

# Cassava Peel Tracker™

INTRODUCTION & CONCEPT

[www.seedtracker.org/peeltracker](http://www.seedtracker.org/peeltracker)

---

## Development team

- Lava Kumar
- Ogunya Busayo
- Oluwafemi Alofe
- Iheanacho Okike
- Peter Kulakow

# ICT to bridge peel-to-feed value chain

---

- **Efficient peel to feed conversion requires mobilization of fresh peels for processing in a day to avoid fermentation and spoilage. Information about the availability and quality of peels almost on daily basis is an important attribute for aggregators and buyers of processing industry.**
- **The word-of-mouth model is being used through formal and informal groups to relay information about peel availability status.**
- **To improve the communication along the peel-to-feed value chain, we developed Cassava Peel Tracker (CPT) web-app. The CPT is build on Seed Tracker™ platform.**

# Cassava Peel Tracker

---

- **Developed using ODK and Enketo web Data collection forms**
- **MySQL database with SMS and e-mail alerts**
- **CPT is usable on Android phones and any Internet-enabled device for real-time communication of availability and quality of peels for sale.**
- **CPT aggregates information of product at various stage of value chain available / market with geolocations.**
- **This app is simple to use and requires minimum data processing and data transfer cost.**

# Cassava Peel Tracker - functions

---

**Registration of peel producer**

**Unique login for each producer**

**Geolocation of buyer or seller**

**Auto login based on the unique ID**

**Quantities available to sell or buy**

**Expression of interest to buy or seel**

**Geolocation based information on WebApp for ready identification and traceability**

**Database for quantities of peels producer and pee-flow along the value chain**

**Auto analytics**

# Features of Cassava Peel Tracker

---




Cassava Peel Tracker is a web-app, thus can be accessed from any web-enabled device (computer, mobile phone and tablet) through the address below :

<http://seedtracker.org/peeltracker>

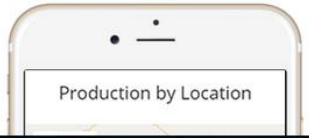
# Cassava Peel Products

OPPORTUNITY FOR ADDITIONAL INCOME



 Register To Sell Peel	 Peel Mart	 Peel Cake
--	--	--

Use of Cassava Peels as High-Quality  
Livestock And Fishery Feed

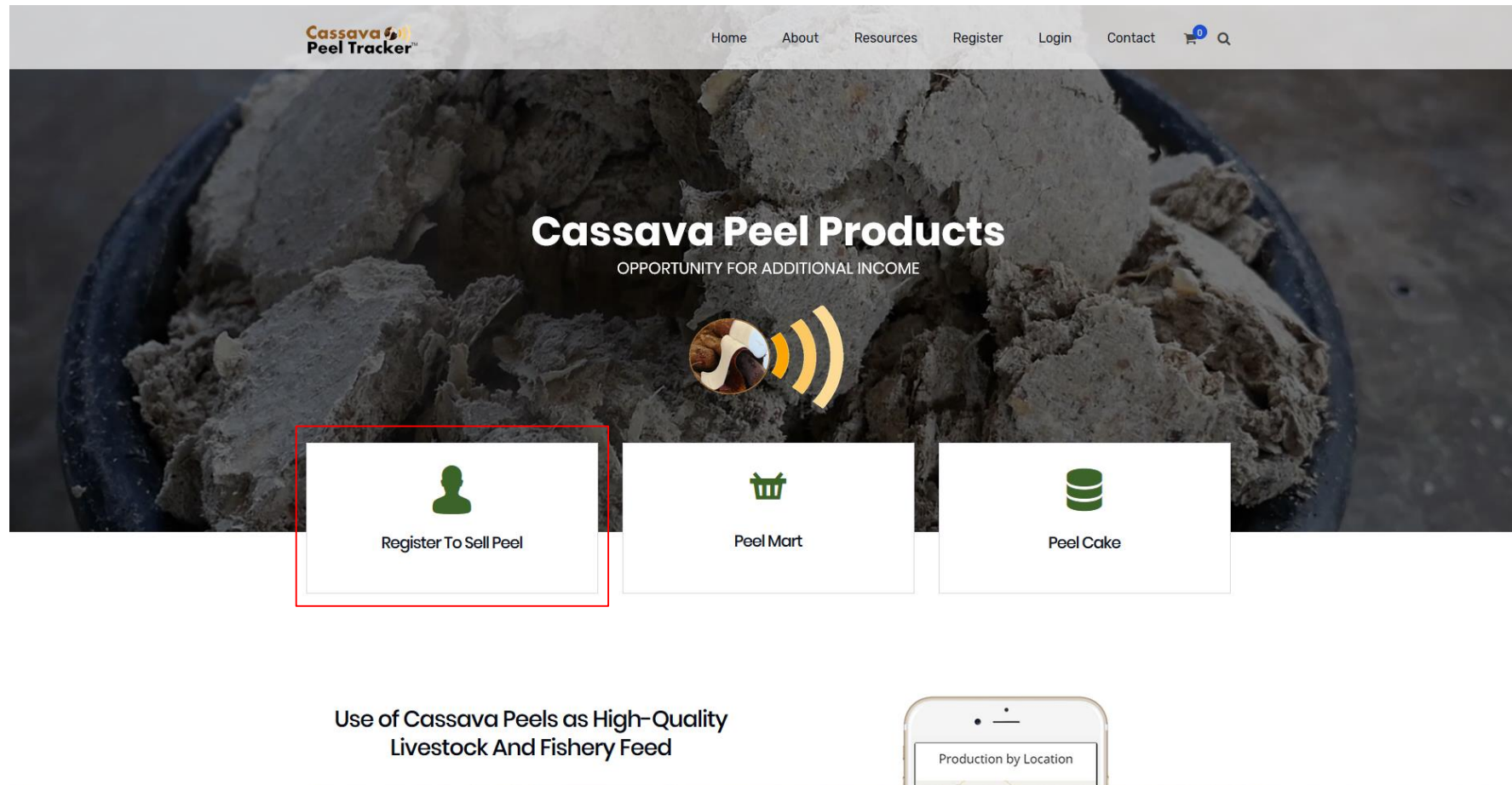


*Cassava Peel Tracker Landing Page*

# Registration

A first time user is required to register to capture personal communication data and user type (seller, buyer or both). Click “Register to sell peel”

Registered users are expected to agreed to CPT terms and conditions, data privacy rules and disclaimer



### Account Information

Enter preferred username, email and password required for login.

**Username**

**Email \***

**Password \***

### Personal Information

**First Name \***

**Last Name \***

**Profile Picture \***

No file selected.

**Gender \***

- Male  
 Female

**Phone \***

**Profession \***

- Peel Seller  
 Peel Cake Seller  
 Drv Peel Seller

*Cassava Peel Tracker user registration form*



### Coordinates

### User Type

---

#### Affiliation to peel tracker projects \*

- |                                 |                                      |   |
|---------------------------------|--------------------------------------|---|
| <input type="checkbox"/> BASICS | <input type="checkbox"/> HarvestPlus | <input type="checkbox"/> IFAD           |
| <input type="checkbox"/> FMARD  | <input type="checkbox"/> Other       | <input type="checkbox"/> Not applicable |

#### Please select all user types that apply \*

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Cassava peel dealer | <input type="checkbox"/> Dry peel dealer | <input type="checkbox"/> Dry peel dealer |
| <input type="checkbox"/> Cassava cake        | <input type="checkbox"/> Buyer           | <input type="checkbox"/> Regulaor        |
| <input type="checkbox"/> Logistics provider  | <input type="checkbox"/> Extensionist    | <input type="checkbox"/> Other           |


### User Agreement

---

#### Contact information is accessible to registered users only \*

- Display my phone number
- Display my e-mail
- I agree to CST [terms & conditions](#)

#### CAPTCHA

I'm not a robot   
reCAPTCHA  
Privacy - Terms

Submit

*Fill in all required data and click submit when done*

## Registration (cont'd)

---

The new user application will be reviewed by the Administrators and the account will be activated when verified.

The user receives Login instruction via e-mail

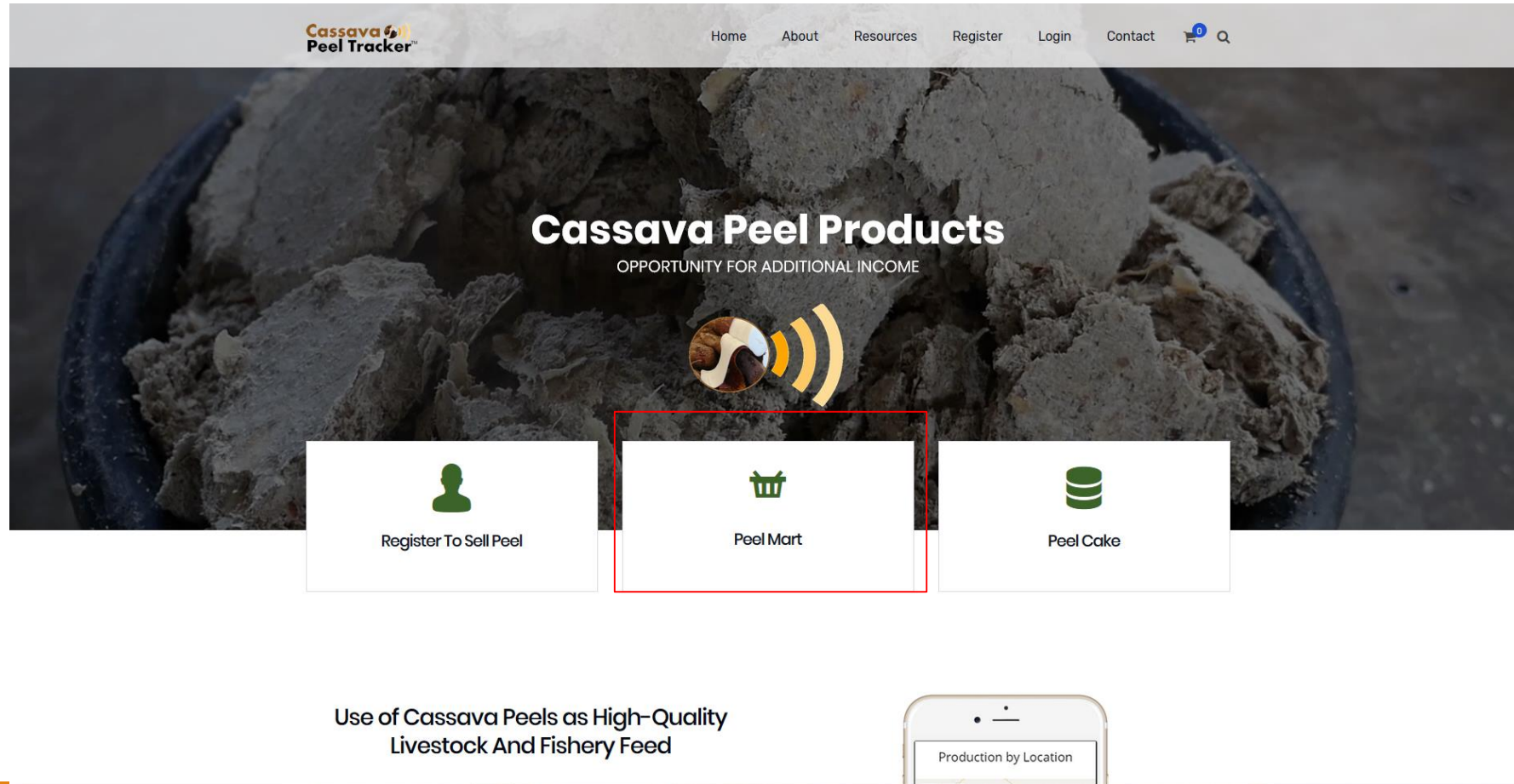
# Peel Mart

From the Cassava Peel Mart, registered users can upload the inventory of **cassava peel products** for advertisement.

This feature connects seller and buyer, but don't facilitate any cash transaction or sale

CPT don't serve as guarantor for quality or any information displayed by the users

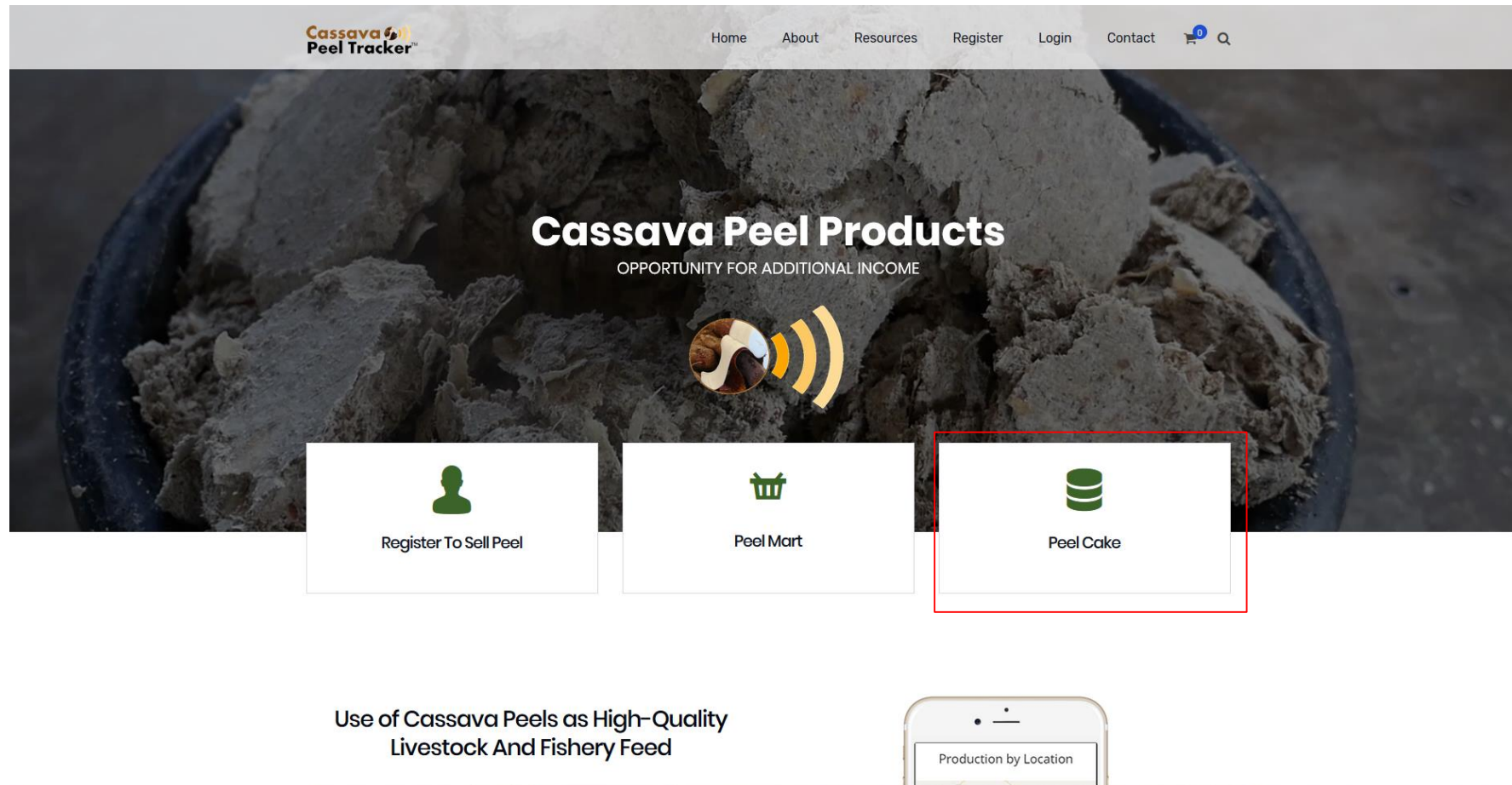
---



# Buy Peel Cake

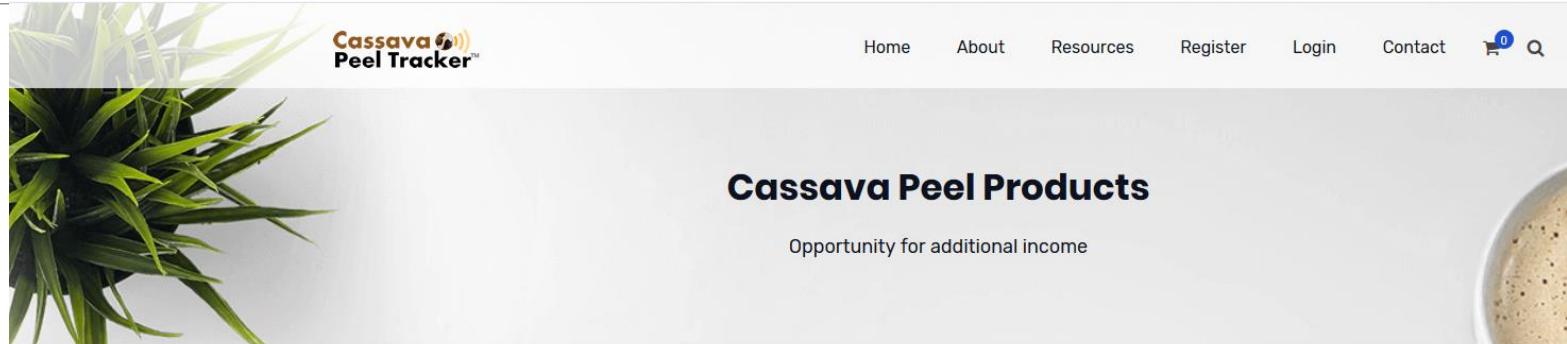
We have also integrated an online marketplace into peel tracker.

Prospective buyers can view listing of available **peel products** in stock and the sellers. The potential buyer will be able to also contact the seller before any transaction . Click **“peel products”**



# Buy Peel Cake

Buyers can individually pick from the available stock on the e-marketplace and contact the seller for details



## Shop

Showing all 2 results

Sort by popularity



2 Bag Of Cake  
₦15.00



2 Tonnes Of Peels  
₦15.00

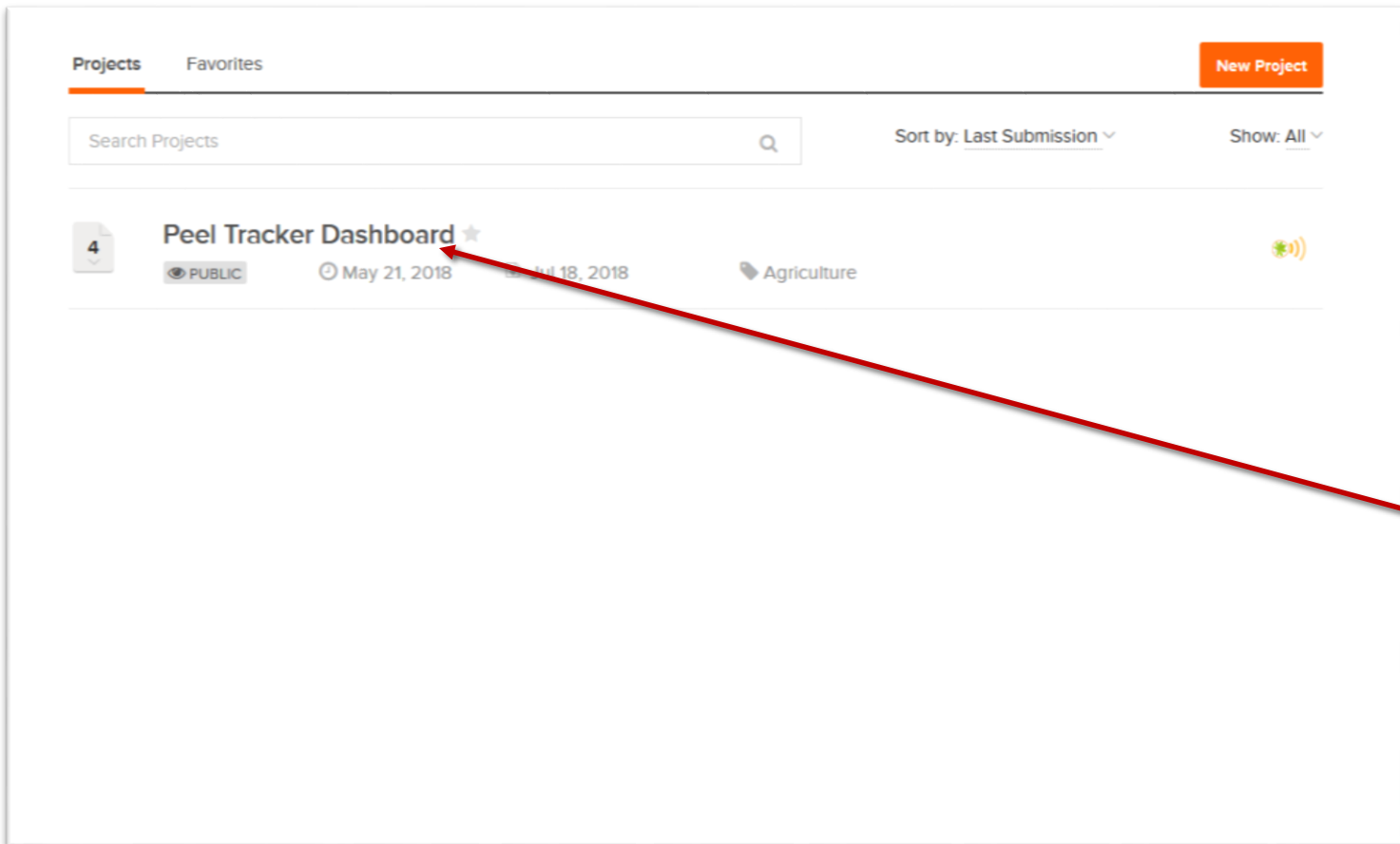
## Sign in to Cassava Peel Tracker

Sign In

[Forgot your password?](#)

Login page

When the user inputs the username and password as received by email, user is redirected to his personalized dashboard, where the cassava peels inventory information will be uploaded.



Click here to continue to fill inventory form

# Click webform to open the upload inventory form

The screenshot shows the 'Peel Tracker Dashboard' for 'Seed Tracker seedtracker'. The dashboard includes a 'PUBLIC' status, 'Agriculture' category, and '4 forms, 0 dataviews'. A 'View collaborators' link is on the left, and a 'Can submit' lock icon is on the right. Below the dashboard, the 'Forms' section is displayed with 'Sort by: Alphabetical' and a 'Show inactive (3)' checkbox. A search bar is present. The first form listed is 'Sell Peels' with 0 records. A 'Webform' link is highlighted with a red box, indicating it is the target for the instruction. The 'Webform' link is accompanied by a date 'Jul 18, 2018' and a '(no records)' status.

Form Name	Count	Link	Date	Status
Sell Peels	0	<a href="#">Webform</a>	Jul 18, 2018	(no records)



Fill in all the necessary details of the stock of cassava peels available for sale. Click submit when you are done.



## Sell peels

### ▼ Personal Information

USER ID  
*Input the phone number used for registration*

### ▼ Selling


#### » Fresh Peels

QUANTITY (KG)	DATE PREPARED	DATE AVAILABLE	SELLING PRICE PER KILO (NAIRA)
	yyyy-mm-dd 	yyyy-mm-dd 	

#### » Processed Peels

TYPE  
 Fine  
 Coarse

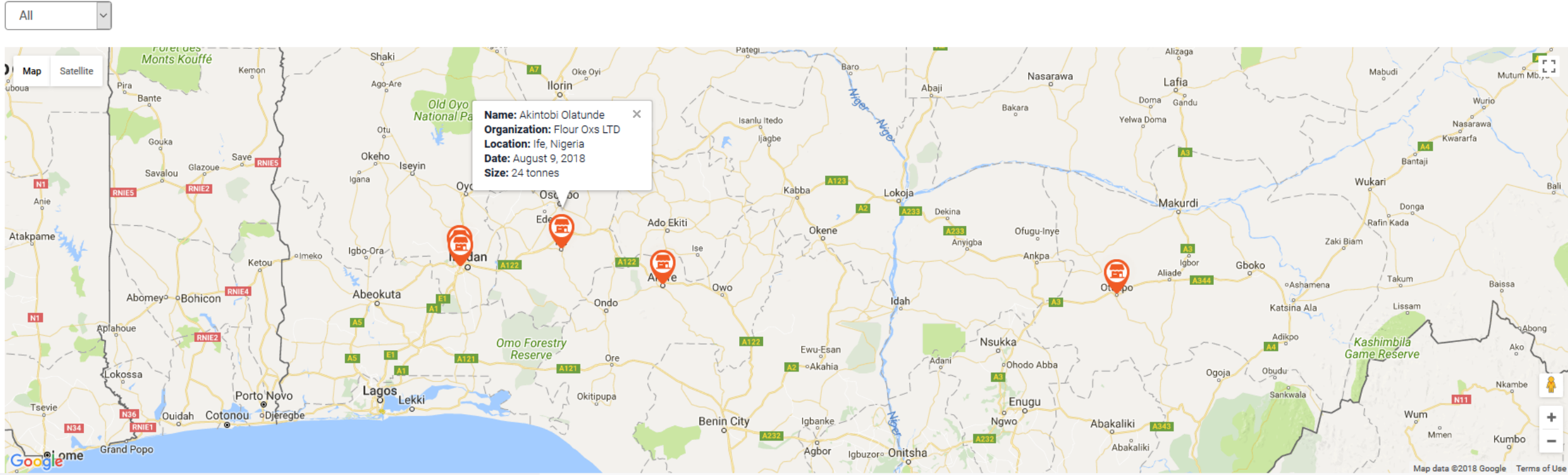
#### » » Fine

QUANTITY (KG)	DATE PREPARED	DATE AVAILABLE	SELLING PRICE PER KILO (NAIRA)
	yyyy-mm-dd 	yyyy-mm-dd 	

ANY COMMENTS

# Map listing of inventory

Another key feature of the Cassava Peel tracker is the Map listing. The location of every available stock uploaded onto our servers will reflect here.



# Acknowledgements

## Development team

- Lava Kumar
- Ogunya Busayo
- Oluwafemi Alofe
- Iheanacho Okike
- Peter Kulakow



[www.seedtracker.prg/peeltracker](http://www.seedtracker.prg/peeltracker)