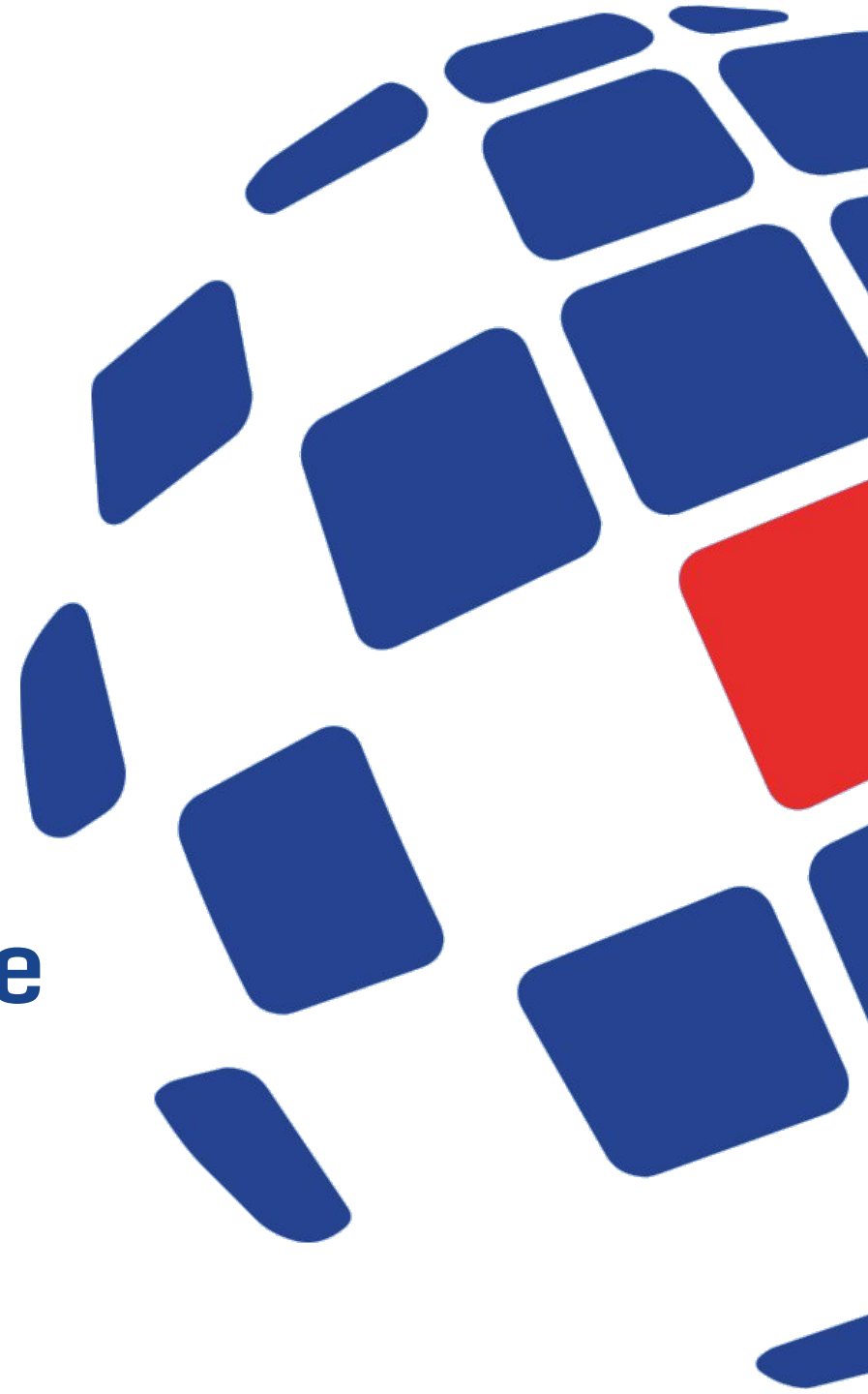October 2023 - Dominica

Field Data Collection using the KoBo Toolbox

Why collect field data?

All data comes from somewhere

- Organisations gain access to the most critical information by collecting data in "the field".

Collected field data can be used for analysis

- Analysis of this data can give a clearer view of a situation and whether it is evolving.

Changing situations require (re-)collection of data

- Sometimes, data becomes obsolete due to evolving situations. Such data then needs to be recollected to keep up to date.

What is KoboToolbox?

KoboToolbox is a free open-source tool for mobile data collection

- Data using this tool can be collected using mobile devices such as phones and laptops

KoboToolbox is optimised for humanitarian data collection

- Offline functionality allows surveyors to access remote locations
- Surveys can be designed quickly and easily in urgent and harsh situations.
- Paper forms can be integrated with KoboToolbox

Advantages of mobile data collection

It is faster

- Data does not need to be transcribed from paper to computers before it can be analysed
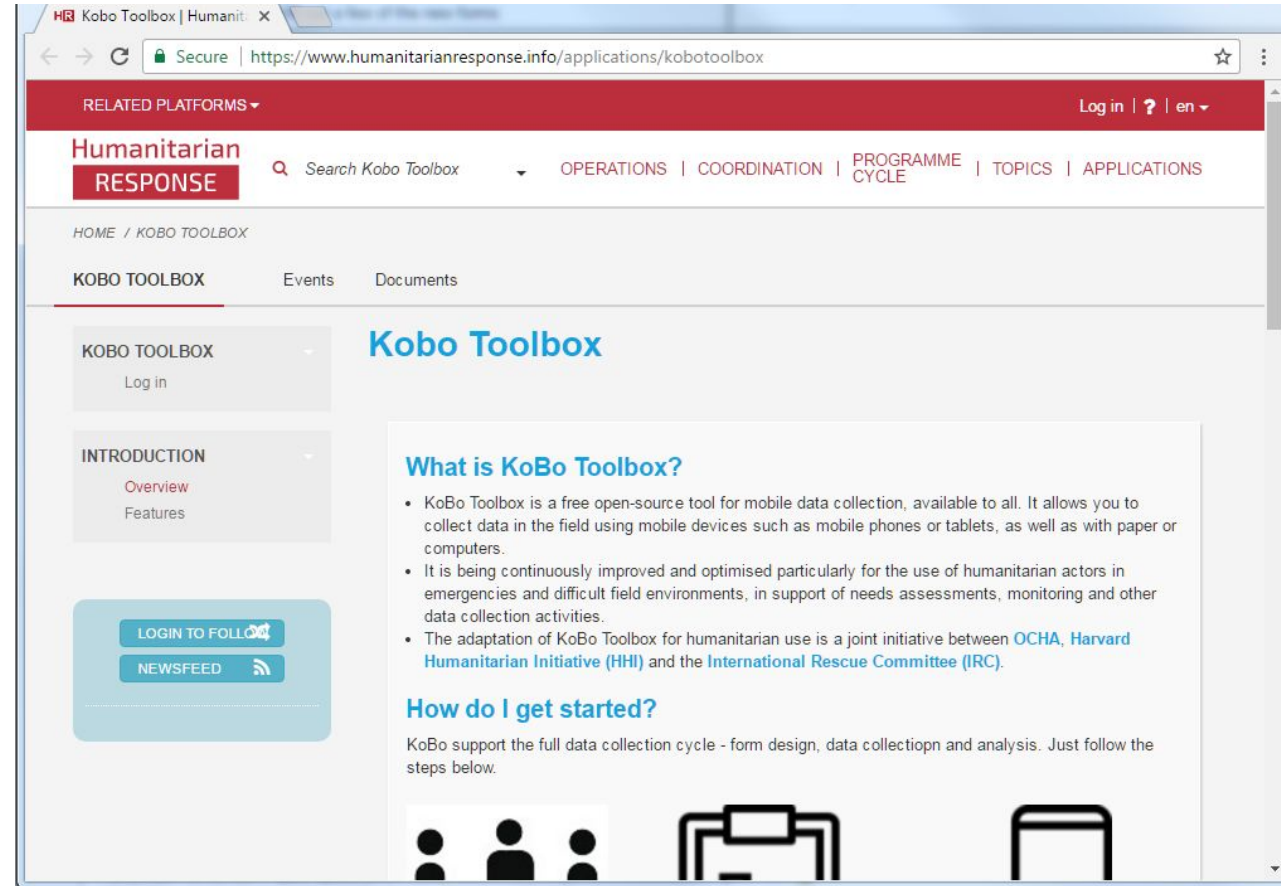
It is more accurate

- Input errors can be minimised from data validation when answering questions in real-time.

It enables multiple data types

- Locations, photos, recordings can be integrated as responses alongside traditional text and choices

KoBo: Guidance

www.humanitarianresponse.info/applications/kobotoolbox

KoBo Toolbox Exercise

Aim

- To implement a primary data collection project

Groups

- Teams of 2

Equipment

- Laptop
- Smartphone or tablet

Instructions

- See separate sheet

Steps in a Data Collection Project

KoBo: Build a form

- Using Kobo Toolbox
- Based on existing paper form

KoBo: Deploy the form

To Chrome browser

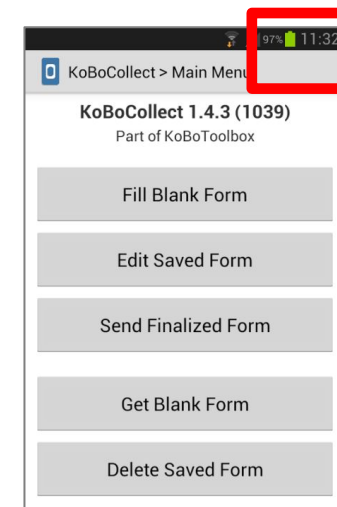https://ee.kobotoolbox.org/....
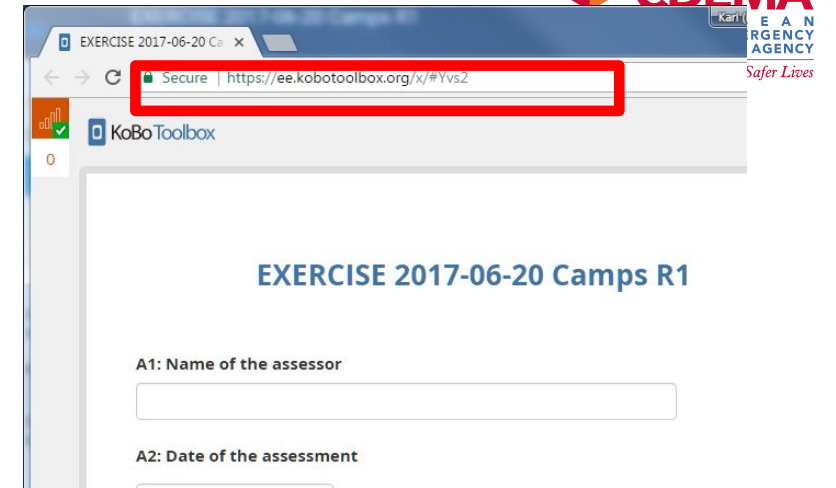
To KoBo Collect app

Settings > General Settings > URL > https://kc.humanitarianresponse.info/<your_user_name> > Exit Settings
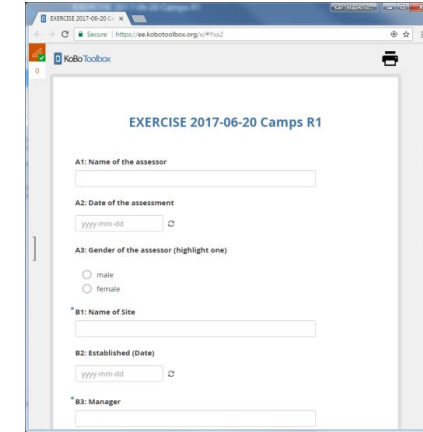
Get Blank Form >
EXERCISE 2017-06-20 Camps R1

KoBo: Collect

In Chrome browser
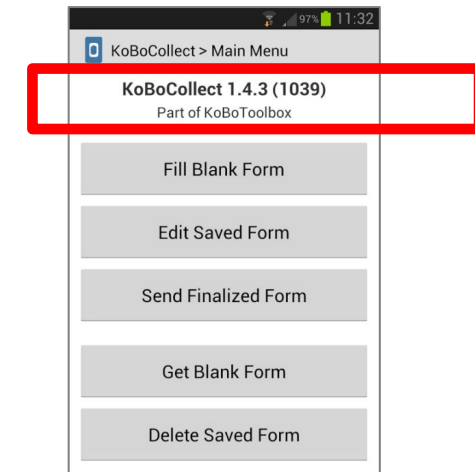Fill out your data collection forms in
the browser.
You can work offline. Forms are cached.
See left slider for upload queue.

In KoBo Collect app
1. Tap Fill blank form
2. Select a form
3. Fill the form
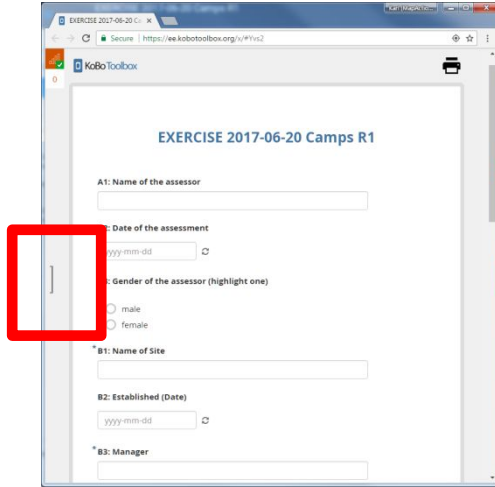4. 'Save Form and Exit' - check 'finalized'
5. Repeat

KoBo: Collect
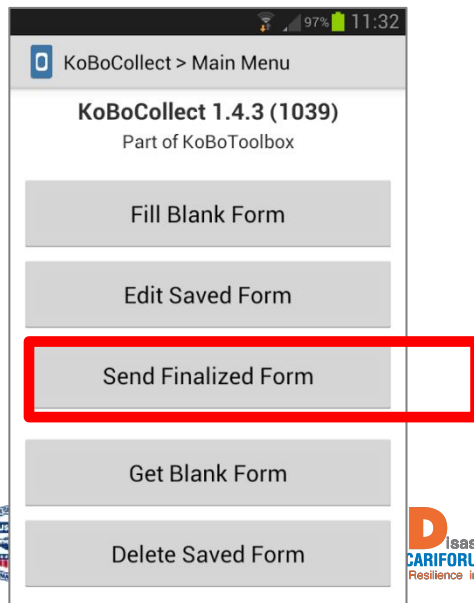
In teams of 2, go outside, survey at least 5 sites

KoBo: Aggregate

You returned from field data collection. Your device is online again.

You collected data in the Chrome browser

See left slider for upload queue

You collected data in the KoBo Collect app

> Send Finalized Form

KoBo: Analyse

Use built in KoboToolbox tools

Leverage KoboToolbox Excel Data Analyser

Download data and make a map!

Use laptop/PC

<u>Instructions Here</u>
(Day 2 -> Tutorials -> Kobo Practical Primary data collection...)

QUESTIONS?

Natural **D**isaster **F**acility
in the **CARIFORUM** Programme
Building Resilience in the Caribbean

This programme is gratefully supported by

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