

## 4. The app

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As a Nofence customer, you get access to the Nofence app when we ship your collars. An activation email has been sent to the email address – follow the instructions in the email to create a password. Your username is your email address, then download the app from App Store (iOS) or Play Store (Android).

























If you have received your collars, but still can't find the activation email in your inbox, use the app to request a new activation email. Open the app and press on the “new user? Please activate your account” heading. Then select “Have you not received the activation email?” and enter the correct email address. Then confirm by pressing “Send me the activation email”. If you enter another email address than the one you are registered with in our system, an error message will appear.










To get started, you need to download the Nofence App. It is available in the [App Store](#) and the [Play Store](#).

When your collars are on the way, you will receive the activation email. Click on the link in your activation email to set up your Nofence user password. After setting up your Nofence user, you are ready to log into the app. Remember to press “allow the app to send alerts” so that you are notified of any power outages and other necessary alerts.

The same username and password are used to log into the webportal [my.nofence.no](https://my.nofence.no).

## 4.1. Symbols used in the app

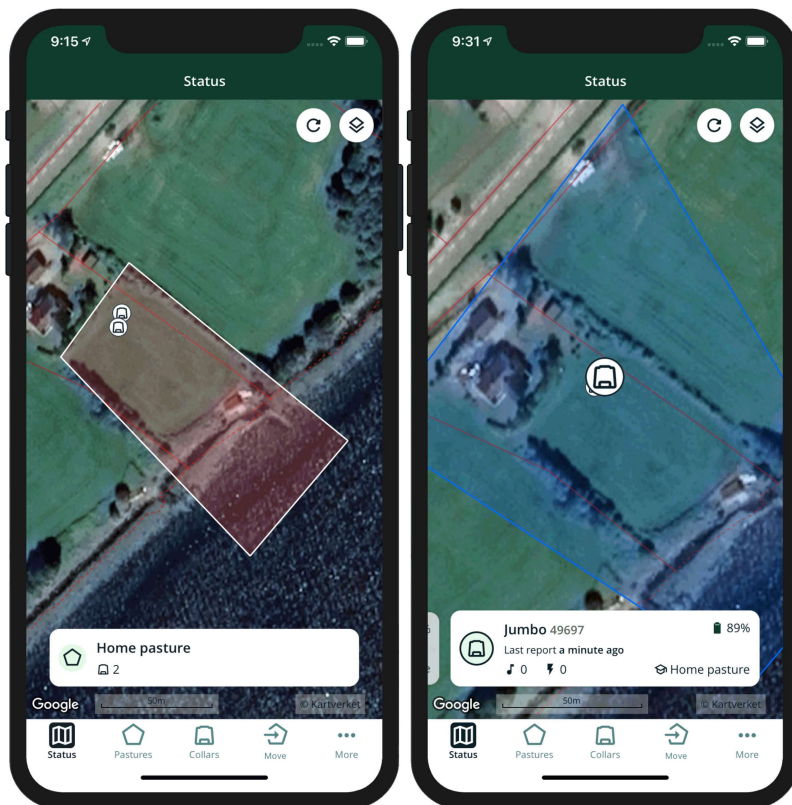
	Cattle collar		Sheep and goat collar
	Report missing. This means that the collar is unable to report over the mobile network, and can be caused by poor mobile coverage or an defective collar. The operating mode may still be working.		Report missing. This means that the collar is unable to report over the mobile network, and can be caused by poor mobile coverage or an defective collar. The operating mode may still be working.
	The animal has escaped, the collar is out of power or the collar is not moving		The animal has escaped, the collar is out of power or the collar is not moving
	Add new (collar or pasture)		Status
	Pasture		Exclusion zone
	Operating mode on		Operating mode off
	Delete marked post or marked pasture		Area
	Collar can be moved to new pasture		Escaped
	Collar has Bluetooth-contact and can play the localization tone		Collar lacking Bluetooth-contact and can therefore not play the localization tone
	Bluetooth		Bluetooth disabled
	Help		Info
	Undo (one step back)		Shelter beacon

	Lacking position		Reorder list
	Time since last report		Remaining battery life in percentage
	Number of audio warnings in the past 24 hours		Number of electric pulses in the past 24 hours
	Show map or satellite		Teach mode
	Update status		

## 4.2. Status

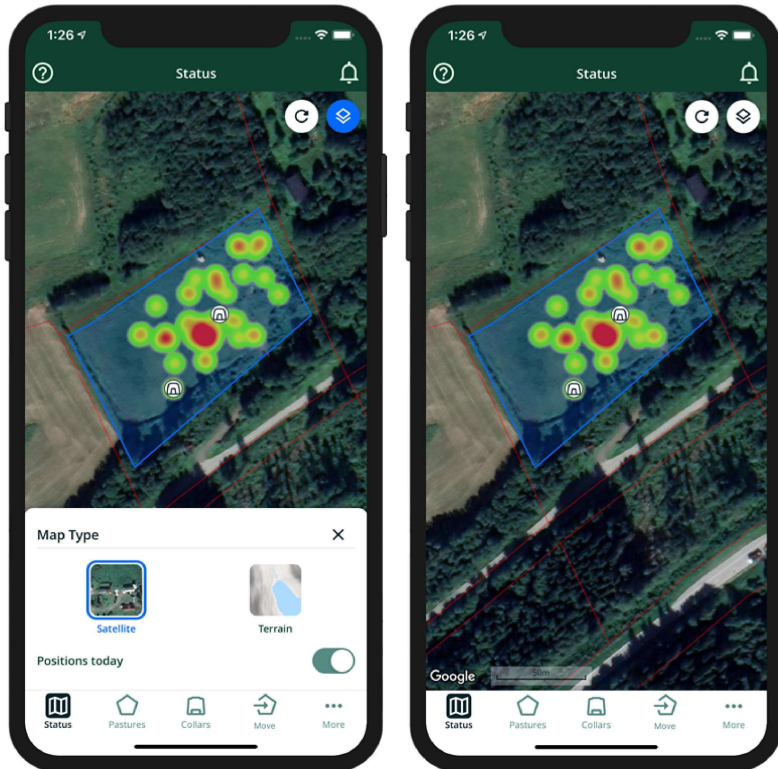
### The Status page

When you open the app for the first time, you are welcomed by the status page. An automated tutorial guides you through the different app functions. Once the collars are activated and assigned to a virtual pasture, the Status page will show active pastures and the assigned collars. By clicking on the Nofence pasture in the status map, information about the pasture and the assigned collars will appear. Click on the information box to find more detailed information, or to make changes to the pasture.



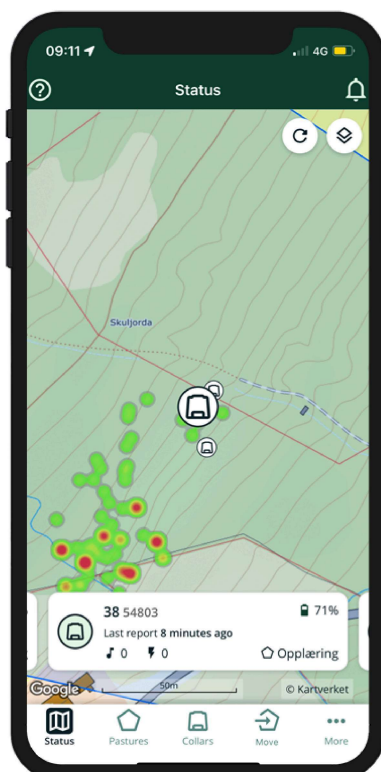
### Heat map on status screen

To view the heat map on the status screen, click on the white icon for map layers in the upper right corner of the Status screen. Slide the *Positions today* button to the right to switch this functionality on. The heat map will show the movement patterns of the herd in the pasture over the last 24 hours.

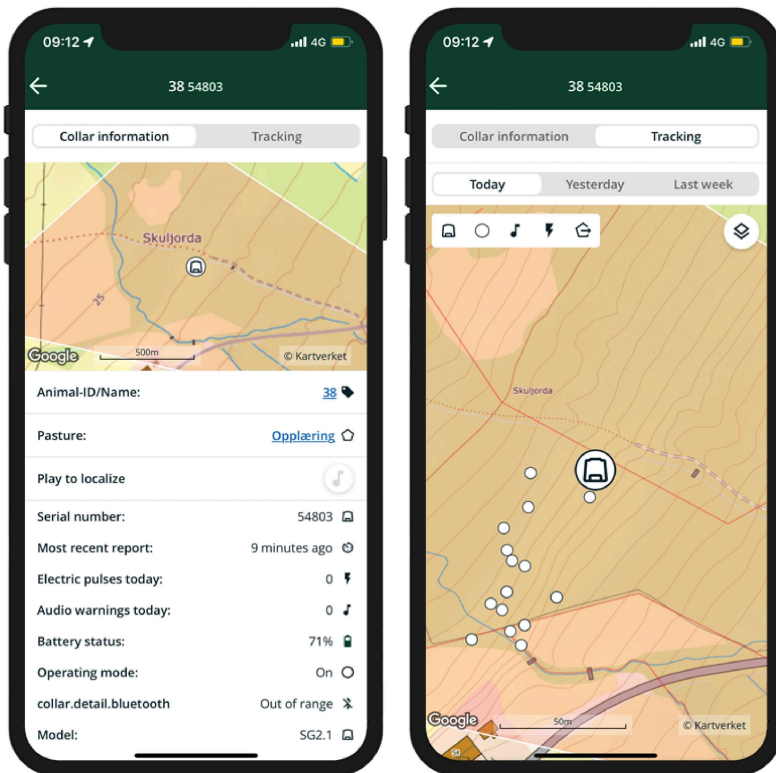


The app also gives you information about how many audio warnings, electric pulses and escapes the animal has had for today's date. This data can be found in different parts of the app; by clicking on a collar in the status map, or via the collar list.

If you click on one of the collar icons on the status page, an information box will appear. Click on this to get more information about this particular collar, or swipe the info box to see information from another collar.



If you want to see more information about the collar, click on the information box. To see positions registered today, yesterday or last week, click on *Tracking*. A map will appear with an overview of the registered positions and happenings. Information about each collar's activity levels over the last week can be found by clicking *More* and then *Statistics and Analysis*.

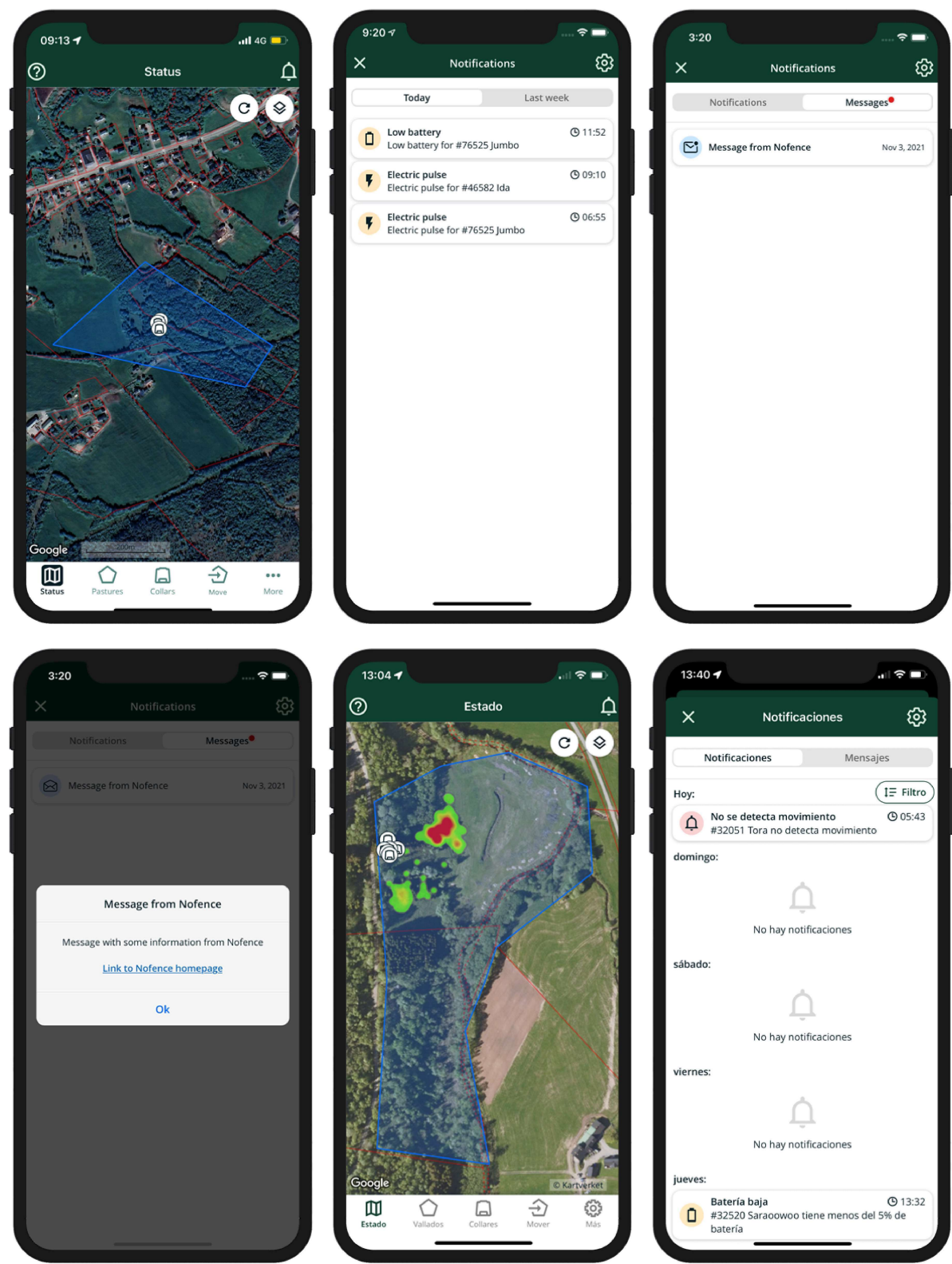


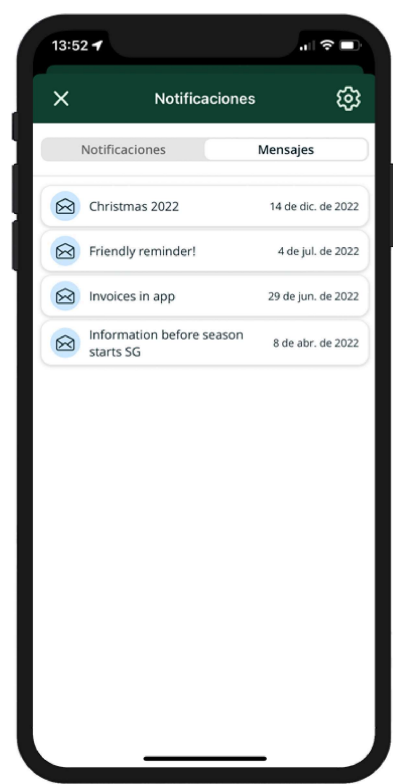
## Notification center

Use the notification center to see the push notifications for the past 24 hours or the past week. From the Status page, press on the bell icon in the upper right corner.

To get to the message inbox, click on *Messages*. You will be notified of a new message with a push notification on the phone. A red dot on the Messages sign indicates unread messages to you from Nofence. Please note that you cannot reply to messages received via the Notification center.





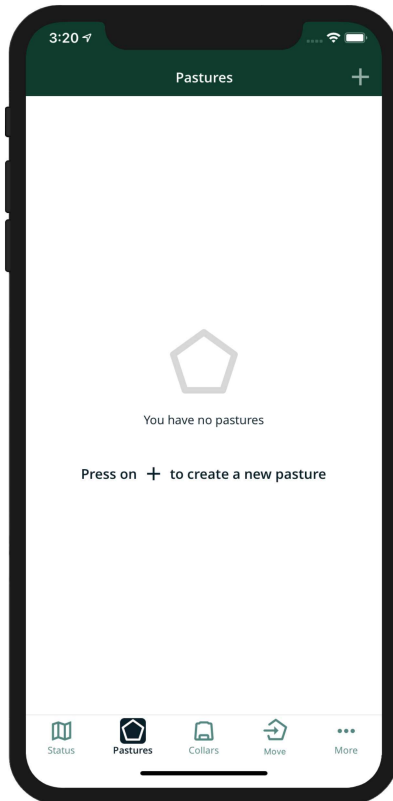




## 4.3. Pastures

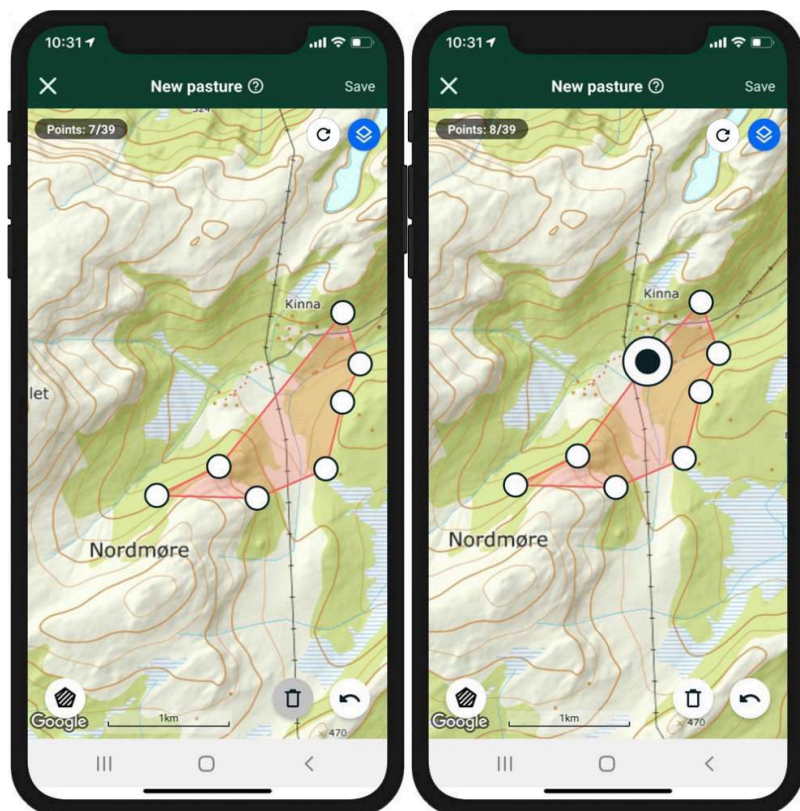
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Press “Pastures” in the main menu, this is what you should see:



Follow the instructions in app. This will take to a map. You can choose between several map types – satellite map, standard map and aerial photos. The blue dot on the map is your current position. Put your finger down on the place where you want to drop your first virtual fence post. This can be adjusted later, so it is not critical to get the position right to start with.

Keep tapping to position the other virtual fence posts. After the third post the app will create a polygon. If you keep adding posts the pasture will expand. You can adjust the position of the posts by holding them down and moving them around. To delete a post, press it followed by the trash bin symbol. Once you are happy with the design of your first Nofence pasture press SAVE in the right corner, and give it a name.



Useful tip: read our section in good pasture design to master your new fencing method: [Good pasture design](#).

## Exclusion zones

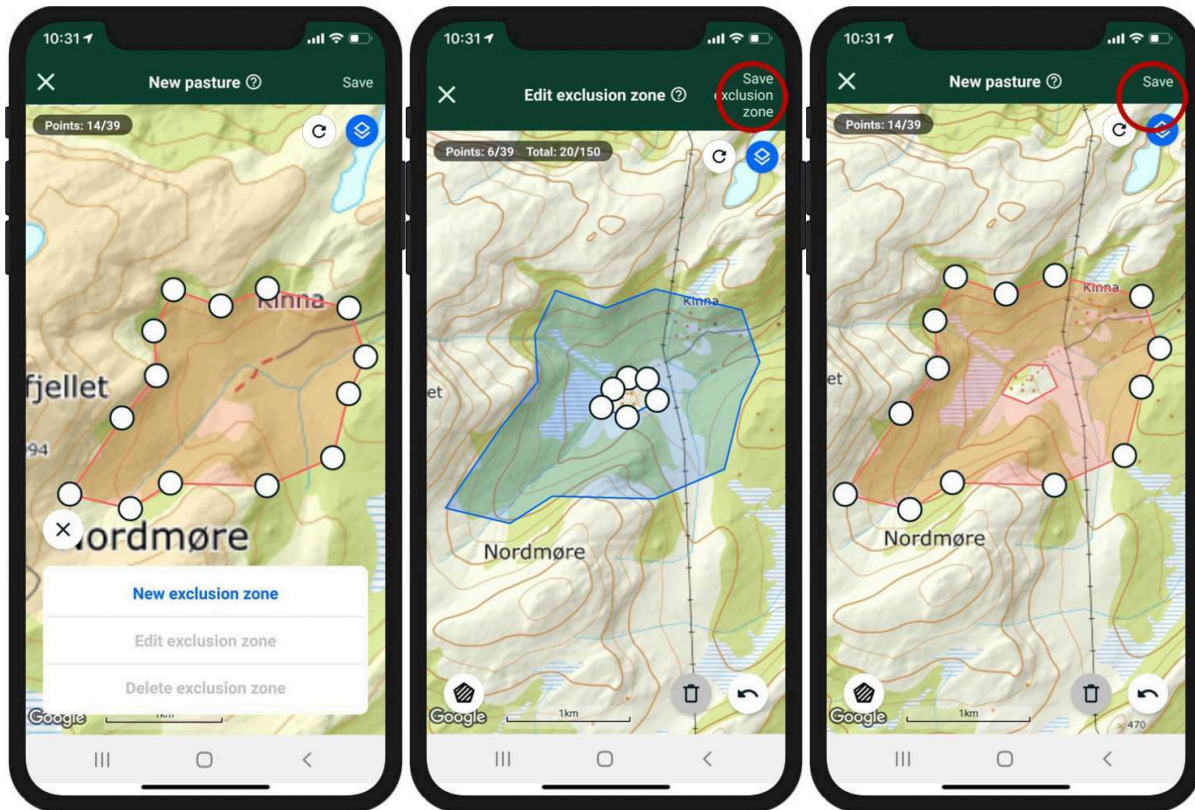
Use exclusion zones to close off areas of the pasture that you want to prevent the animals from entering, such as dangerous cliffs/drops, shelters, waterways or marshland.

To create exclusion zones inside the pasture, go to the Pastures option in the menu and select the pasture you want to edit. Press Edit pasture boundary, followed by the symbol for exclusion zones on the lower left. Three choices will appear, press New exclusion zone. Create the exclusion zone in the same way as you created your pasture. Be aware that all exclusion zones must be inside the boundaries of a pasture, and you can create a maximum of nine exclusion zones per pasture. Press “Save exclusion zone” on the top right when you are satisfied. You will return to “Editing pastures”.

\*Remember to press “Save” on the top right on the next screen, and confirm by pressing Save, and update collars, otherwise the changes will be discarded.

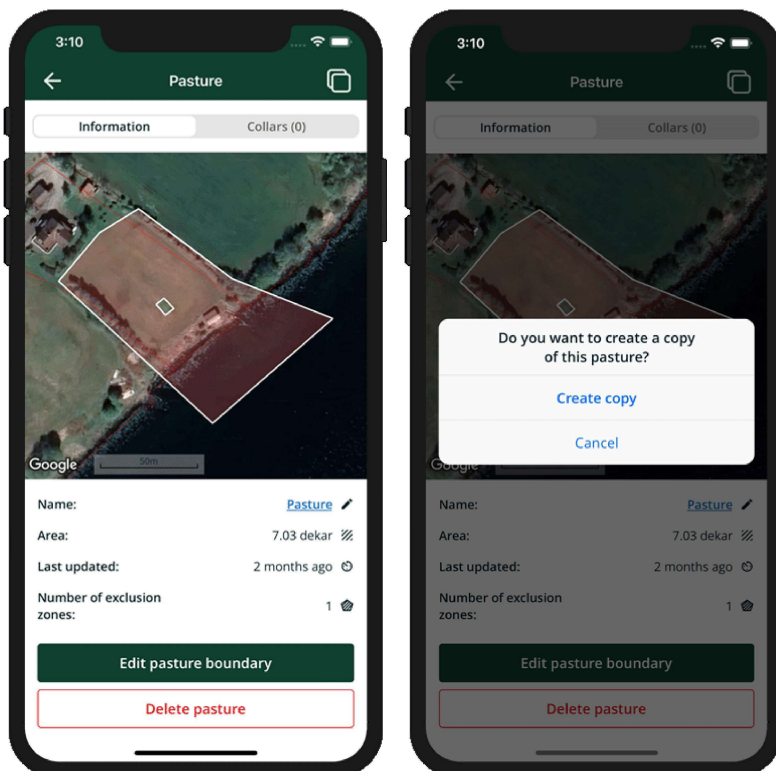
Do you want to change an exclusion zone? Go to the pasture that you want to edit, chose “Edit pasture boundary” and press on the exclusion zone symbol again. Opt for “Edit exclusion zone” and then press on the exclusion zone you want to change.

To delete an exclusion zone, choose “Delete exclusion zone” and then press on the exclusion zone you want to delete. \*Remember to press Save again in order to keep the changes you have made.



### Copy pasture

You can also copy your pastures. Go to your pastures and click on the pasture you want to copy. Then press on the square on the top right corner and make a copy. The copy will then be added to your list of pastures.



### Map, satellite photo, or aerial photo?

In the upper right corner, you can select which type of map you would like to view in the app by clicking on the white circle with the map layer symbol. There can be quite a difference between the standard map, and the satellite map, as the satellite map can deviate from reality. For greater accuracy, using the aerial photo option may be best.

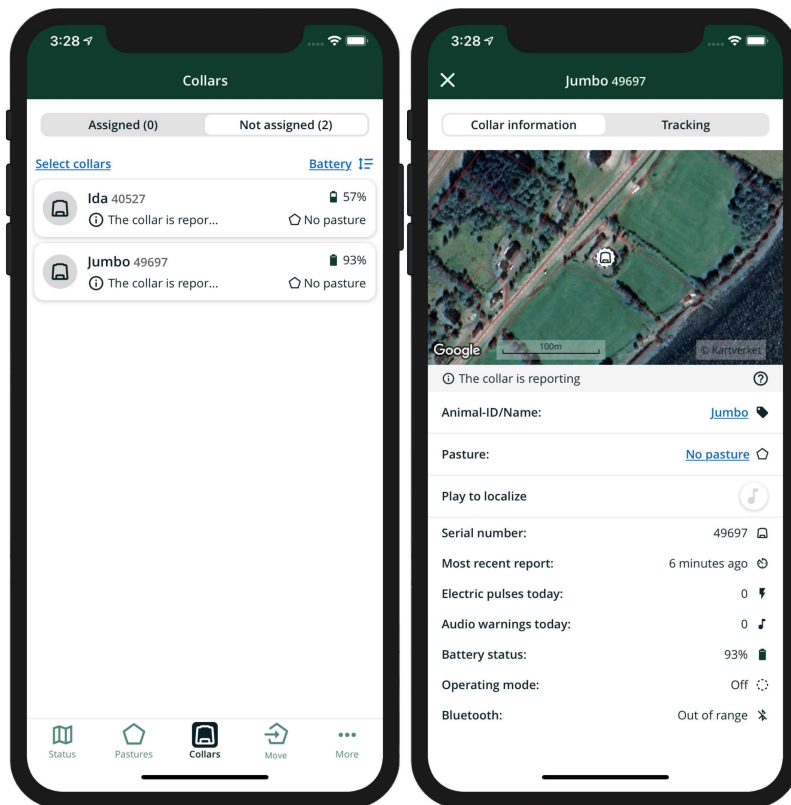
**Pasture analysis**

From the Pasture screen, select the pasture you want to see more information about. Press on the Analysis button on the top right and choose between today's data, data from yesterday or last week. You can get data on positions, electrical pulses, and escapes as a heat map view.

## 4.4. Collars

### Collars

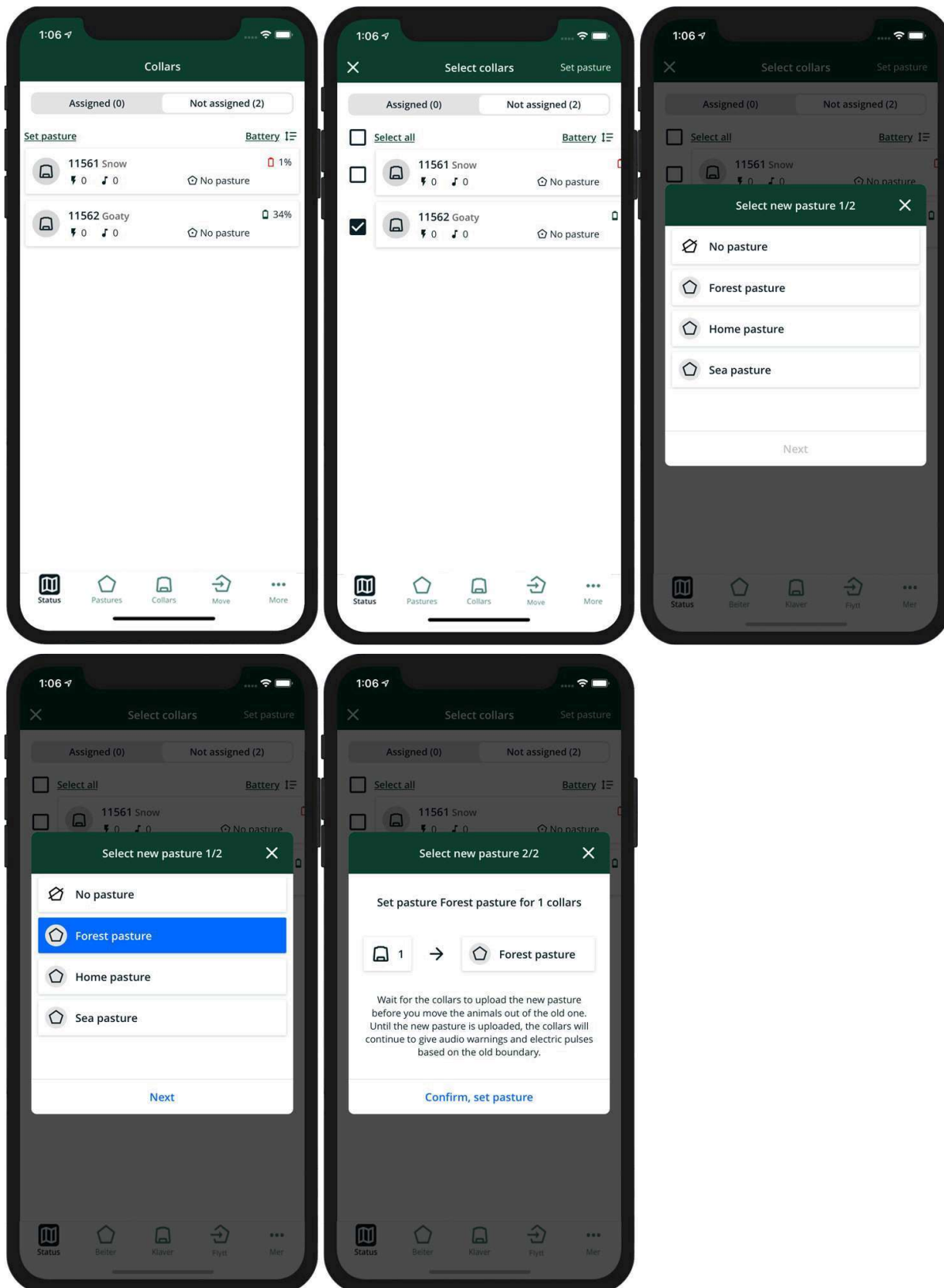
Click on “Collars” in the bottom menu to view the list of all your collars. The first time you enter the app, you may need to assign the collars to your user if this has not been done already. Find more information on this matter further down in this section. All collars will appear under the tab “Not assigned”. To give a collar an animal ID or name, click on the collar and then “Add ID/Name”. That way, it will be easier to locate each animal in the map later.



### Assign the collars to a pasture

Even though the app has a button for moving collars, you can also assign the collars to a pasture via the collar list. Click on Select collars and select the ones you want to move. Click on Select all if you are moving all collars at once. Then click Move collars in the bottom right corner, and select the pasture you want to assign them to.





The app will inform you when the collars are loaded to the pasture. When the pasture has been successfully loaded, you will be alerted that it is safe to move the collars into the pasture. If the app fails to contact one or more of the collars, the app will say “Problem loading pasture”. For more information on this matter, please see the section [Troubleshooting](#).

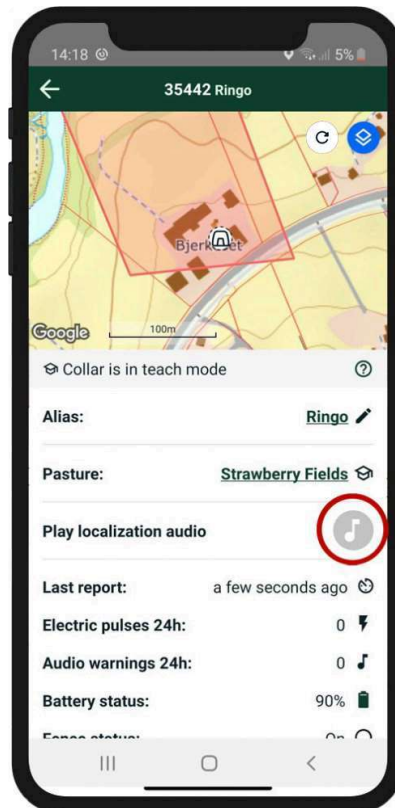
Now all is ready, and you can move animals into their new pasture. As soon as the collar has registered a position inside the pasture, the virtual fence will be activated.

### The Bluetooth search function

The Bluetooth search function can be used to find a lost collar. Find the last registered position for the collar in the map, and walk out to this area in the pasture. Open the collar card in the app, find the 'Play to localize' option and click on the tone icon to the right. If the collar is able to connect to the phone via Bluetooth, it will start playing a tune. Click [here](https://www.youtube.com/embed/GLOJpX1YONQ?rel=0) to listen to the localization melody.



<https://www.youtube.com/embed/GLOJpX1YONQ?rel=0>



\* Please note that you have to give the phone access to your position for this function to actually work.

! The search function should not be used as long as an animal is wearing the collar, as it may confuse the animal.

### Adding collars to your user

This functionality uses Bluetooth technology, so make sure to switch on Bluetooth on your phone and insert a battery into each collar before you start.

Go to Collars in the main menu to view the collar list. Press the plus icon in the upper right corner to add the new collars to your user. All collars with Bluetooth contact will appear on the list. Select the one(s) you want to add to your user and confirm your choice.