SMART SURVEY PROGRAMMING FOR MOBILE
Online training

GOAL

Smart Survey Programming for Mobile guides you in the digital collection of data by responding to the needs of coffee enterprises to move away from compiling information through pen and paper and start maximizing efficiency through collecting data on mobile devices. By participating in this training program, you are guided through the fundamentals of why and how keeping high-quality data is key for guaranteeing positive results across the board. You will be able to create digital surveys for all your contextual needs, starting to collect data from field operations, best agricultural practices of your smallholder farmers, post-harvesting processing, auditing, certifications, inventory, and much more.

In the Smart Survey Programming for Mobile, you will:
- Learn basic concepts of programming in ODK using Microsoft Excel.
- Practice the development and design of a standard smart survey, with text, multiple questions, the capture of the image, and geo-referencing;
- Include specific functions for automated calculations, dependent and conditional questions following more advanced data collection needs;
- Create a Kobotoolbox account (free of charge) and be able to perform real, offline-online mobile system testing.

The perfect candidate for the training are:
Origin coffee professionals, such as cooperative leaders, small exporters, farmer associations, farm owners, and field agents.

HOURS

The Smart Survey Programming for Mobile is a 4-week training program. It offers 12 hours of live virtual group sessions held on Zoom that combine classes with practical exercises.

Smart Suvey Programming for Mobile - Program Outline		
Week	**Session**	**Virtual class topics**
1	Basic concept of programming through ODK	**Virtual group class (3 hours)** 1. Introduction to smart mobile surveys: why and what for. 2. Mobile platforms based on ODK/Kobotoolbox: a step-by-step guide on how they work. 3. Programming in ODK with Excel: fundamentals. 4. Practical case studies: internal inspections, warehousing, technical assistance reporting, accounting, and expenditure records. **Individual practical activity:** Kobotoolbox account creation **Product:** Practical understanding of the functioning of online surveys based on contextualized needs
2	Foundational survey development and programming	**Virtual group class (3 hours)** 1. The foundation of developing surveys through Excel. 2. Programming typical questions: Texts, Dates, Numerical, Selection, Image, Georeference. 3. Form appearance customization: a group of questions, required questions, and appearance dynamics. 4. Guided practice based on the development of a standard survey. **Individual practical activity:** Building a survey with basic questions **Product:** Survey design to collect basic digital information
3	Georeferencing	**Virtual group class (3 hours)** 1. The foundation of georeferencing 2. Designing and programming dedicated questions for GIS 3. Making the best use of GIS information: analysis and mapping **Individual practical activity:** Survey development for georeferencing GPS points and polygons **Product:** Survey design to collect GIS information required by EUDR

4	Advanced survey development and programming	**Virtual group class (3 hours)** 1. Advanced functions and why use them. 2. Guided group practical activity through Excel: conditional, dependent, and calculated questions. 3. Individual online practical activity through Excel. **Individual practical activity:** Survey development and programming with advanced functions **Product:** Survey design to collect advanced digital information
5	Best design practices and final work.	**Virtual group class (3 hours)** 1. Best practices for intelligent survey design and best user management. 2. Design of personalized surveys and adaptation for digitization. **Individual practical activity:** Design of a full survey based on individual and contextual needs. **Product:** Development of a final survey to be implemented in the organization, data collected and visualized.

VENUE REQUIREMENTS

All participants must have access to a reliable internet connection in a quiet space without ambient noise (i.e. not in a roastery or café, or driving). Headsets are recommended. You are expected to treat each class session as a "live course" and be prepared to take notes as relevant. You should arrive at least 5 minutes before the start of the first class session, and at least 2 minutes before the start of the remaining sessions.

EVALUATION FORMAT

Successful completion of the Smart Survey program requires that you are present for and participative in all classes and complete all practical exercises. Upon receiving a passing score, you will receive a certificate from Digital Coffee Future for the successful completion of the program.

PRICE

The price of the program is 550 euros per participant.

CONTACT

If you are interested in learning more or registering for the program, please connect with Marta Salazar at marta@digitalcoffeefuture.com.