



Supply Chain Management solutions for agribusinesses

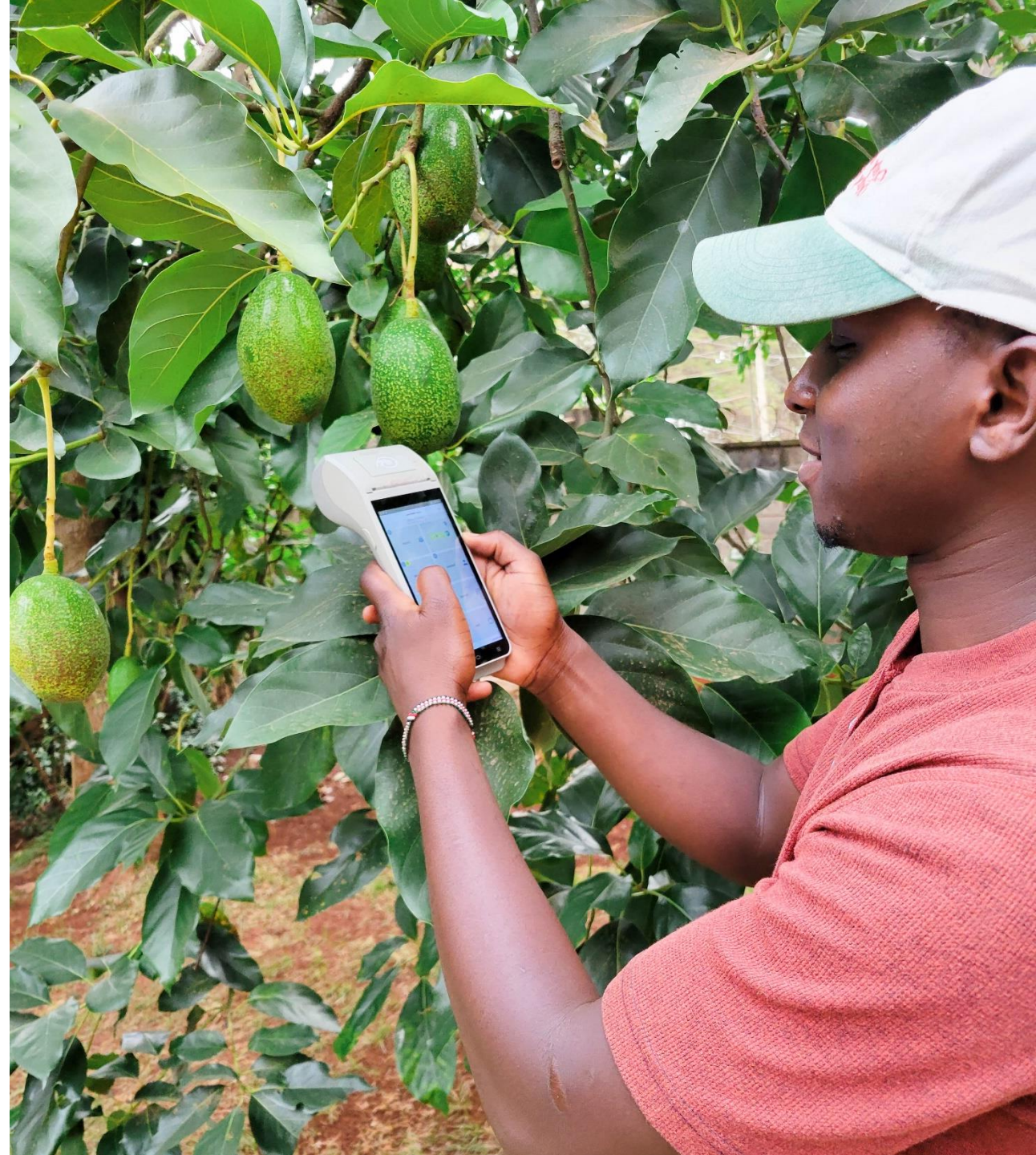


Panel discussion

Digital Agri Food Collective (DAC)

“Balancing Data Protection and AgTech Innovation:
Exploring Ethical Data Sharing in the Agri-Food Sector”

5th September 2024



OVERVIEW OF EPROD



- ☐ ERP for **Agricultural Supply Chain Management** to our clients:
 - agricultural commodity traders,
 - food processors, and
 - farmer cooperatives
- ☐ **Affordable, off the shelf** and **easy to integrate** platform
- ☐ Optimized for **low- bandwidth** environments
- ☐ A unique **data generator creating** valuable data and **insights** for clients and their sector stakeholders

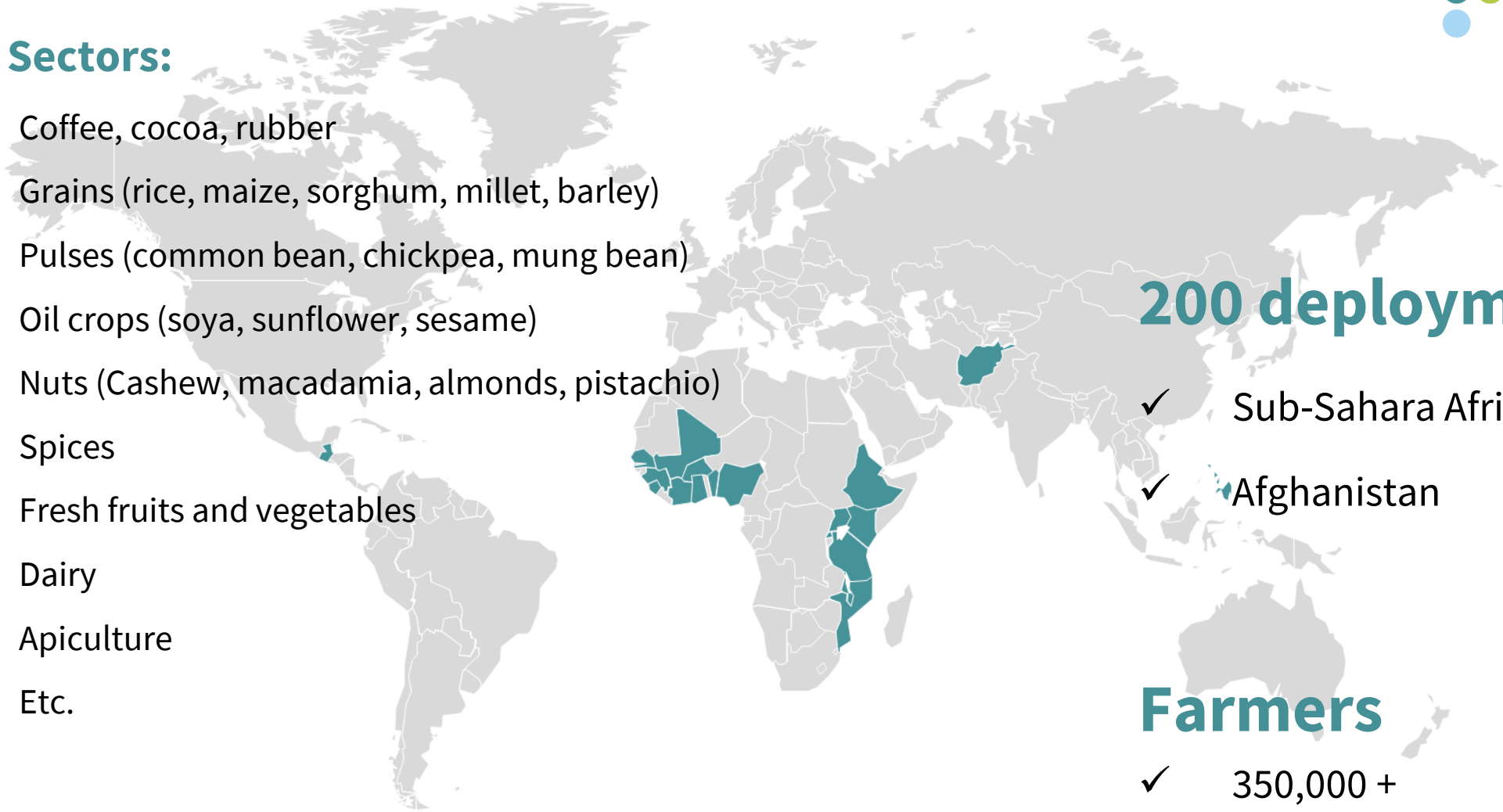




MARKET REACH

+30 Sectors:

- ✓ Coffee, cocoa, rubber
- ✓ Grains (rice, maize, sorghum, millet, barley)
- ✓ Pulses (common bean, chickpea, mung bean)
- ✓ Oil crops (soya, sunflower, sesame)
- ✓ Nuts (Cashew, macadamia, almonds, pistachio)
- ✓ Spices
- ✓ Fresh fruits and vegetables
- ✓ Dairy
- ✓ Apiculture
- ✓ Etc.



200 deployments in:

✓ Sub-Sahara Africa (21)

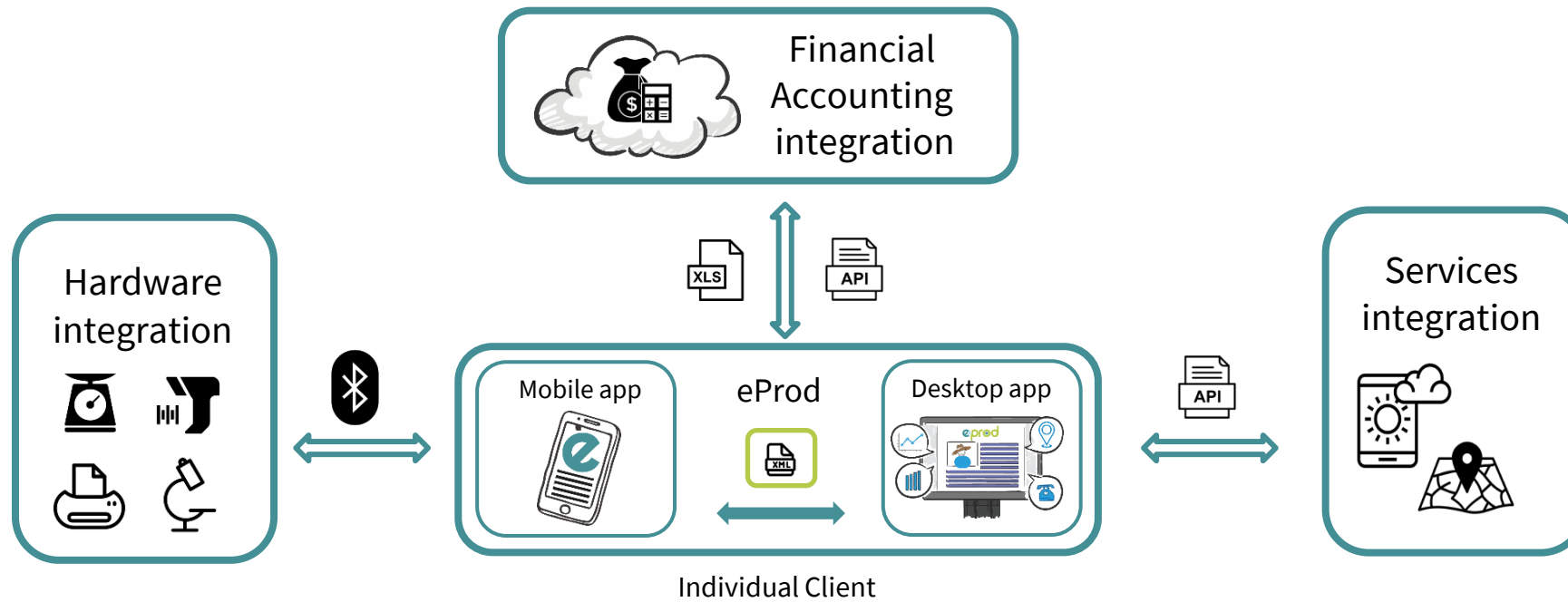
✓ Afghanistan

Farmers

✓ 350,000 +

SCALE UP

Bundled services

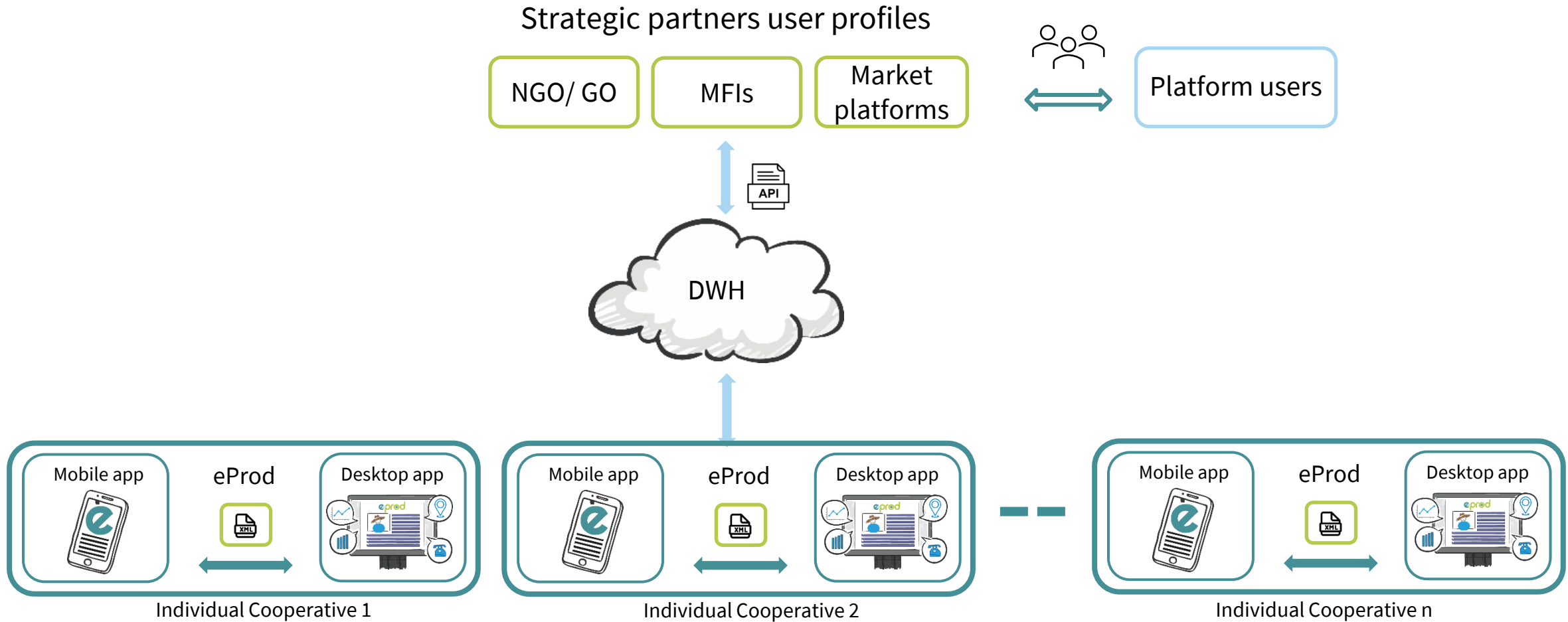


- Supply Chain Management
- Advisory Services
- Financial Access
- Market Linkages

SCALE UP

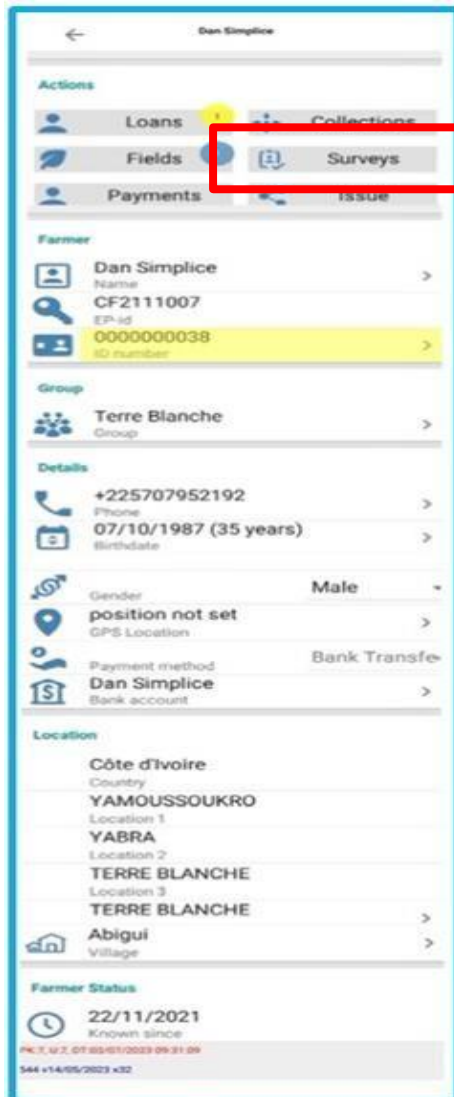


Offering bundled



FIELD DATA COLLECTION

Farmer registration and surveys



Farmer profile screen for Dan Simplice. The 'Surveys' option in the 'Actions' menu is highlighted with a red box. The profile includes personal details, contact information, and location data.

Actions

- Loans
- Fields
- Payments
- Collections
- Issue
- Surveys**

Farmer

Dan Simplice
Name

CF2111007
EP-id

0000000038
ID number

Group

Terre Blanche
Group

Details

+225707952192
Phone

07/10/1987 (35 years)
Birthdate

Gender: **Male**

position not set
GPS Location

Payment method: **Bank Transfe**

Dan Simplice
Bank account

Location

Côte d'Ivoire
Country

YAMOOUSSOUKRO
Location 1

YABRA
Location 2

TERRE BLANCHE
Location 3

TERRE BLANCHE
Location 3

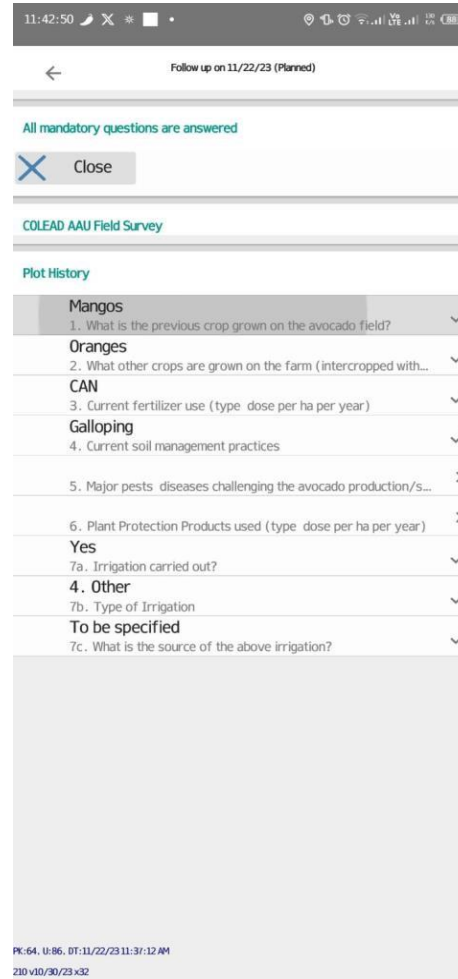
Abigui
Village

Farmer Status

22/11/2021
Known since

PK:1, U:2, DT:05/01/2023 09:31:09

544 v14/05/2023 v32



Survey completion screen for COLEAD AAU Field Survey. The survey is titled 'Follow up on 11/22/23 (Planned)'. A 'Close' button is visible. The survey results show that all mandatory questions are answered.

11:42:50

Follow up on 11/22/23 (Planned)

All mandatory questions are answered

Close

COLEAD AAU Field Survey

Plot History

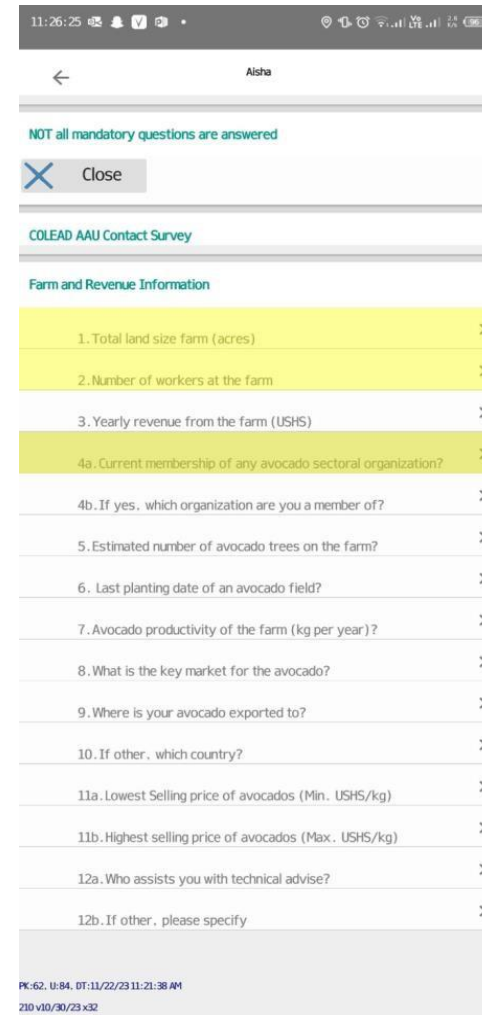
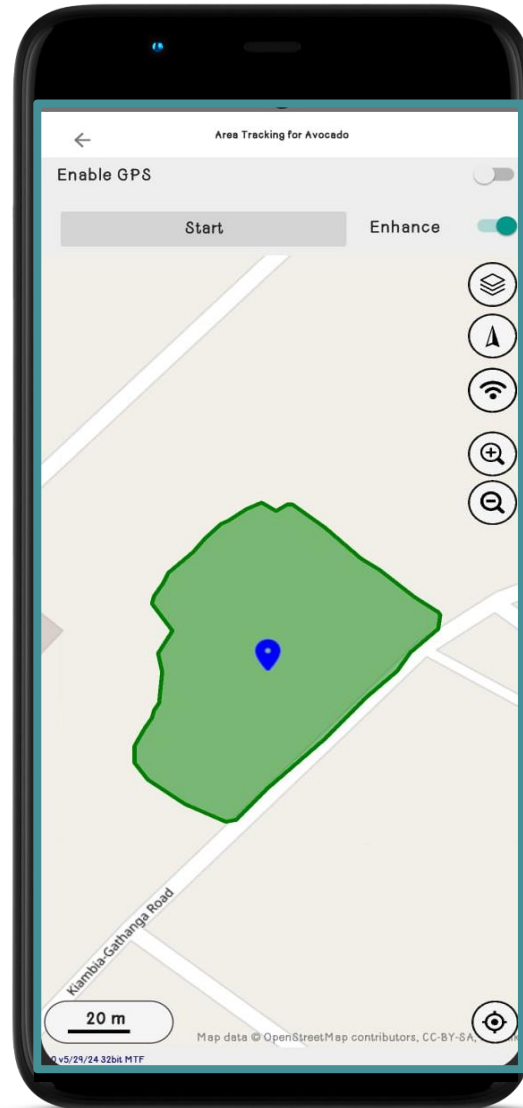
Mangos	
1. What is the previous crop grown on the avocado field?	✓
Oranges	
2. What other crops are grown on the farm (intercropped with...	✓
CAN	
3. Current fertilizer use (type dose per ha per year)	✓
Galloping	
4. Current soil management practices	✓
5. Major pests diseases challenging the avocado production/s...	>
6. Plant Protection Products used (type dose per ha per year)	>
Yes	
7a. Irrigation carried out?	✓
4. Other	
7b. Type of Irrigation	✓
To be specified	
7c. What is the source of the above irrigation?	✓

PK:64, U:86, DT:11/22/23 11:31:12 AM

210 v10/30/23 v32

FIELD DATA COLLECTION

Field registration, surveys and polygons



ANALYSIS

Polygons



PLOT A

Actions Follow ups

Field Details

- Dan Simplice (CF2111007)**
Farmer
- RUBBER**
Produce
- CF2111007RB0723**
Field ID
- PLOT A**
Name
- 6.34 Hectare** >
Field size
- +5.40242738, -4.46303209, Alti...** >
Location
- Polygon set, size 63385 m²** >
Polygon

Expansion

- PLOT20230703** >
Traceability
- From Nursery** >
Seed origin
- 18000.00** >
Seeds planted

Status

- Vegetative** >
Field status
- 100%** >
Productivity
- 0.00 Kilograms** >
Expected yield

Dates

- 03/07/2023 (11 hours ago)** >
Start date
- 01/10/2023 (89 days to go)** >
End date

PK:54, US4, 07/03/2023 11:06:02
544 v14/05/2023 x32

Google Earth Engine Search places and datasets...

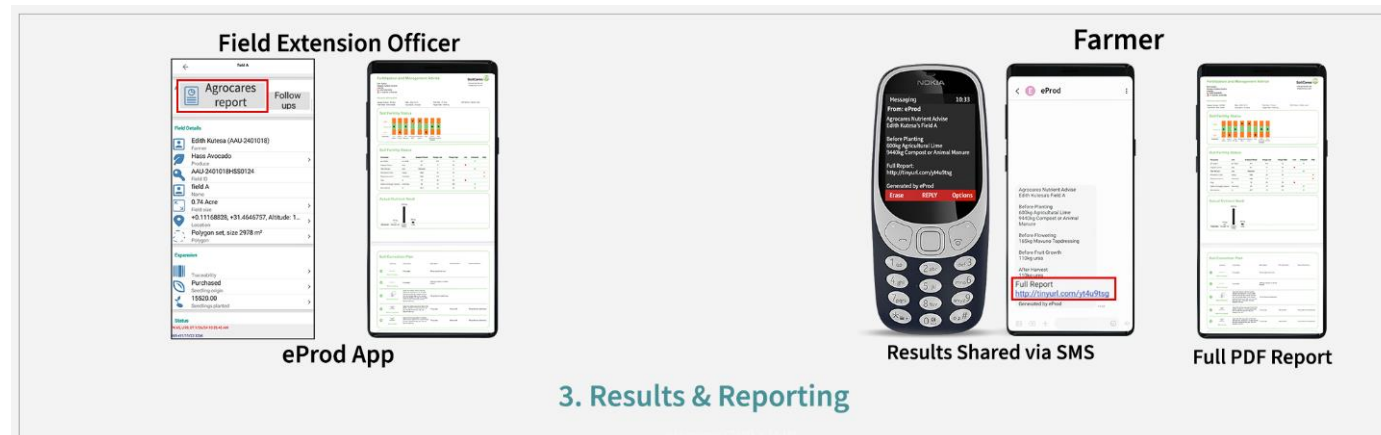
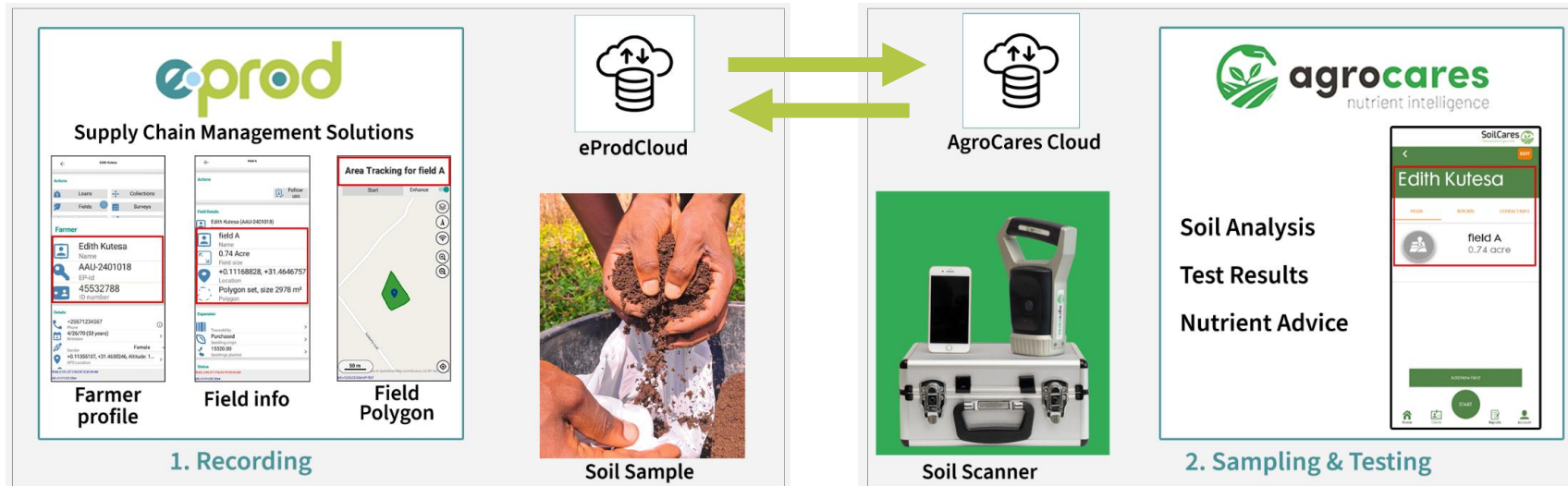
Scripts Docs Assets **CAF Forest** Get Link Save Run Reset Apps Inspector Console Tasks

```
1 var image2020 = ee.ImageCollection('JRC/GFC2020/V1').filterDate(
2   '2020-12-31').first();
3
4 var visualization = {
5   bands: ['Map'],
6   palette: ['409221']};
7
8 Map.setCenter(0.0, 0.0, 2);
9
10 Map.addLayer(image2020, visualization, 'EC JRC Global forest cover 2020 - V1');
```

Use `print(...)` to write to this console.

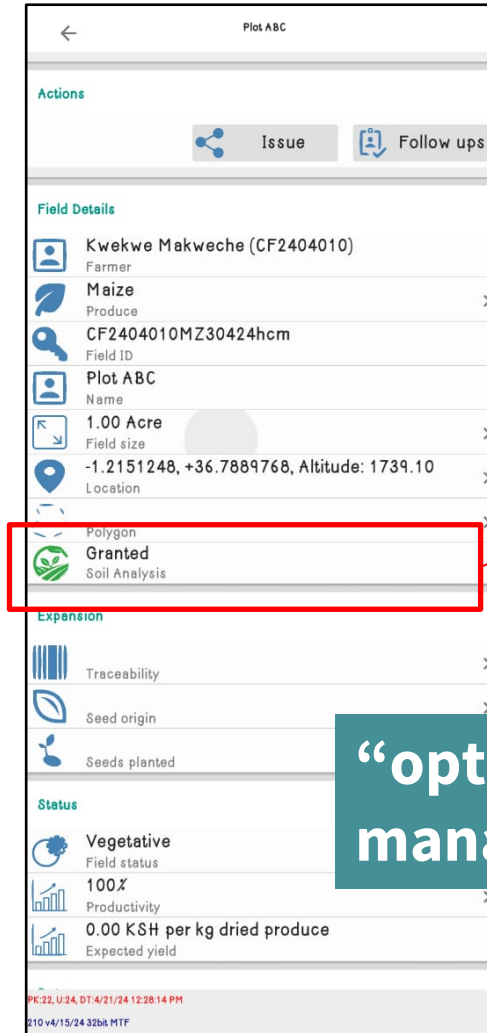
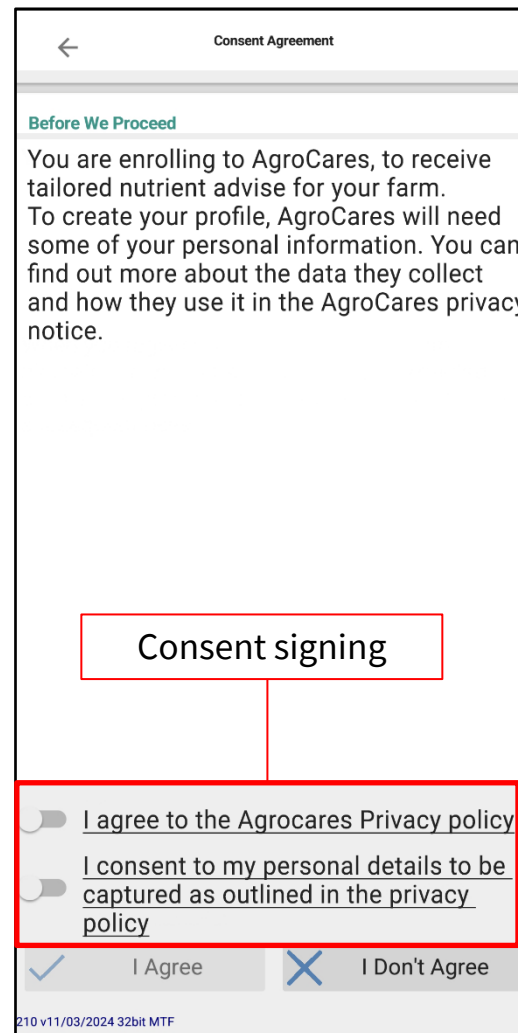
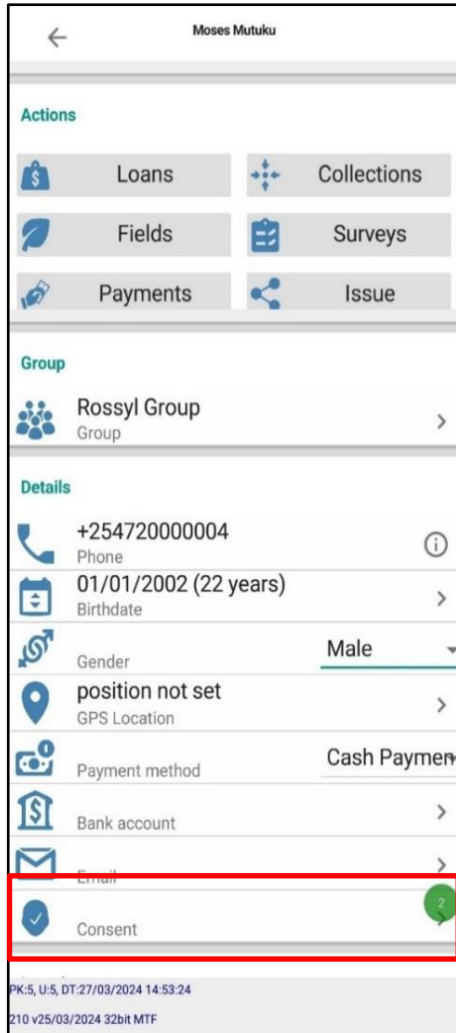
COMPLIANCE: TRUSTED TRANSACTIONS

Access to Services



COMPLIANCE: DATA PRIVACY

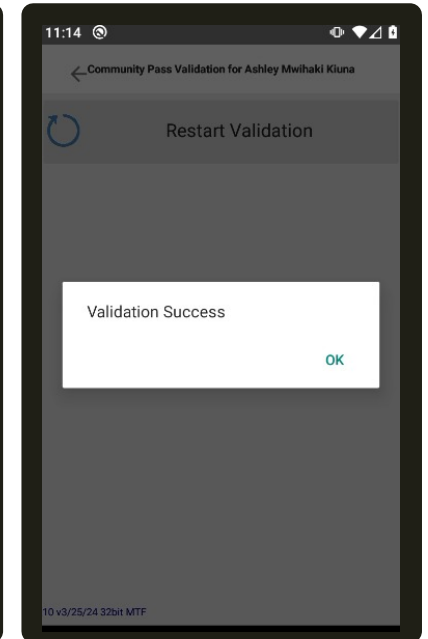
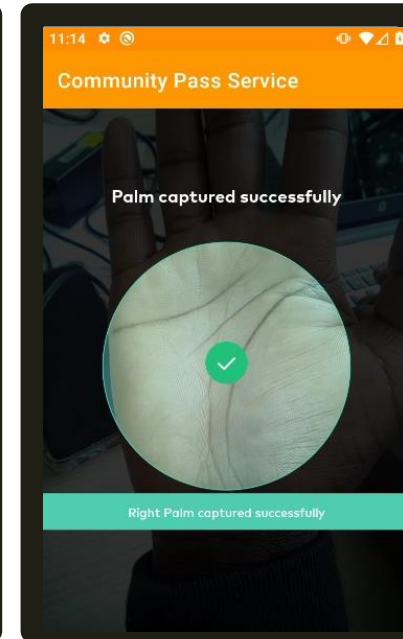
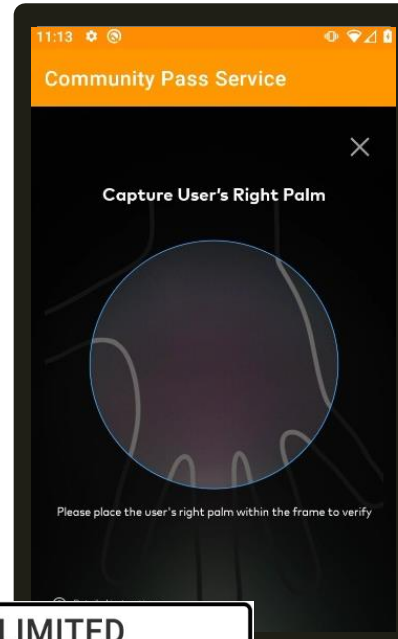
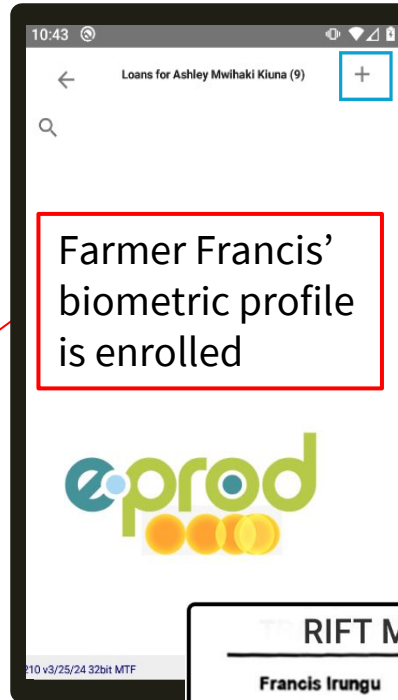
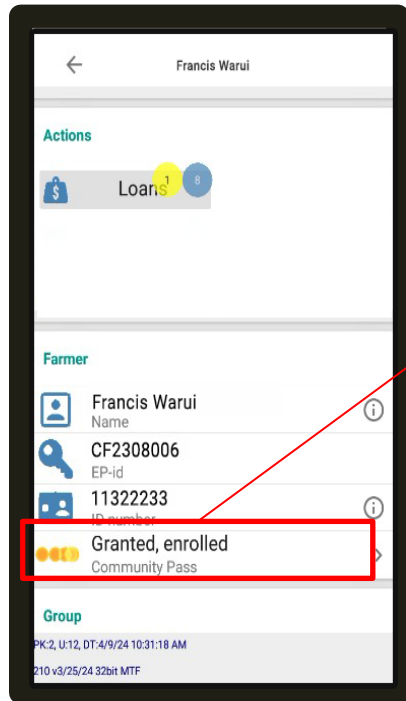
Sharing “informed consent”



“opt-out”
management

COMPLIANCE: TRUSTED TRANSACTIONS

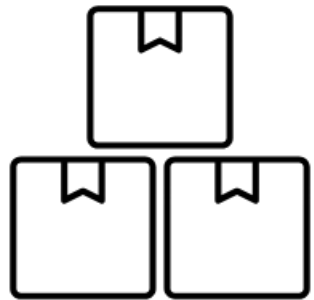
Access to Services



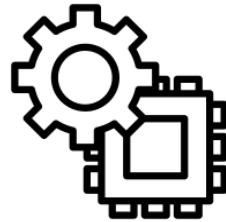
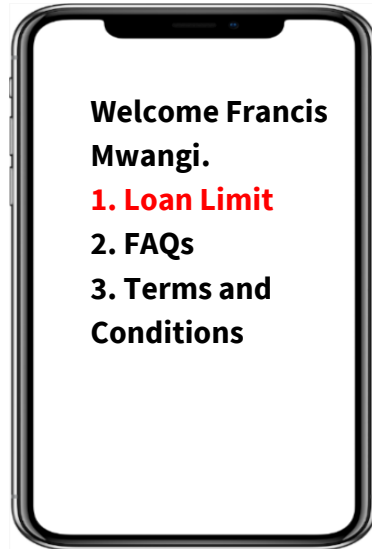
Quality KYC data

Credit balance check via USSD

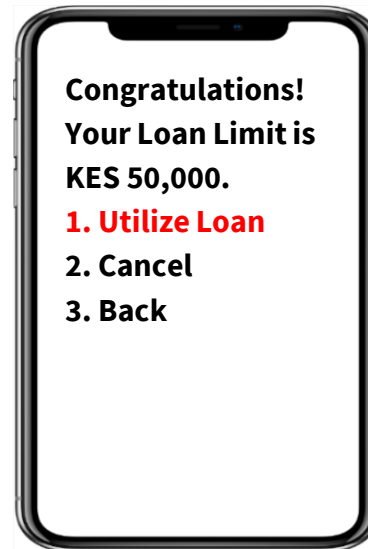
Scenario: Successful Loan Origination



White-listed farmers



Credit-Scoring Algorithm



Farmer are white-listed by the Anchor Firm.
Credit scoring is conducted on the eProd app with data from the eProd database and third-party databases. Rules for scoring algorithm provided by financial institution



Thank you for your interest!

Please contact us for further discussion:

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