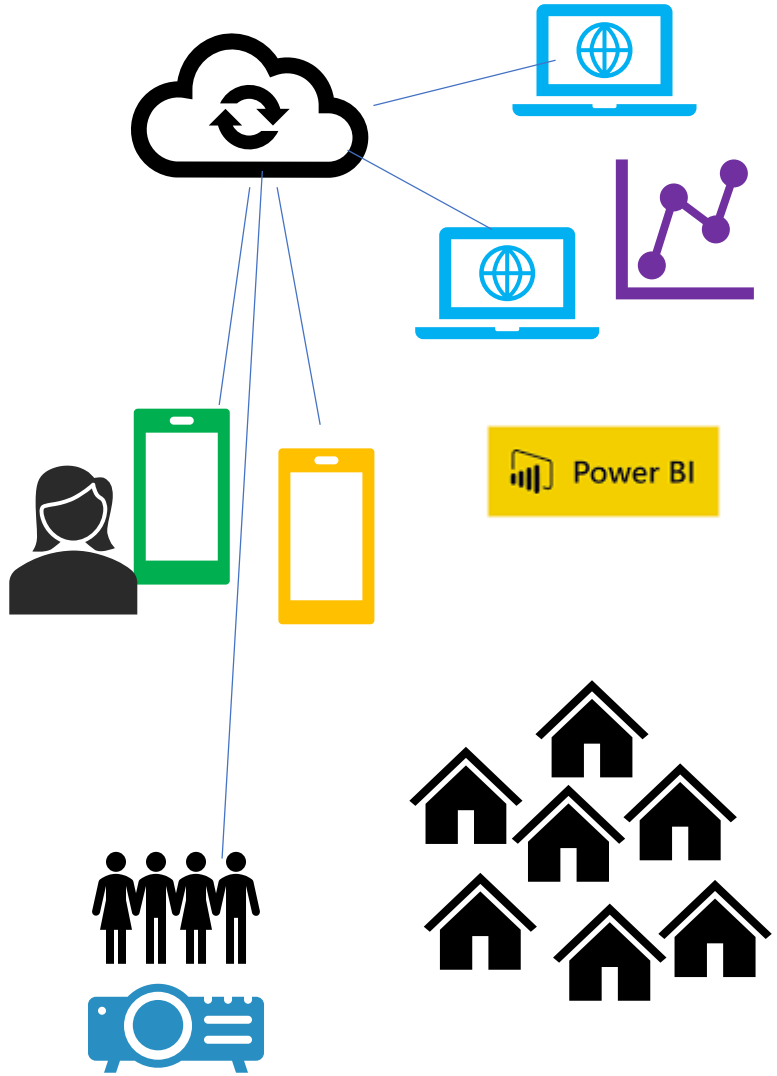


Scenario A

Scenario B



Scenario C

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Selection of digital data collection tools for comparison

akvoflow

POIMAPPER

CommCare

magpi

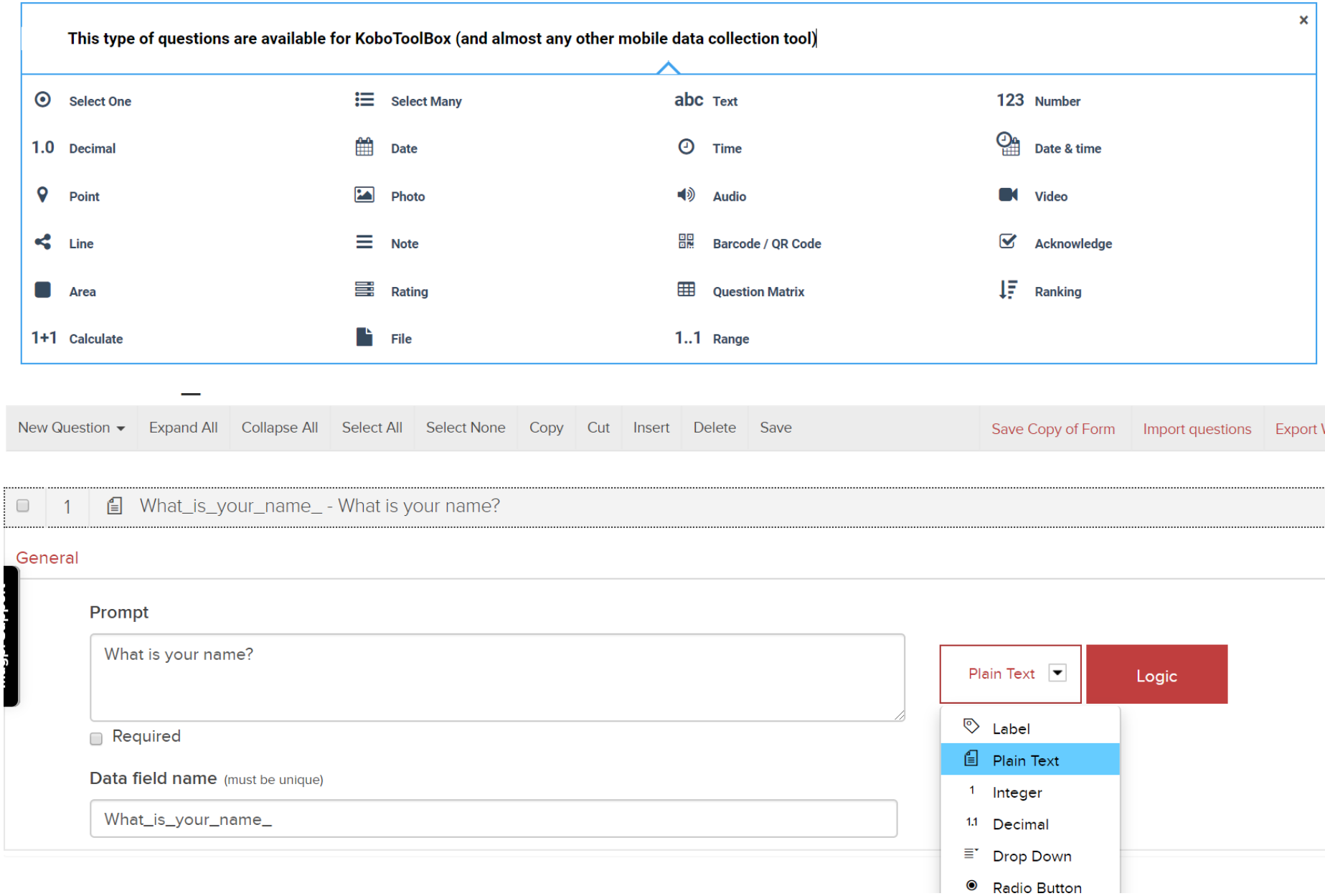
SurveyCTO

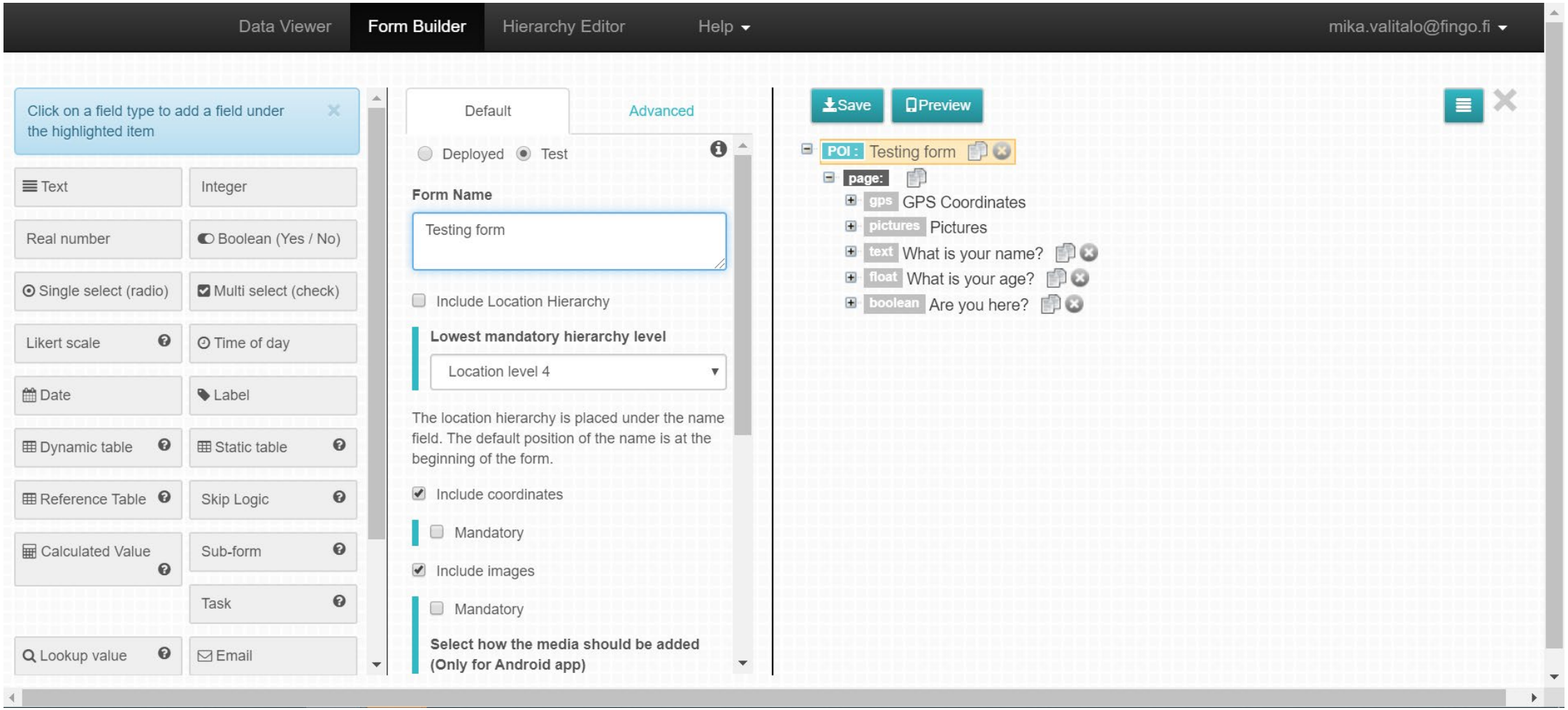
KoBoToolbox

What should you look at when selecting your mobile data gathering tool

Criteria	Explanation
Form editor	User friendliness of the form (survey) editor
Web-forms	Is it possible share and fill in forms via a web browser in addition to the mobile app?
iOS compatible	Is there a native iOS app in addition to Android one?
Integration to other apps – Zapier	Is it possible to connect to other online software (e.g. for visualization) via Zapier link?
Sharable online dashboard	Ability to directly share data as visualised online dashboards?
User management	How easily it's possible to create new users, users roles, groups as well as separate & link groups of users and forms?
Support	How extensive, accessible and knowledgable is the user support?
Consultation services	Are there additional consultation services available (e.g. for training, creating M&E systems etc.)
Skip logic	Proxy indicator for user friendliness of the form buider: How well is skip logic implemented in the form builder? Does require complicated syntax or is there also more user friendly alternatives?
Case-management	Does the tool manage cases? I.e. instead of snapshot data collection, is it possible to create cases (e.g. patients) and collect data for each case (e.g. medical records and follow-up on each patient)?
Costs at scale	What's the increase of annual fees when scaling up from a few projects to federaation wide implementation (dozens of countries, hundreds of projects, thousands of users)

Form editor


This type of questions are available for KoboToolBox (and almost any other mobile data collection tool)
Select One
Select Many
Text
Number
Decimal
Date
Time
Date & time
Point
Photo
Audio
Video
Line
Note
Barcode / QR Code
Acknowledge
Area
Rating
Question Matrix
Ranking
Calculate
File
Range
New Question
Expand All
Collapse All
Select All
Select None
Copy
Cut
Insert
Delete
Save
Save Copy of Form
Import questions
Export Word
1
What_is_your_name_ - What is your name?
General
Prompt
What is your name?
Required
Data field name (must be unique)
What_is_your_name_
Plain Text
Logic
Label
Plain Text
Integer
Decimal
Drop Down
Radio Button


Data Viewer
Form Builder
Hierarchy Editor
Help
mika.valitalo@fingo.fi
Click on a field type to add a field under the highlighted item
Text
Integer
Real number
Boolean (Yes / No)
Single select (radio)
Multi select (check)
Likert scale
Time of day
Date
Label
Dynamic table
Static table
Reference Table
Skip Logic
Calculated Value
Sub-form
Task
Lookup value
Email
Default
Advanced
Deployed
Test
Form Name
Testing form
Include Location Hierarchy
Lowest mandatory hierarchy level
Location level 4
The location hierarchy is placed under the name field. The default position of the name is at the beginning of the form.
Include coordinates
Mandatory
Include images
Mandatory
Select how the media should be added (Only for Android app)
Save
Preview
POI : Testing form
page:
gps GPS Coordinates
pictures Pictures
text What is your name?
float What is your age?
boolean Are you here?

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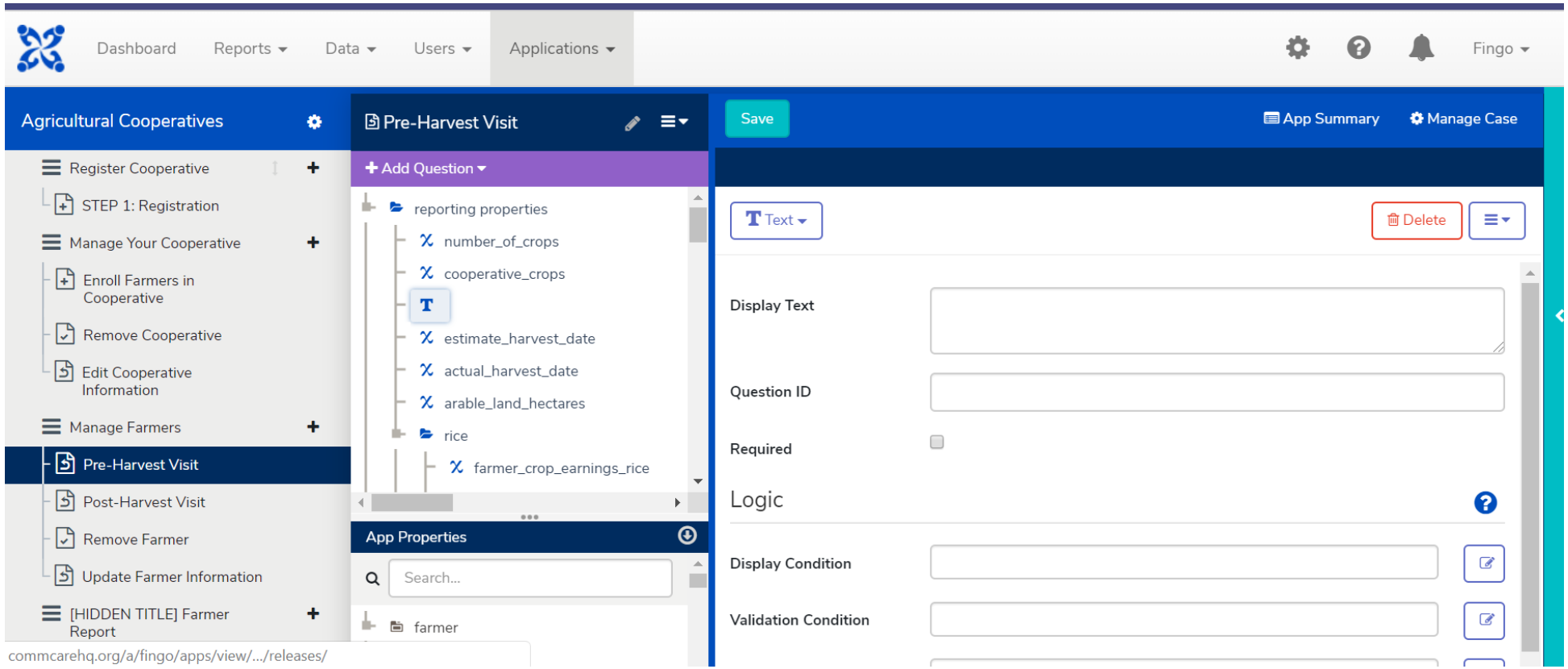

[3] Akvoflow
[3] Poimapper
[4] CommCare
[3] Magpi
[5] SurveyCTO
[5] KoboToolbox

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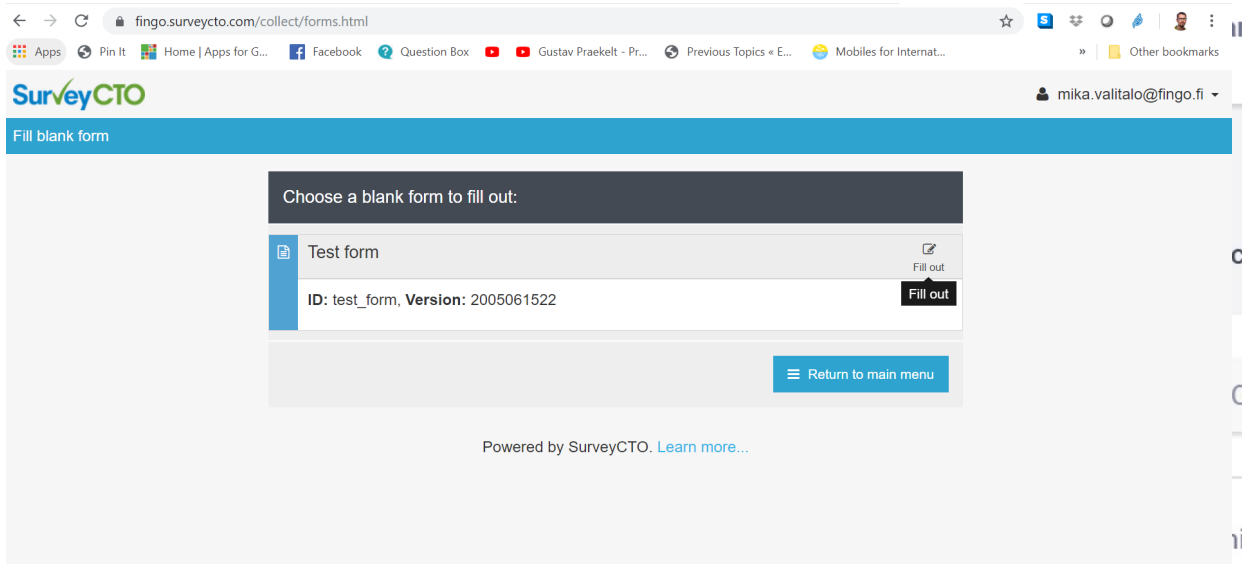
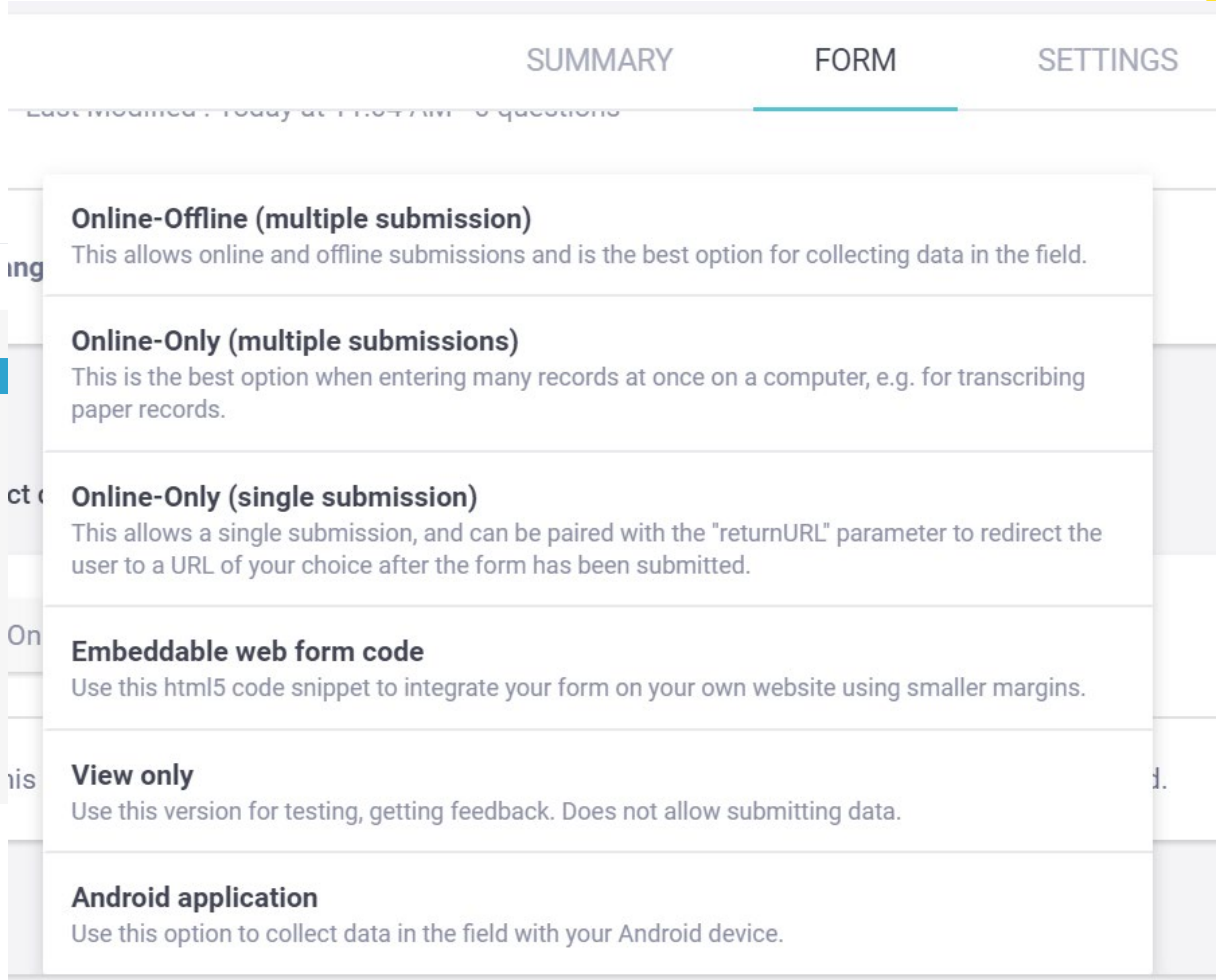
Data collection methods (incl. web forms)





KoBoToolbox

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Platform compatibility

FEATURES	
OPERATING SYSTEM	
Android	✓
iOS	✗
Symbian	✗
Java phones	✓

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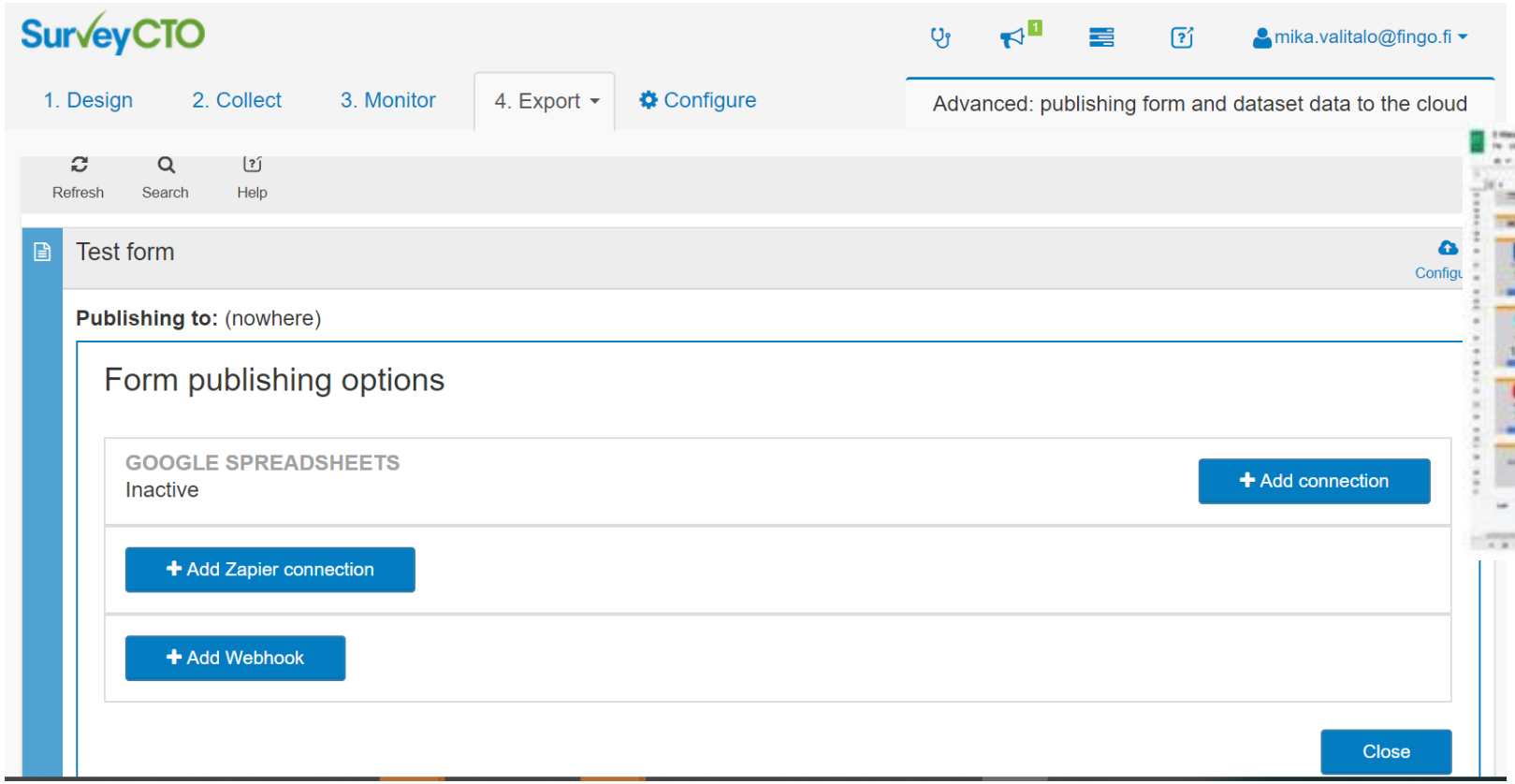
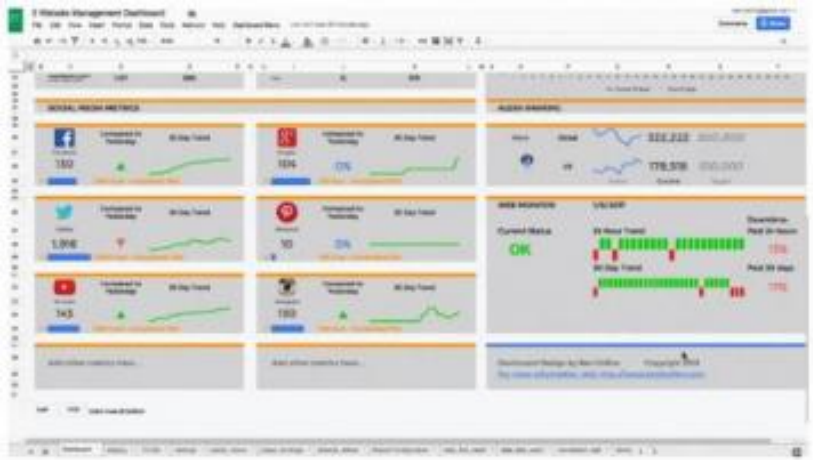
Integration to other apps





[N] Akvoflow
[Y] Poimapper
[Y] CommCare
[Y] Magpi
[Y] SurveyCTO
[N] KoboToolbox

https://www.betterevaluation.org/en/resources/10-techniques-building-google-sheets-dashboard

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Sharable online dashboards

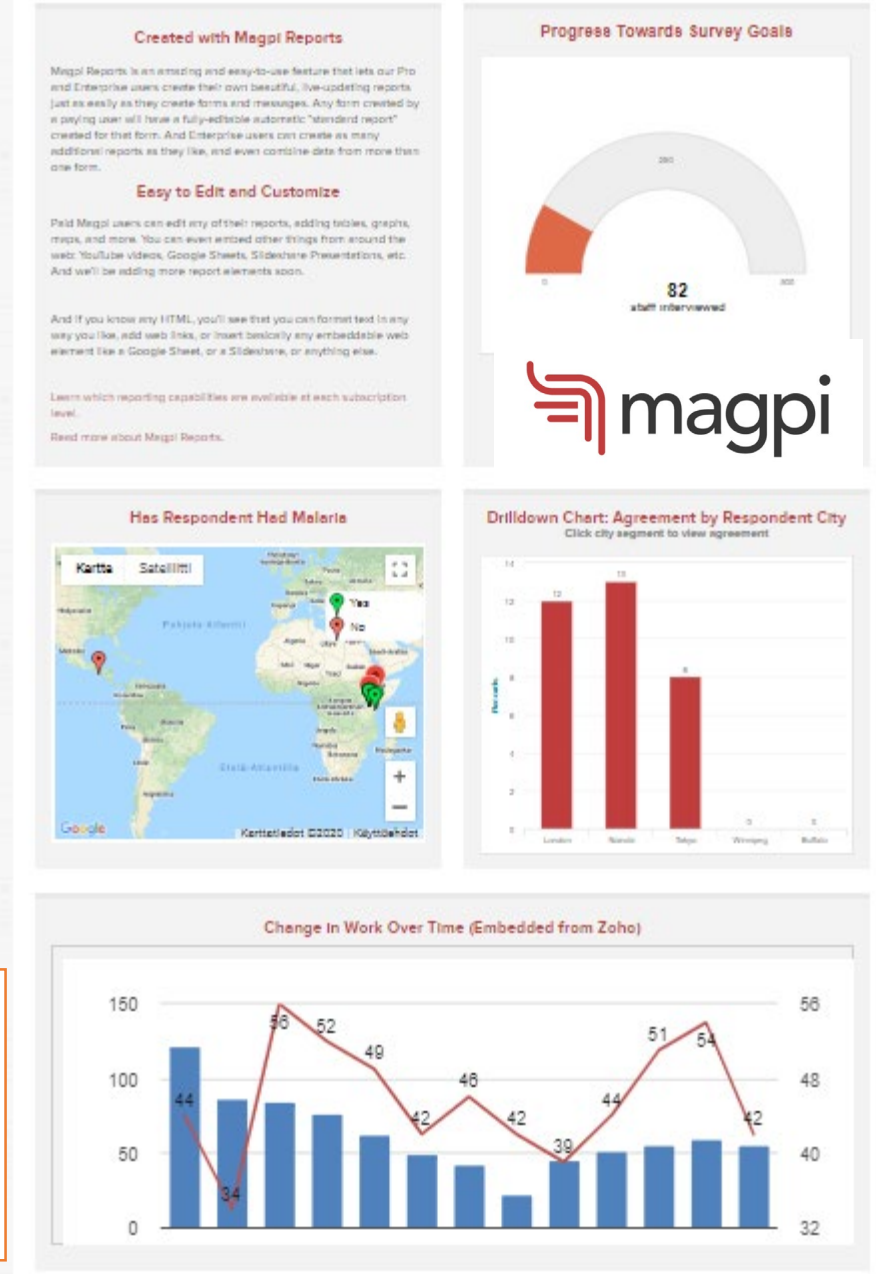
akvoflow → akvolumen → akvorsr / akvosites

Verified
Location / Time
Phone ID / Content

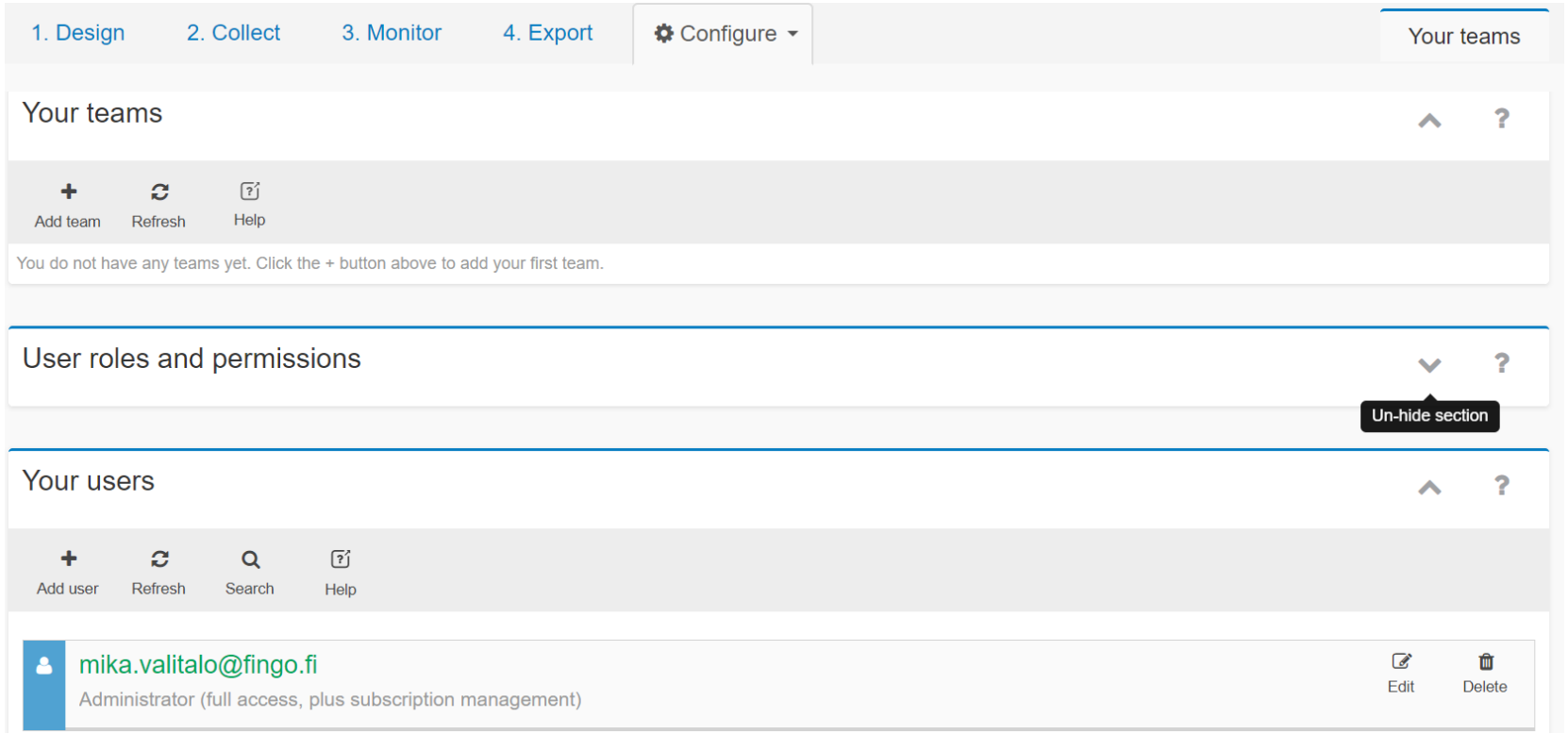
Visualised
Maps / Graphs
Dashboards

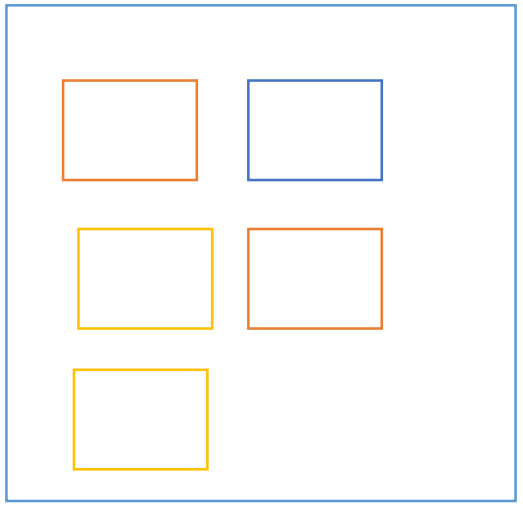
Published
Akvo Sites
Akvo RSR
Other websites

[Y] Akvoflow
[N] Poimapper
[N] CommCare
[Y] Magpi
[N] SurveyCTO
[N] KoboToolbox



User management





[Y] Akvoflow
[Y] Poimapper
[Y] CommCare
[Y] Magpi
[Y] SurveyCTO
[N] KoboToolbox

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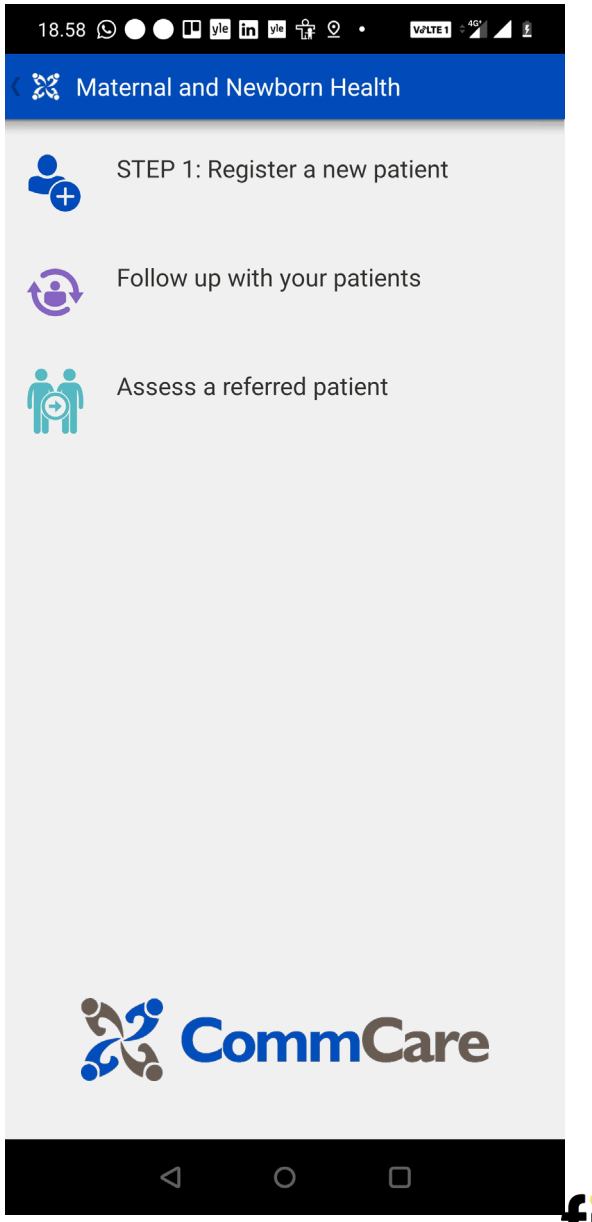
Case-management

[N] Akvoflow
[Y-] Poimapper
[Y+] CommCare
[Y-] Magpi
[Y-] SurveyCTO
[N] KoboToolbox



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Support & training

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Cost at scale

DIGITAL DATA COLLECTION TOOLS

PRICING COMPARISON

« Back to listings

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** Price based on what is listed on the website added with additional cost (extra submissions or extra mobile workers). Discounts for scale or "Enterprise" plans are not yet included.

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akvoflow

Highlights

- Integrated data cleansing, handling and visualization capabilities when combined with akvolumen
- 'Monitoring' feature to help with measuring changes in variable indicators over time*

- **Shortcomings**
- No web based form sharing and filling
- Gmail account needed for all users
- AkvoLumen dashboard needs manual updating
- No Zapier nor Googlesheet integration

POIMAPPER

Highlights

- Granular user group structure management
- Android and iOS apps + Web based forms
- Access and review of history data (ability to update collected information)
-

Shortcomings

- Usability is not as clear and concise as in some other similar tools
- Not fully finalized

- **Highlights**
- Strong on case management
- Advanced user and organisational management
- Extensive online user support & material.
- Large user based and reference record.
- SMS and IVR support
- **Shortcomings**
- Quite complex and initially hard to grasp ’app-approach’.
- Good for large scale deployments, but need more user support and management than other solutions.
- No online dashboards (except sharing via email or Zapier)

- **Highlights**
- Easy to use integrated online dashboard creation and sharing
- Supports SMS and IVR data collection
- Cost effective enterprise level subscription
- **Shortcomings**
- Limited web forms
- Slightly difficult user interface
- No case management

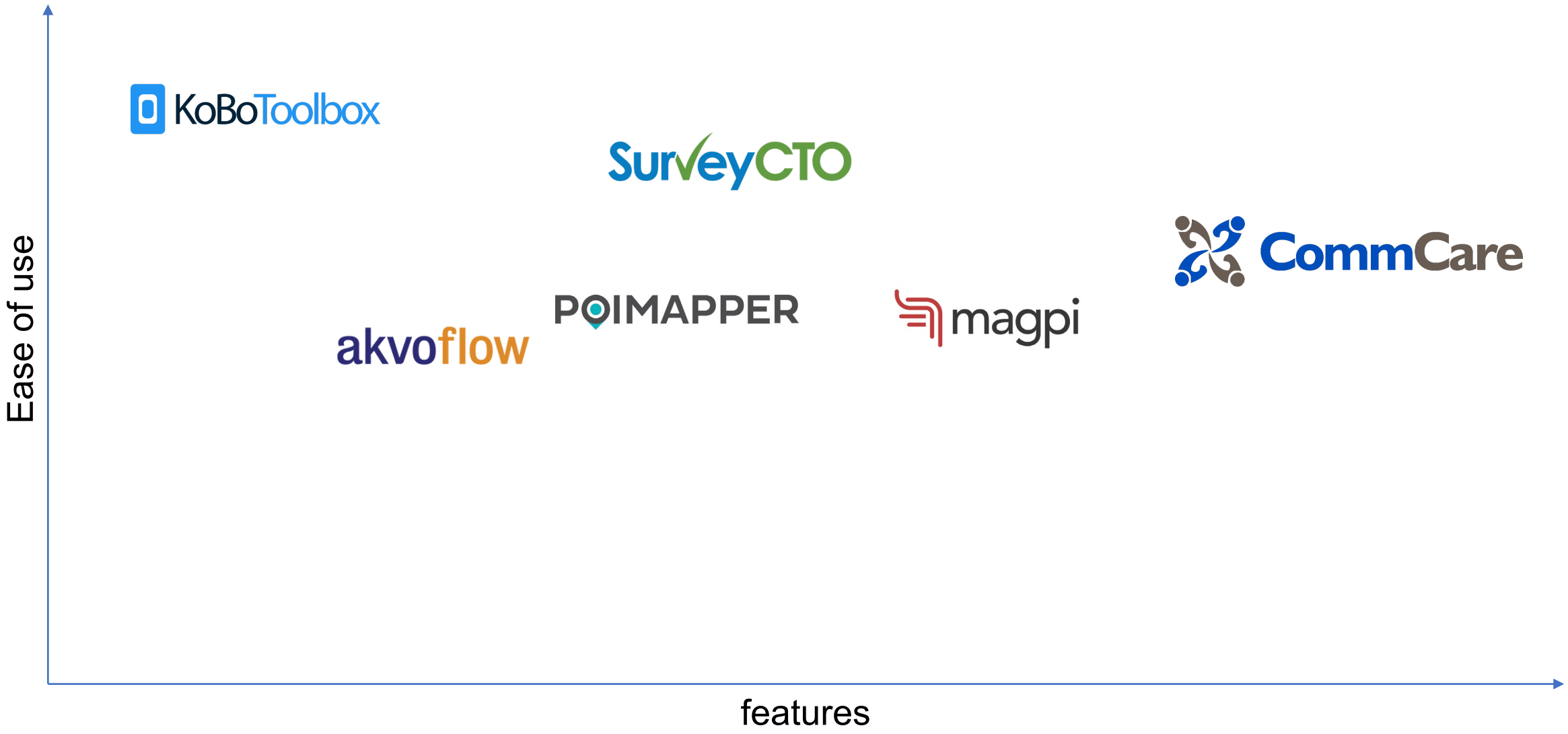
• Review of each tool

SurveyCTO

- **Highlights**
- ODK based, familiar to e.g. KoboToolBox users.
- Can automatically stream data to Google Sheets and Fusion Tables.
- Easy to use form builder with help available at each step.
- Audio quality checks (records audio samples during interivews for background quality control)
- **Shortcomings**
- No integrated visualisations or dashboard (but easy link to GoogleSheet and via Zapier)
- No SMS or IVR features
- User and form management can get cluttered if trying to handle a high number of projects. Nested grouping / hiearchy not possible.

KoBoToolbox

- **Highlights**
- Free, open-source tool
- Widely used
- Clear user-interface
- Does well Android and webforms.
- **Shortcomings**
- No Zapier or other cloud connection to other tools
- No user management, no separate teams or user profiles


KoBoToolbox
SurveyCTO
CommCare
POIMAPPER
akvoflow
magpi
Ease of use
features

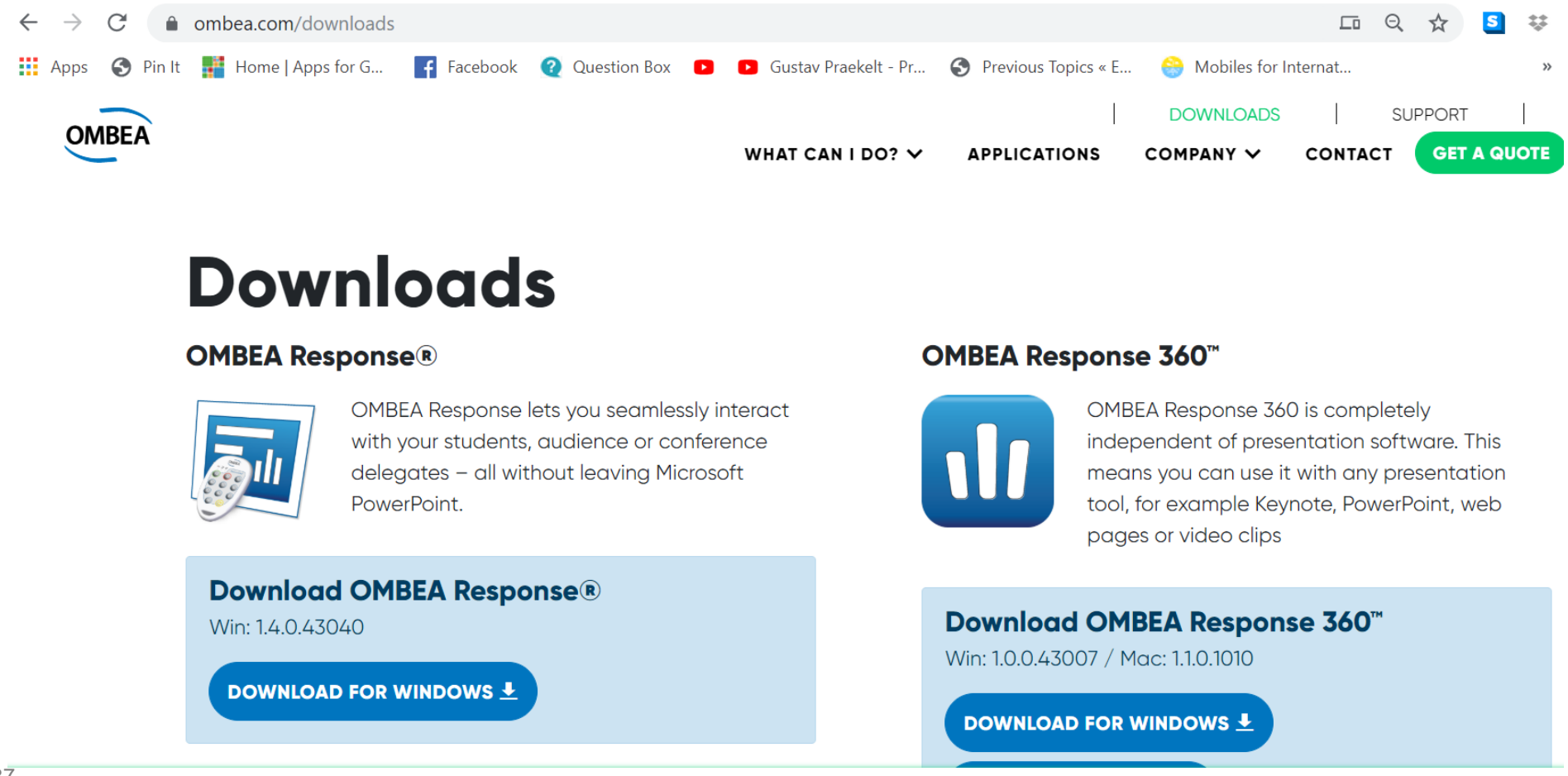
fingo

Jotta elämä olisi reilumpaa.
Ihan kaikkialla.

Solidaarisuus

Group data gathering with Ombea

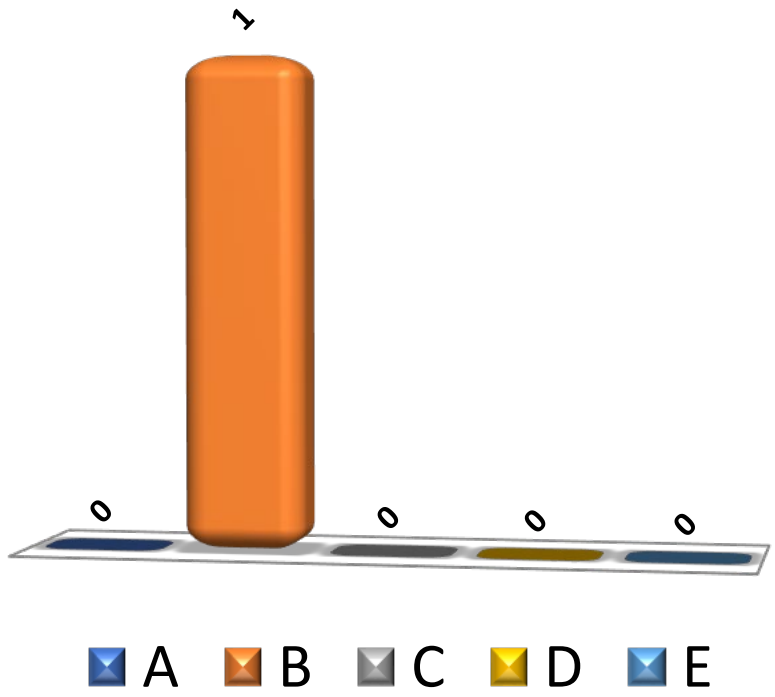
Getting started



fingo

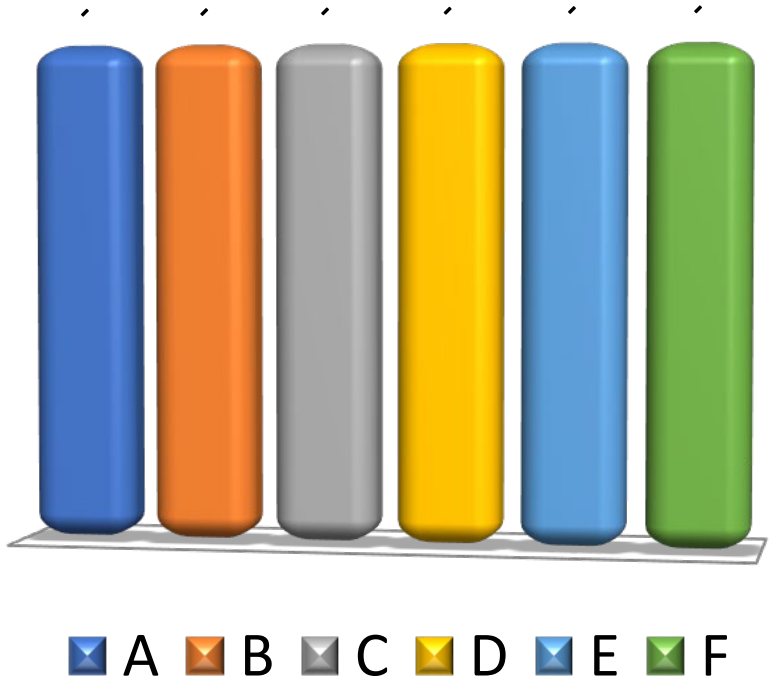
What is your favourite colour?

A) Blue
B) White
C) Red
D) Yellow
E) Green



Which of these countries have you visited?

A) Finland
B) Uganda
C) Sweden
D) Australia
E) Canada
F) India



Kindly give anonymous feedback for this training session:

https://bit.ly/3cAcN6s