

Zenvus Boundary Web Application User Manual

The Zenvus logo consists of the word "zenvus" in a bold, lowercase, sans-serif font. The letters are dark grey with a subtle drop shadow effect, giving it a three-dimensional appearance.

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This is the web application User Manual for Zenvus Boundary. Zenvus Boundary maps farm, land or house perimeter boundaries, calculates the areas and populates the data onto Google Earth. From Zenvus portal, the surveys can be downloaded or printed.

Use this manual after you have used the mobile app to acquire the data [refer to Zenvus Boundary Mobile Application User Manual].

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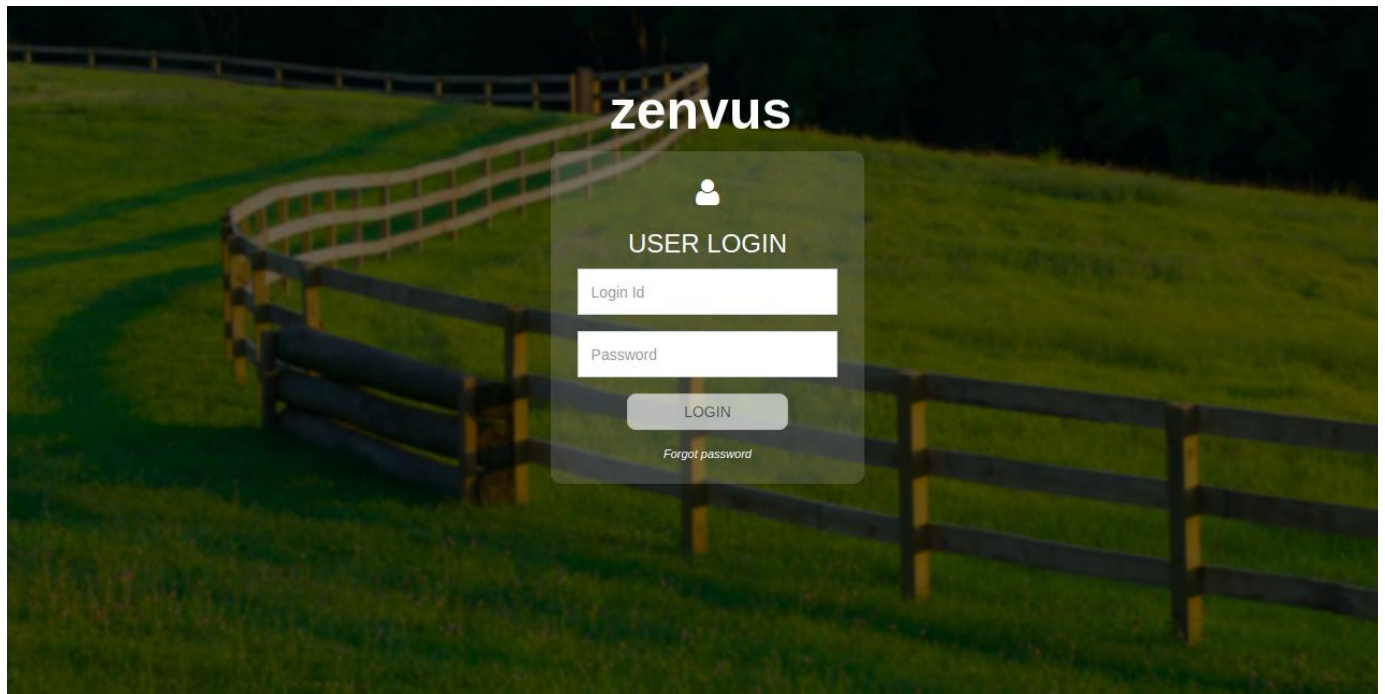
1 INTRODUCTION

- The Zenvus Boundary Web Application works with the Zenvus Boundary Android app. After the mapping has been done using the Zenvus Boundary Android app, the boundary reports are printed or downloaded through the Zenvus Boundary web app. [Use Google Chrome to access the web app].
- We would use Farmer here to represent Property Owner including Landlord, Landowner, etc. Also, Farm here represents Farm, Land or Home location. The survey output uses Property Owner and Property.
- At Zenvus portal (website), you will make payment (if necessary), download survey report (PDF) and print the report. You can also update/fix spelling issues like name, state, LGA etc. Besides, if you have new data like BVN, NIN, etc which were not available and now available, you can include them here for an already mapped property (farm, land and house).
- Each farmer is automatically created an account at the point of populating the mobile app data to the web app. Also, where the farms are in cooperatives/agents or in groups, the administrator of the group can print all the boundary reports from an Enterprise account which is created for that enterprise.
- The URL for accessing for both the individual farmer and the enterprise/agent is thus: <http://boundary.zenvus.com/#/access/login>
- There are two roles in Zenvus Boundary:
 - Enterprise: Administrator of the group handles this role. The logo of the enterprise or group appears in all boundary reports where necessary.
 - Individual Farmer: The individual farmers can print and download their reports by themselves. No logo is shown on this report. There are two types of individual farmers
 - Individual farmers who are part of a cooperative/agent that want to **directly** login to access data created by the cooperative/agent for them.
 - Individual farmers who are not part of any cooperative/agent.

2 HOW IT WORKS

2.1 Enterprise and Individual Farmer Login

- URL: <http://boundary.zenvus.com/#/access/login>



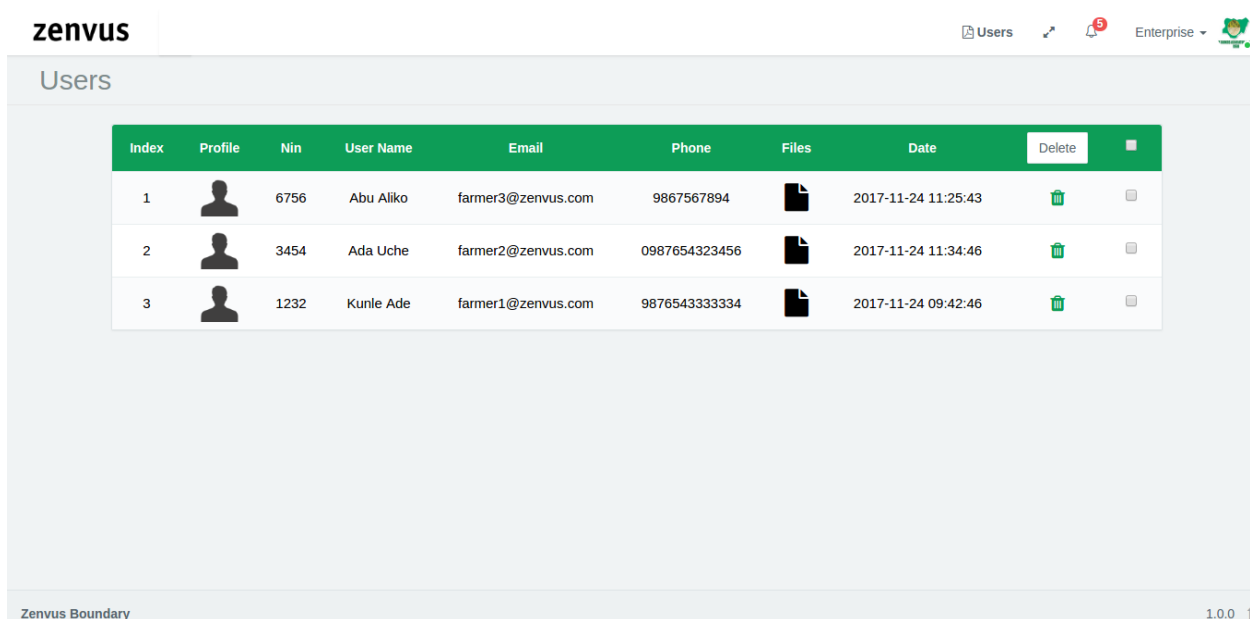
2.2 Enterprise Side

For Enterprise, User can login with Email and Password.

- **URL** : <http://boundary.zenvus.com/#/access/login>
- **Email** : [email you used in Zenvus Boundary mobile app]
- **Password** : [password you used in Zenvus Boundary mobile app]

2.2.1 Enterprise Dashboard

When logged on, this is the view. These data are made up [Yours should show the data you have transferred from the mobile app].



The screenshot shows the Zenvus Enterprise dashboard. At the top, there is a navigation bar with the Zenvus logo, a 'Users' tab, and a notification bell icon. Below the navigation bar, the 'Users' section is displayed, featuring a table with user information. The table has columns for Index, Profile, Nin, User Name, Email, Phone, Files, Date, and a Delete button. There are three users listed in the table.

| Index | Profile | Nin | User Name | Email | Phone | Files | Date | Delete |
|-------|---------|------|-----------|--------------------|---------------|-------|---------------------|--------|
| 1 | | 6756 | Abu Aliko | farmer3@zenvus.com | 9867567894 | | 2017-11-24 11:25:43 | |
| 2 | | 3454 | Ada Uche | farmer2@zenvus.com | 0987654323456 | | 2017-11-24 11:34:46 | |
| 3 | | 1232 | Kunle Ade | farmer1@zenvus.com | 9876543333334 | | 2017-11-24 09:42:46 | |




At the bottom of the dashboard, there is a footer with the text 'Zenvus Boundary' and the version number '1.0.0'.

- After successful login, this type of dashboard will come on your screen.
- Dashboard contains the information like farmer profile, user name, email, contact number, boundary report files, created date and delete option.
- Enterprise user can view the reports by clicking on File icon under Files Tab. This is the exact report the individual farmer will see, except that Enterprise printed one could have a logo (agents/franchise partners may decide not to put logo since the farmers are not necessarily in a cooperative).

2.2.2 File Dashboard

zenvus Users Enterpri

Files

| Index | File Name | Date | Status | Download | Delete | |
|-------|-----------------------------|---------------------|---------|---|---|---|
| 1 | 3454_Wuse2_201711241524_mob | 2017-11-24 11:34:46 | Approve |  |  |  |

- This page comes up after clicking on File icon. It contains file name, created date, status, download and delete option.
- Status is about file approving status from Admin side and it is divided into 3 parts, Approve, Pending and Decline. Admin has set all to **Approve** at the moment as all reports are coming out fine. A user can download the file.

2.2.2.1 File Download

- After clicking on download icon, below report is generated and user can see this kind of page on screen.

zenvus Users Enterprise

[Download](#)

MAP SHOWING LANDED PROPERTY

| | |
|---|--|
| Name of farmer : | Ward Name : |
| National ID Number : 1232 | LGA : |
| Bank Verification Number : Acb3247 | State : |

Earth View

Google Imagery ©2017, CNES / Airbus, DigitalGlobe, Landsat / Copernicus

SB201711241457

| | |
|---|--|
| <p>Area (sq meter) 1,090,479.78</p> <p>Area (hectare) 109.05</p> <p>Perimeter (in KM) 5.09</p> | <p>Map View</p> <p>Google Map data ©2017 Google Terms of Use</p> |
|---|--|

| | |
|---|---|
| <p>Land Location Records</p> <p>Ward Name : </p> <p>LGA : </p> <p>State : </p> <p>Mapping Date : November 2017</p> | <p>Document Ratification</p> <p></p> <p>Approving officer : </p> <p>Title : </p> <p>Signature : </p> |
|---|---|

Verify the authenticity of this document at zenvus.com/farmrecords

Zenvus Boundary 1.0.0 ↑

- To download the report, click on download button available on Top side on Page.

2.2.2.2 Profile

zenvus Users Enterprise

Profile Setting

User Details

Name of User : Enterprise

Email ID :

Contact No : 1213454542

Address : Abuja

Choose file No file chosen

Save

Reset Password

Current Password :

New Password :

Confirm Password :

Save

Zenvus Boundary 1.0.0

- Click on Right Top corner; there is one drop-down menu. There is Profile setting option, and after clicking on that, this page is displayed on the screen.
- In this page, enterprise user can change or modify own details, profile and reset password.

Individual Side

2.3 Individual Side (Farmer)

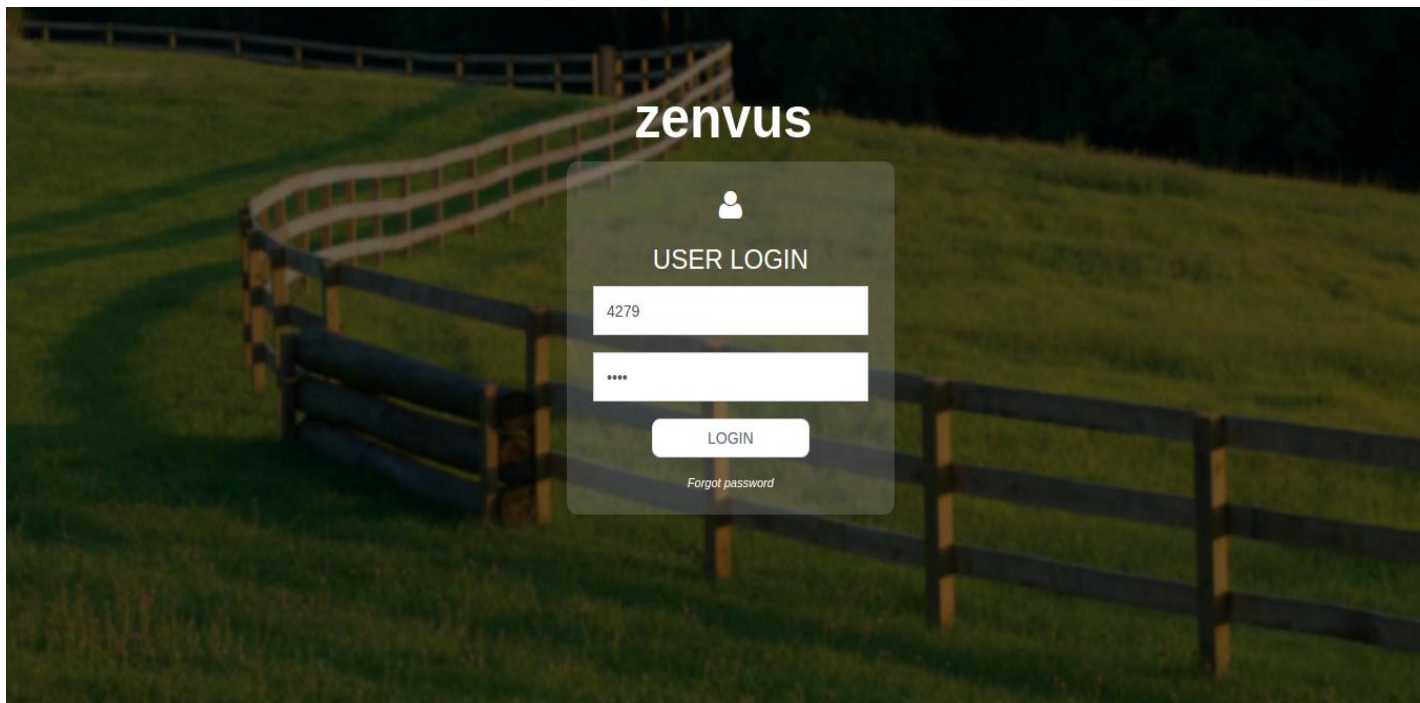
For Individual User

Note: Individual user can login with his **NIN number**. **This is for first time login only.**

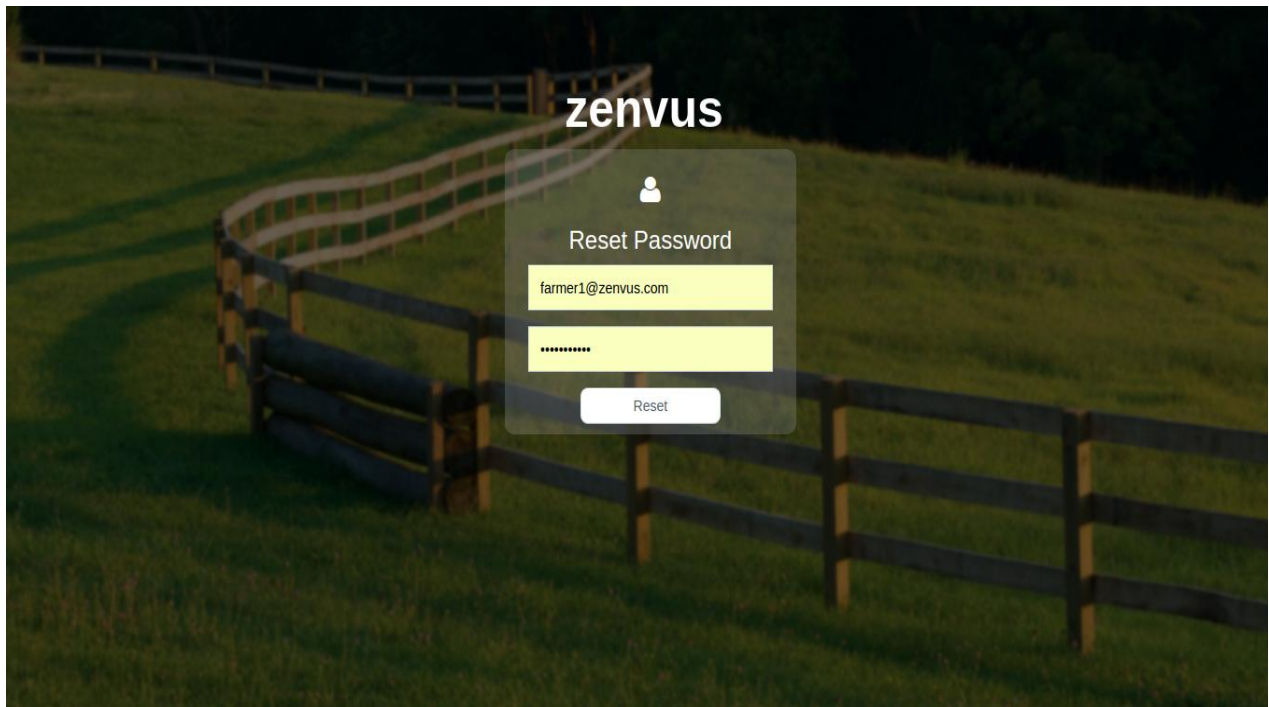
Like, Login Id : [Put the NIN number used for this specific farmer]

Password : [Put the NIN number used for this specific farmer]

Check below reference screenshot



After **first** successful login, Enter email address and new password to update the profile



After reset password, farmer can login with Email OR NIN and Password.

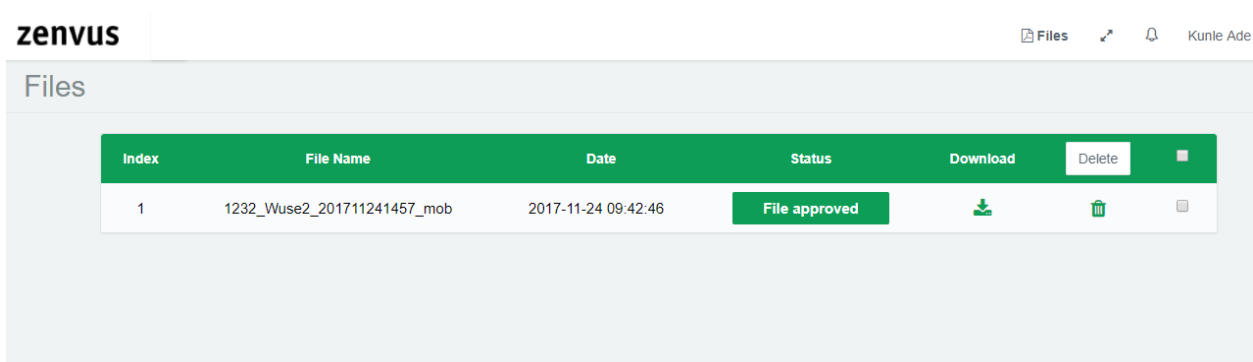
Note: Individual user SECOND time login with bellow credentials.

Like, Login Id (Email / NIN) : Your Email / NIN

Password : Your Password

2.3.1 Individual (Farmer) Dashboard – Enterprise Connected

Please check bellow screenshot

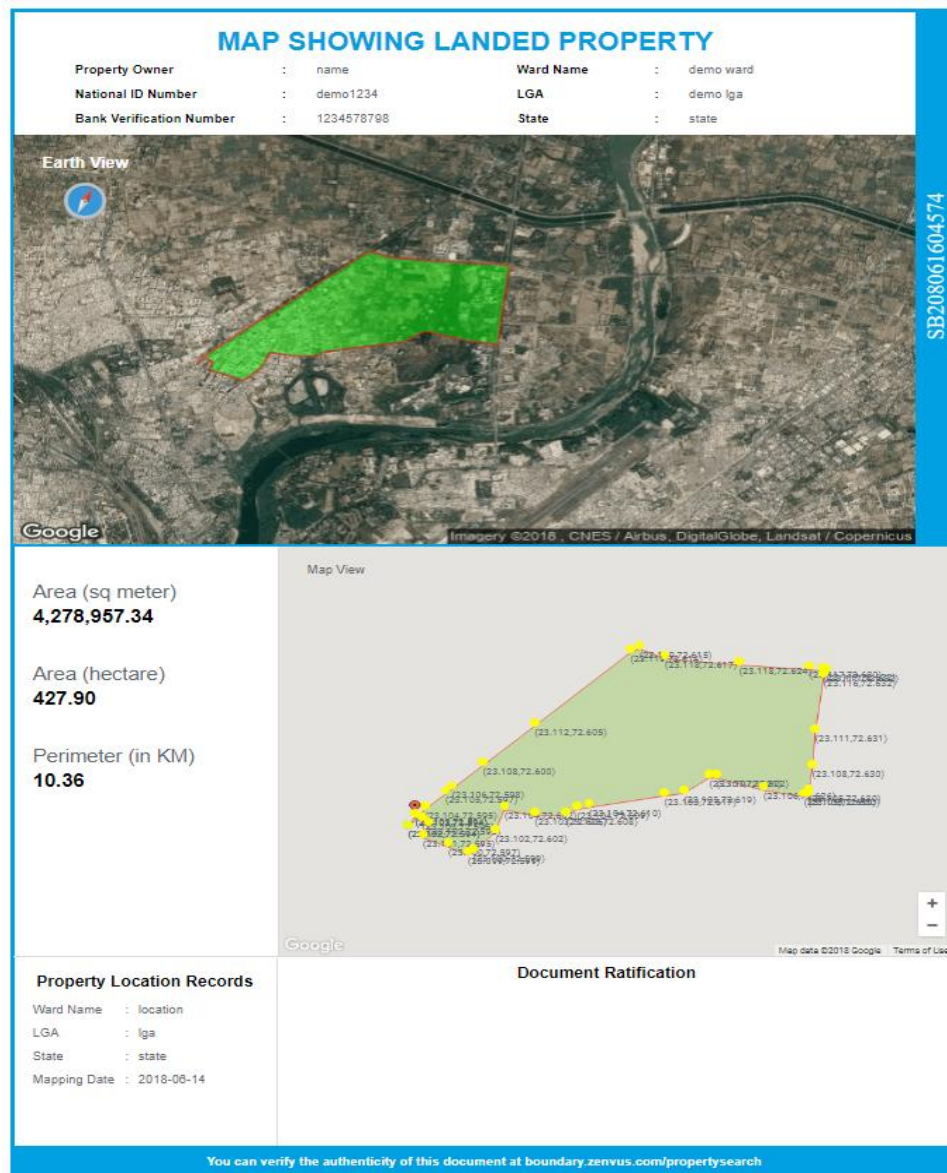


- After successful login, file dashboard will display on the screen. This belongs to Enterprise Farmer.

- It contains file name, created date, status, download and delete options.
- Status is about file approving status from Admin side and it is divided into 3 parts, Approve, Not approved and Decline. At the moment, all files are approved by default.

2.3.1.1 File Download




- After clicking on download icon, below report is generated and user can see this kind of page on screen. Note **Property Owner** and **Property** used and not Farmer and Farm in the final report



- To download the report, click on download button available on Top side on Page [Note, this report which is also available via Enterprise account does not have the Enterprise logo, since it is not downloaded from the Enterprise account]

2.3.1.2 Profile

zenvus

Files   4 Kunle Ade 

Profile Setting

User Details

| | |
|----------------|---|
| NIN : | 1232 |
| Name of User : | <input type="text" value="Kunle Ade"/> |
| Email ID : | <input type="text" value="farmer1@zenvus.com"/> |
| Contact No : | <input type="text" value="987654333334"/> |
| Address : | <input type="text" value="Abuja"/> |

Save

Select file

No file chosen

Save

Reset Password

| | |
|--------------------|--------------------------|
| Current Password : | <input type="password"/> |
| New Password : | <input type="password"/> |
| Confirm Password | <input type="password"/> |

Save

Zenvus Boundary 1.0.0 ↑

- Click on top of the right on the avatar to display profile settings.
- In the resulting page, you can modify user details, profile and reset password.

2.3.2 Individual (Farmer) Dashboard – Not PART of any Enterprise/Agent

This farmer is not part of any enterprise and would be required to make payment.

Please check below screenshot [Yours will only contain the data you transferred from mobile app].

zenvus Files Payment Requested file 17 name

Files

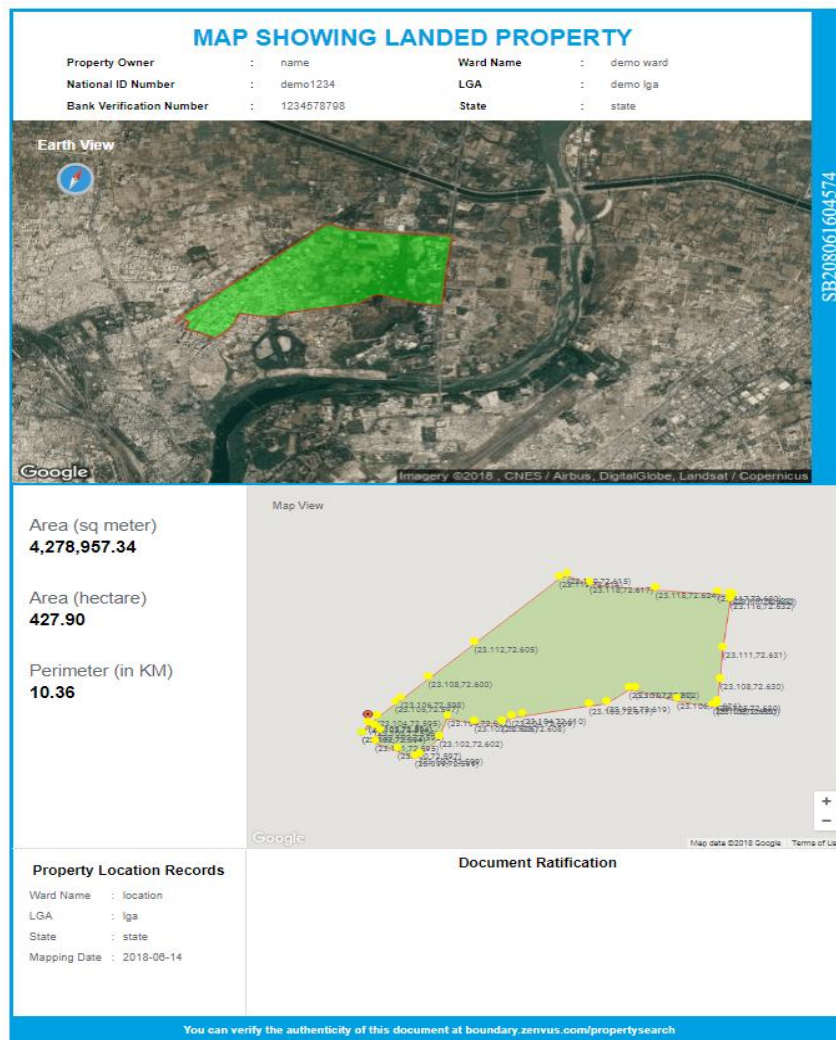
Select & Pay

| Index | File Name | Date | Status | Download | Delete |
|-------|----------------------------------|------------|------------|----------|--------|
| 1 | demo1234_vhjddn_201806131004_mob | 2018-06-14 | Approved | | |
| 2 | demo1234_vhjddn_201806131001_mob | 2018-06-14 | Approved | | |
| 3 | demo1234_vhjddn_201806131005_mob | 2018-06-14 | Processing | | |
| 4 | demo1234_vhjddn_201806131007_mob | 2018-06-14 | Approved | | |
| 5 | demo1234_assgg_201806221049_mob | 2018-06-22 | Processing | | |
| 6 | demo1234_assgg_201806221049_mob | 2018-06-22 | Processing | | |

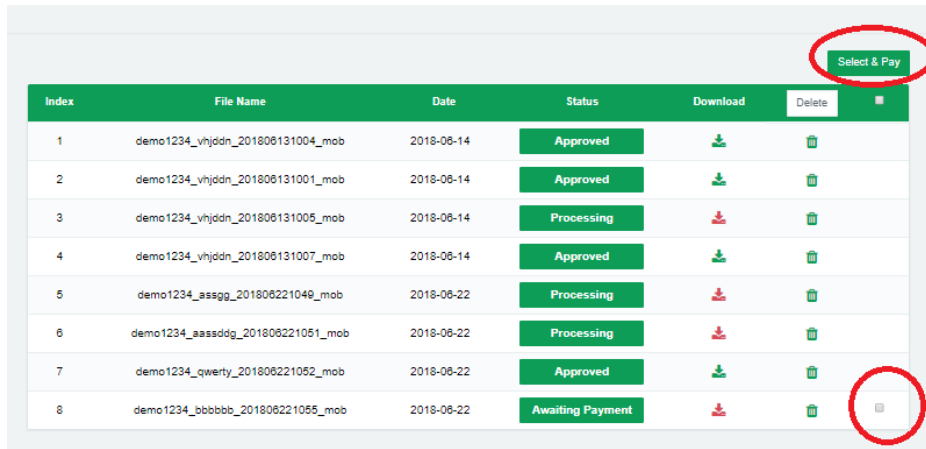
- This is Individual farmer dashboard.
- This page contains information like file name, creation date, status, download and delete option.
- There are status for each file: Awaiting Payment, Processing, and Approved depending on the payment phase.
- If file download button color is **Red** (Awaiting Payment or Processing), then file looks like below image.



- If file download button color is **Green** (Approved), the markers are removed. It looks thus.

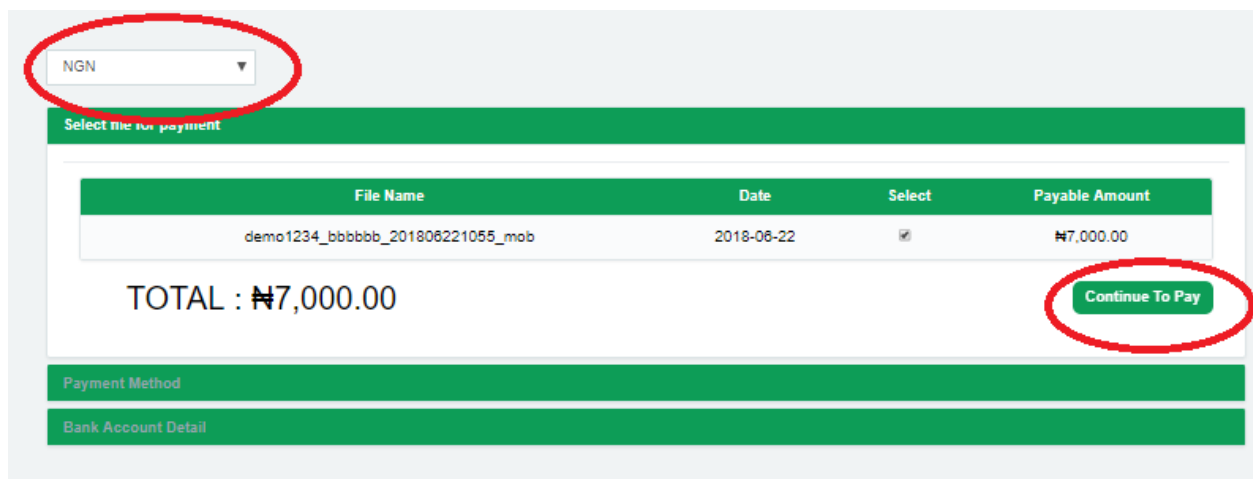


- To make file show Approved, you need to make payment. On an Awaiting Payment file, check the button the right hand side and click above it “Select & Pay”



| Index | File Name | Date | Status | Download | Delete | |
|-------|----------------------------------|------------|------------------|----------|--------|--------------------------|
| 1 | demo1234_vhjddn_201806131004_mob | 2018-06-14 | Approved | | | |
| 2 | demo1234_vhjddn_201806131001_mob | 2018-06-14 | Approved | | | |
| 3 | demo1234_vhjddn_201806131005_mob | 2018-06-14 | Processing | | | |
| 4 | demo1234_vhjddn_201806131007_mob | 2018-06-14 | Approved | | | |
| 5 | demo1234_aasggd_201806221049_mob | 2018-06-22 | Processing | | | |
| 6 | demo1234_aasddg_201806221051_mob | 2018-06-22 | Processing | | | |
| 7 | demo1234_qwerty_201806221052_mob | 2018-06-22 | Approved | | | |
| 8 | demo1234_bbbbbb_201806221055_mob | 2018-06-22 | Awaiting Payment | | | <input type="checkbox"/> |

- **Option NGN:** If you want to use bank transfer (available in Nigeria), leave the **NGN** and click “Continue to Pay”. Follow the instructions and finalize. At the end, you would see our bank information. Make transfer or deposit in an account. Email us at Zenvus@fasmicro.com.



NGN ▼

Select the file for payment

| File Name | Date | Select | Payable Amount |
|----------------------------------|------------|-------------------------------------|----------------|
| demo1234_bbbbbb_201806221055_mob | 2018-06-22 | <input checked="" type="checkbox"/> | N7,000.00 |

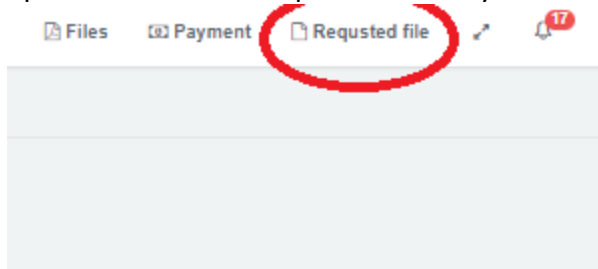
TOTAL : N7,000.00

Continue To Pay

Payment Method

Bank Account Detail

- Instead of emailing us, you can use **Requested File** to send your payment receipt to us. Upload the document picture which you can take with your cell phone.



Files Payment **Requested file**

- **OPTION USD:** If you want to pay with USD, switch the NGN to **USD** and the amount will show in USD dollars. Then, you can finish with PayPal. Once you click PayPal, it will ask

you to finalize payment at PayPal.com. We confirm PayPal internally, and you do not have to send any document.

The screenshot shows a payment interface. At the top, there is a dropdown menu for currency, currently set to 'USD'. Below this is a green header bar labeled 'Select file for payment'. Underneath is a table with the following data:

| File Name | Date | Select | Payable Amount |
|---------------------------------|------------|-------------------------------------|----------------|
| demo1234_bbbbb_201806221055_mob | 2018-06-22 | <input checked="" type="checkbox"/> | \$20.00 |

Below the table, the text 'TOTAL : \$20.00' is displayed, followed by a green button labeled 'Continue To Pay'. At the bottom, there is a green bar labeled 'Payment Method'.

- Upon the payment (either Bank Transfer or PayPal), the file will switch from **Awaiting Payment** to **Processing**. Our team after verifying payment will approve the file. Once approved (file will show **Approved**), the black markers will disappear for you to download a clean report.

2.3.2.1 Profile

zenvus

The screenshot shows the 'Profile Setting' page for a user named 'Uda Uche'. The page has a top navigation bar with links for 'Files', 'Payment', 'Requested file', and a user profile icon. The main content area is divided into two sections:

User Details

This section contains a form with the following fields:

- NIN : 4279
- Name of User : Uda Uche
- Email ID : 4279@zenvus.com
- Contact No : 12244545345
- Address : Abuja

There is a 'Save' button at the bottom right of this section. To the right of the form is a placeholder for a profile picture with a 'Select file' button and a 'Choose file' button.

Reset Password

This section contains a form with the following fields:

- Current Password :
- New Password :
- Confirm Password :

There is a 'Save' button at the bottom right of this section.

At the bottom of the page, there is a footer with 'Zenvus Boundary' on the left and '1.0.0' on the right.

- Click on top of the right, there is display profile setting.

- In this page you can change or modify User details, Profile and Reset password.

3 HOW IT WORKS

Once your report is approved, a code is generated that begins with SB. We have a public property search where you can validate that we have the records in case you want to provide the report to others. They can authenticate with that code here

<https://boundary.zenvus.com/propertysearch>

The screenshot shows a web application titled "Property Search Using Zenvus Code". It features a green header bar with a search input field containing the text "SB710" and "1589". Below the input field is a green button labeled "Search". To the left of the search button is a reCAPTCHA widget with a green checkmark and the text "I'm not a robot". Below the search bar is a green section titled "Search Results". At the bottom of the page, there is a table with four columns: "Property Owner", "File Name", "Zenvus Code", and "Upload Date".

| Property Owner | File Name | Zenvus Code | Upload Date |
|----------------|-----------|-------------|-------------|
|----------------|-----------|-------------|-------------|