

# LAND PLOTTING

ENGLISH V.1

# What is Land Plotting?

This is a very important step regarding your plots in order to check eligibility as a TREEO TPI. During the process, information such as GPS location, pictures of baseline and soil is collected.

Our satellite verification team will look at the following information:

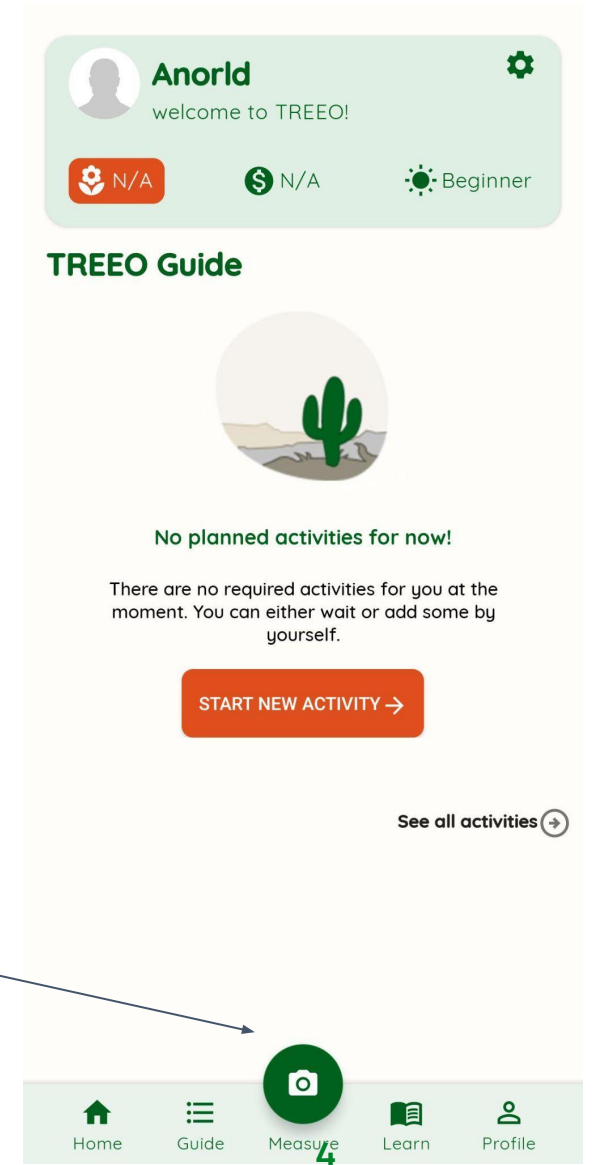
- What was standing on the plots 10 years ago?
- What is standing on the plot right now (up to 3 years) and how much CO2 is currently absorbed?
- Are there any activities nearby that would potentially endanger the project? (eg. mining activities nearby, soil pollution etc.)

# Land Plotting - Recommendations

- Enable share location on your phone as soon as you arrive on the plot, sometimes it takes time to detect GPS location
- Take as many corners as possible of your plot, it will help us assess your planting area more accurately
- Provide as much detail as possible when answering questionnaire questions
- Bring a digging tool for soil photo

# 1. Start TREEO Application

- Open App to home page
- At the bottom navigation, select the camera button ("**Measure**")



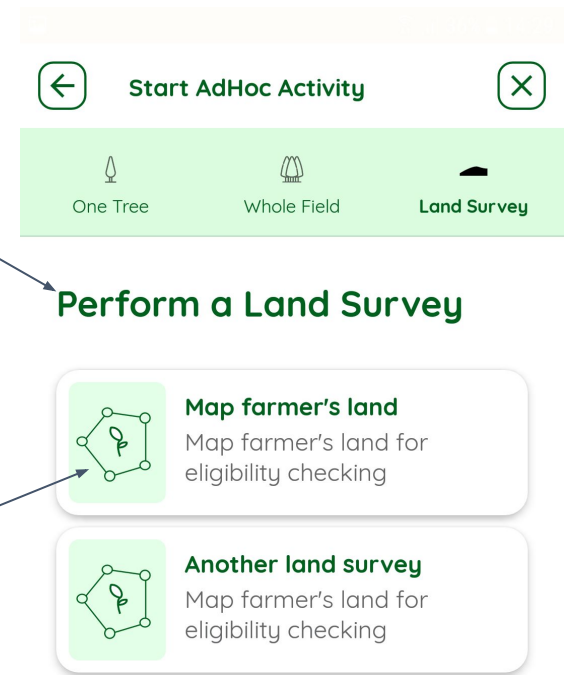
# 1. Start TREEO Application

- Tap on **“Land Survey”** at the top navigation



## 2. Start Land Survey

- Select activities under **“Perform a Land Survey”** title to start a land survey activity.
- Tap on **“Map farmer’s land”**

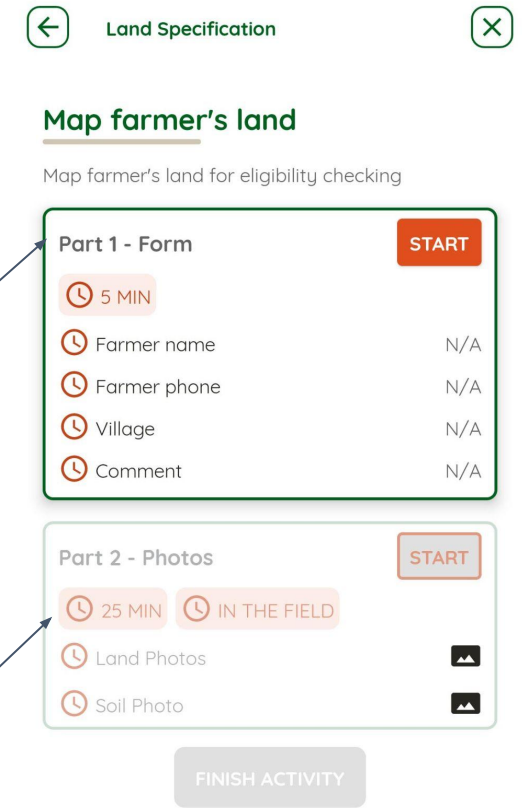


# 2. Start Land Survey

The Land Survey is a two steps process:

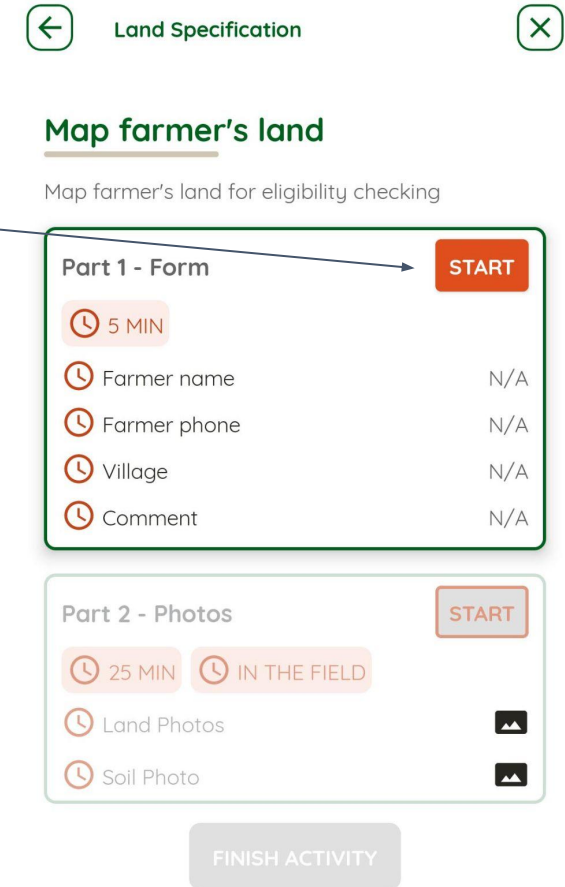
**Part 1:** This is a questionnaire to obtain more information about the land you are about to plot

**Part 2:** Here, you will be walking around your planting area, taking photographs from corners of your land and a photo of the soil



# 3. Form - plots questions

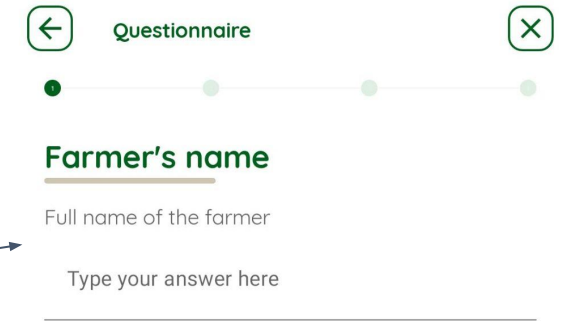
- To start the land plotting, tap the **“START”** button in orange color.
- These questions collect information regarding the plots ownership, natural disasters risks etc.
- These questions are set two weeks before the start of the activity together with the TPI and your TREEO BD Manager.





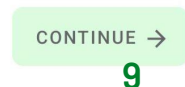
# 3. Form - plots questions

- To the best of your knowledge, answer the questions in this form.
- Tap **“CONTINUE”** to proceed.



A screenshot of a mobile application questionnaire. At the top, there is a navigation bar with a back arrow on the left, the title 'Questionnaire' in the center, and a close 'X' icon on the right. Below the navigation bar is a progress indicator consisting of four dots on a horizontal line, with the first dot filled in green. The main content area has the title 'Farmer's name' in green, underlined. Below the title is the instruction 'Full name of the farmer' and a text input field with the placeholder text 'Type your answer here'. A blue arrow points from the first bullet point of the text to the input field.

**Note:** Once you answer the question, you can proceed and tap **“CONTINUE”**.



CONTINUE →

# 3. Form - plots questions

- After all the questions have been attempted, a **“COMPLETED”** label is added to the Form.
- You can always edit your answers to the questions in the form, by tapping on the **“EDIT”** button.

Land Specification

### Map farmer's land

Map farmer's land for eligibility checking

Part 1 - Form

✓ COMPLETED

✓ Farmer name Done

✓ Farmer phone Done

✓ Village Done

✓ Comment Done

EDIT

Part 2 - Photos

START

🕒 25 MIN 🕒 IN THE FIELD

🕒 Land Photos 📷

🕒 Soil Photo 📷

FINISH ACTIVITY

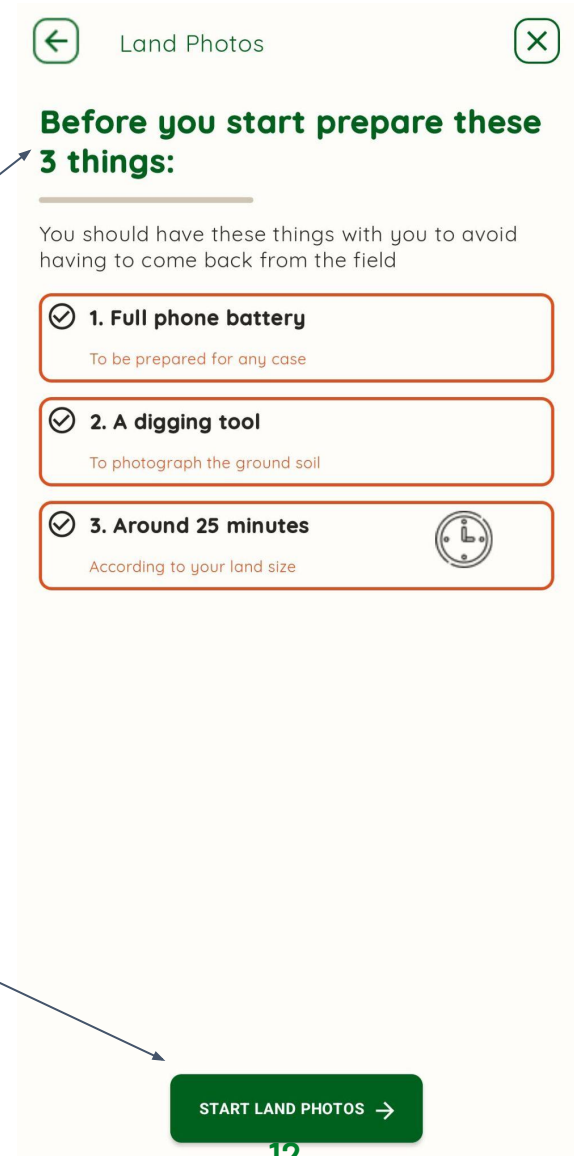
# 4. Plot Pictures

- To start Part 2 - Photos, press the **"START"** button inside the Part 2 box.

The screenshot shows the 'Land Specification' app interface. At the top, there is a back arrow and a close button (X). Below the title 'Land Specification', the main heading is 'Map farmer's land' with a subtitle 'Map farmer's land for eligibility checking'. There are two main sections: 'Part 1 - Form' and 'Part 2 - Photos'. 'Part 1 - Form' is marked as 'COMPLETED' and includes a list of fields: 'Farmer name', 'Farmer phone', 'Village', and 'Comment', all with 'Done' status. 'Part 2 - Photos' includes a 'START' button, a '25 MIN' timer, an 'IN THE FIELD' indicator, and two photo categories: 'Land Photos' and 'Soil Photo', each with a camera icon. A 'FINISH ACTIVITY' button is located at the bottom.

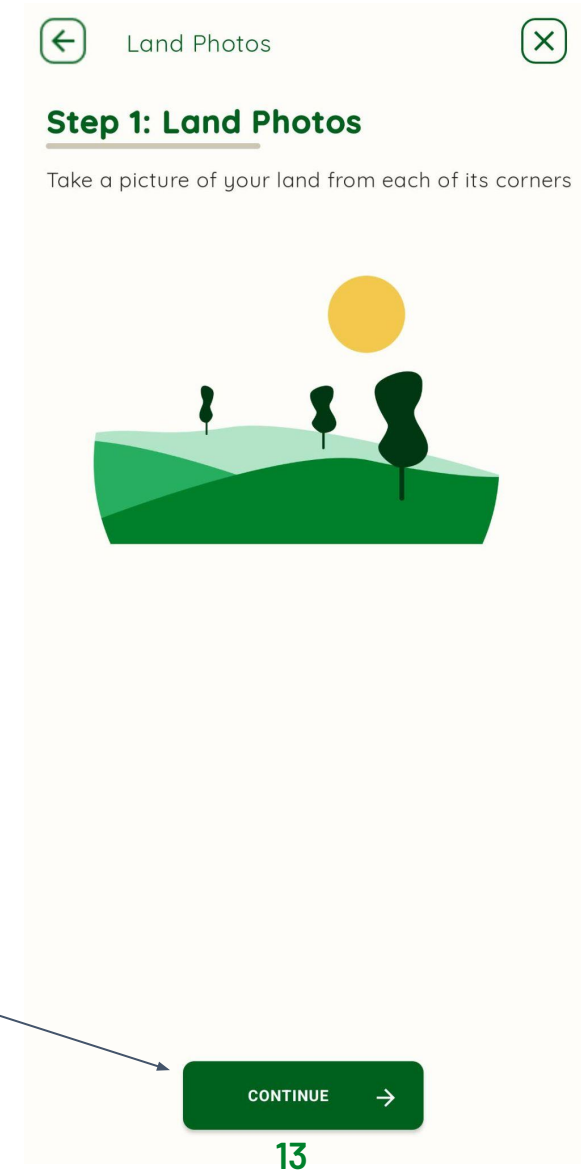
# 4. Plot Pictures

- Please read and carefully follow instructions on how to properly conduct a land plotting
- Proceed with **“START LAND PHOTOS”** button



# 4. Plot Pictures

- Activity introduction page, press **“Continue”** button to proceed.



# 4. Plot Pictures

- Choose an option that represents the number of corners that you would like to take
- Press **“Continue”** button to proceed

**Note:** We recommend **“6 and more”** because when you take more corner pictures we can better assess the boundaries of your project area.

← Land Corners ×

**How many corners does your land have?**

To determine how many pictures you will take.

3

4

5

6

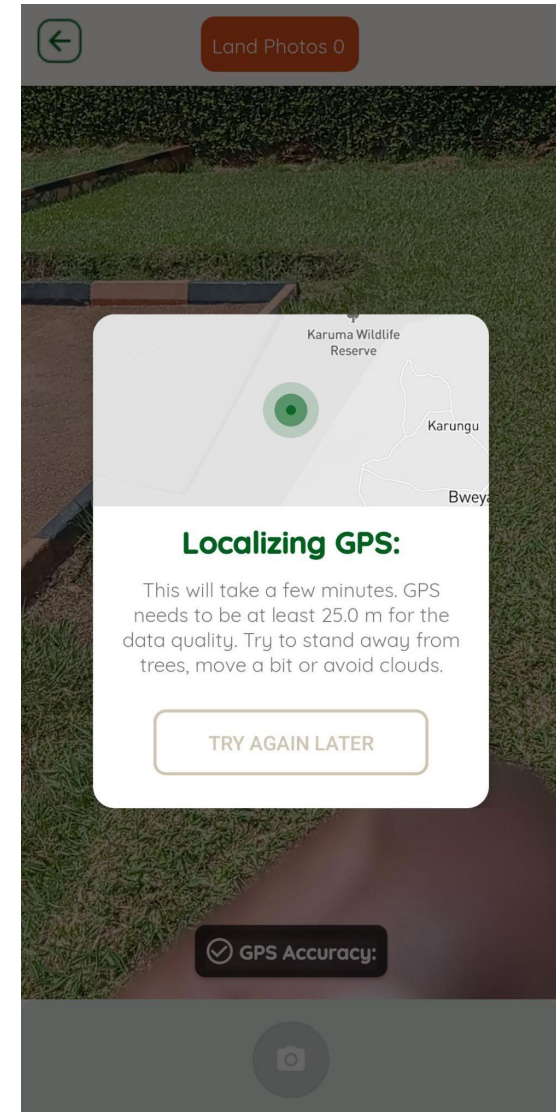
6 and more

CONTINUE →

# 4. Plot Pictures

- The TREEO App only allows to take pictures once an acceptable GPS accuracy is achieved.
- Once an GPS threshold is established, this dialogue automatically disappears.

**Note:** We recommend that you give it time, depending on your area network or satellite reception, please turn on location as soon as you arrive to your planting site



## 4. Plot Pictures

- Try to take a picture that will provide information about the amount of trees or bushes: don't simply take single pictures of a particular bush or tree
- Try to include all layers of vegetation - from the highest tree to the smallest grass, everything is important
- Avoid taking pictures that are unclear (dark, blur etc.)
- Having a person or several people standing near a tree would be great in order to assess baseline.



# 4. Plot Pictures

- Stand at the boundary, facing inward, of your land and take a corner photo using the icon button when you are ready



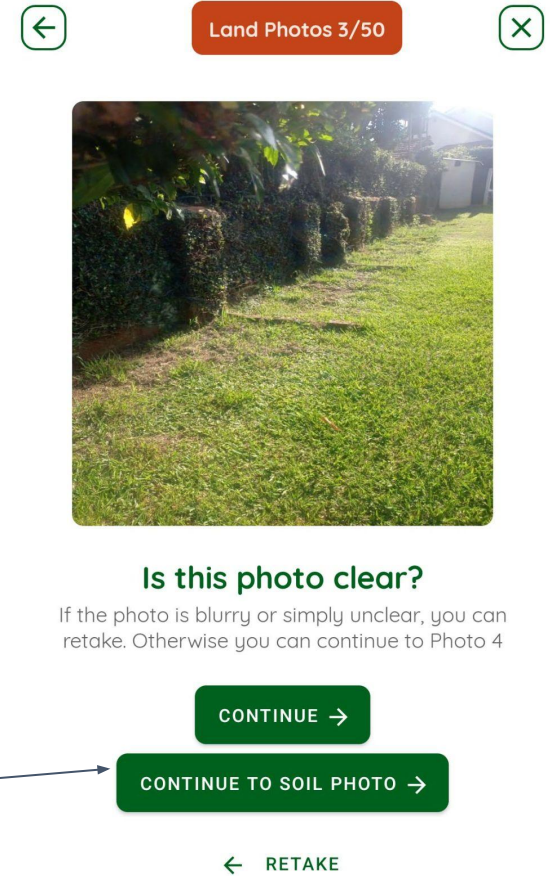
# 4. Plot Pictures

- If the photo is clear, proceed to the next corner with the **"CONTINUE"** button.
- If you are not happy with the photo, you can take it again by pressing the **"RETAKE"** button.



# 5. Soil Picture

- When you think you have taken all photos around your land, proceed to take soil photo.
- This step helps us assess the type and quality of your soil
- Tap **“CONTINUE TO SOIL PHOTO”** button.



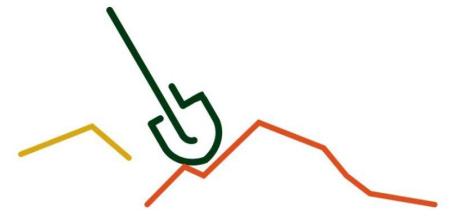
# 5. Soil Picture

- Please bring a digging tool and dig a hole in the earth, please make sure that xxx
- To proceed to taking a soil photo, tap **"CONTINUE"** button.



## Step 2: Soil photo

Now dig a hole in the ground and take a photo of your soil.



CONTINUE →

20

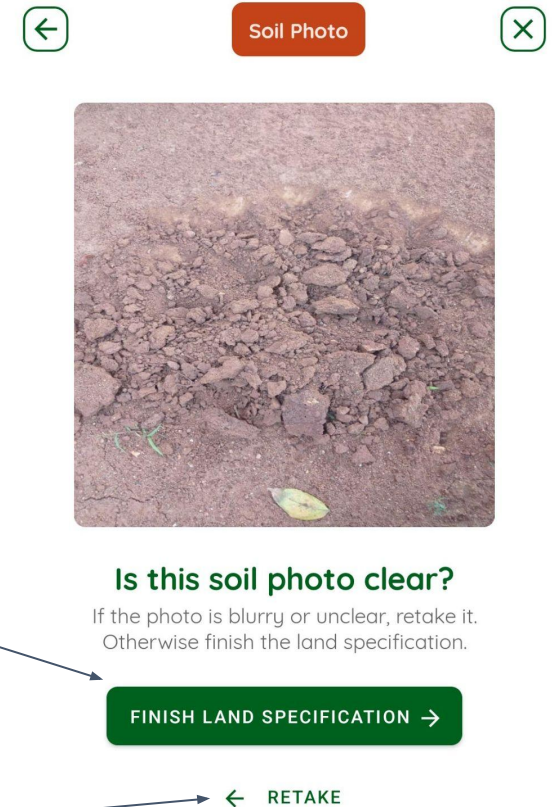
# 5. Soil Picture

- When you are ready to take a picture, capture a photo of the soil by tapping on the camera button.



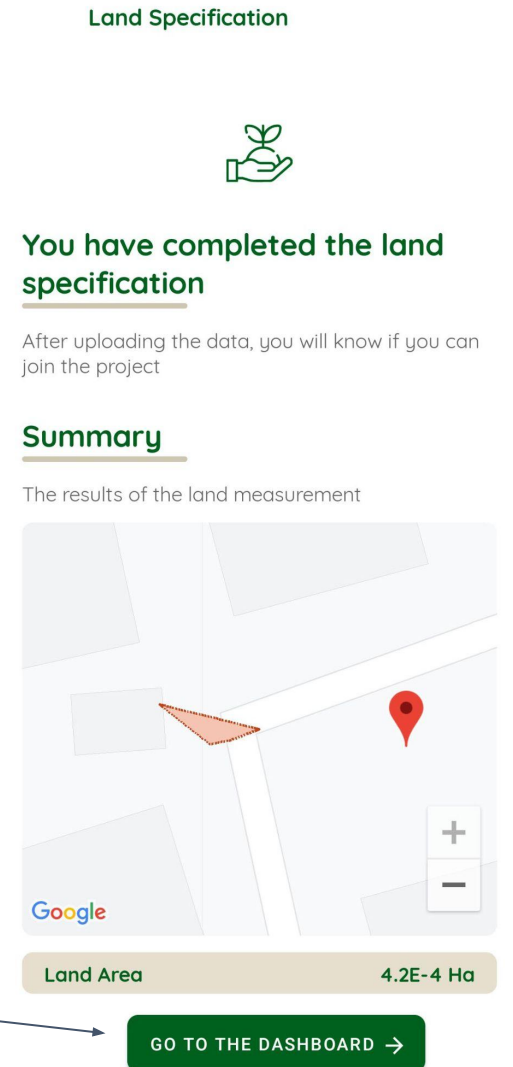
# 5. Soil Picture

- If you are happy with the soil photo, proceed by tapping **"FINISH LAND SPECIFICATION"** button.
- When the soil photo is not clear, you can take it again tap **"RETAKE"** button.



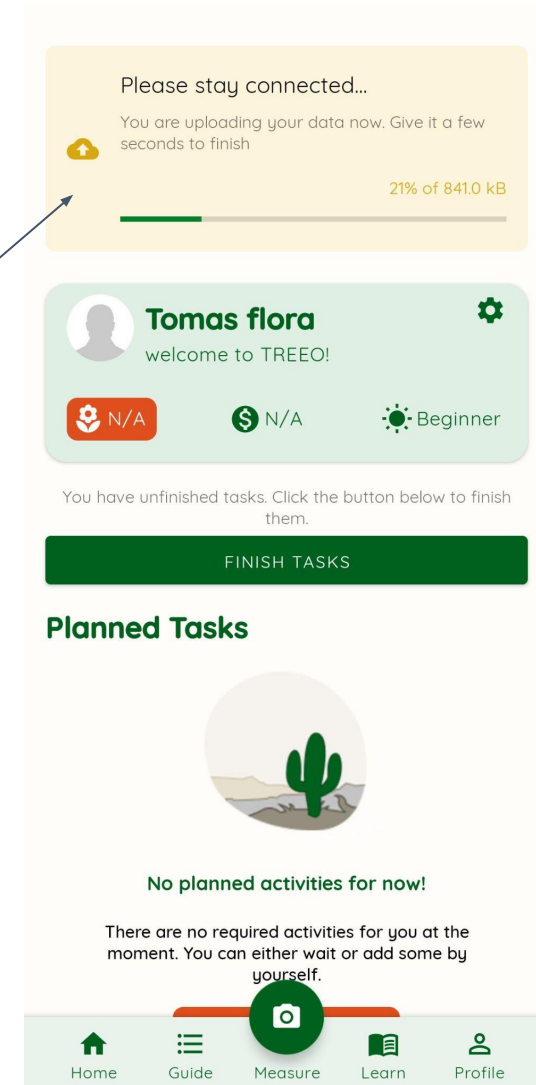
# 5. Soil Picture

- The app will bring you to the Summary page, providing you information regarding the land plotting activity.
- Exit to the home page by tapping **“GO TO DASHBOARD”**



# 6. Upload your data

- Once connected, an upload status bar will appear and all your data will be uploaded. Make sure internet connection is good and wait that all data has synced.
- TREEO App works offline for the monitoring activities but needs internet connection to upload the data to our server. When not connected to the internet, it will keep all your data and wait for you to connect.





# 6. Upload your data

- If you have problem synchronizing data, please refer to the **“Manual Data Upload”** Manual.

# Need more support?

Please note we are releasing updated version of the app regularly and it might not be reflected on this manual.

If you have any question or trouble following the steps, don't hesitate to contact us:

**support@treeo.one**