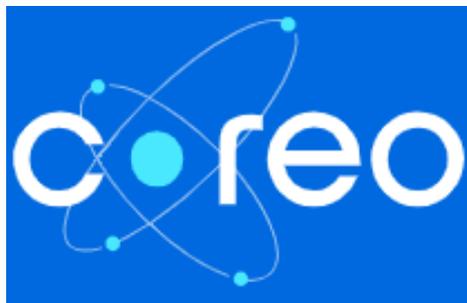




USER INSTRUCTIONS FOR CITIZEN SCIENCE APP



Nidderdale
National
Landscape

14th February 2025

Version 2.1

CONTENTS

SMART PHONE USER INSTRUCTIONS	2
SETTING UP THE APP AND LOGGING IN	2
IF YOU ALREADY USE THE COREO APP	6
NAVIGATING AROUND THE APP	9
TAILORING YOUR MAP VIEW	10
SETTING UP AN OFFLINE MAP	11
ADDING A RECORD.....	15
ADDING A NEST OBSERVATION.....	20
AFTER THE SURVEY - SYNCING DATA	23
HELP PAGES	24
REVIEWING YOUR RECORDS – ON YOUR PHONE.....	25
LOOKING AT RECORDS ON THE MAP	25
SHOWING YOUR RECORDS AS A LIST.....	26
EDITING YOUR DATA.....	27
REVIEWING YOUR RECORDS – ON YOUR PC	28

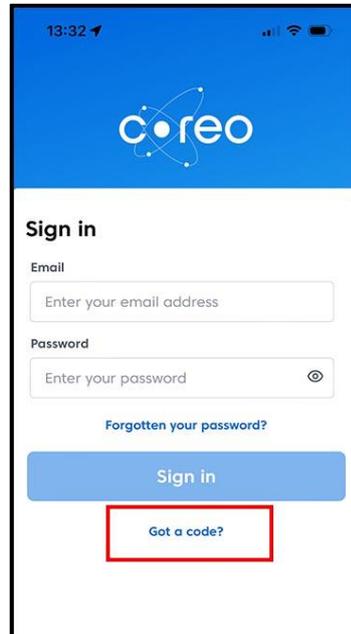
SMART PHONE USER INSTRUCTIONS

SETTING UP THE APP AND LOGGING IN

First download the Coreo app from the relevant app store:

1. [iOS](#) (Apple)
2. [Android](#)

Once you're on the sign in screen (shown below) select "**Got a code?**"



On the following screen, enter your code and then choose the most appropriate option for signing into Coreo.

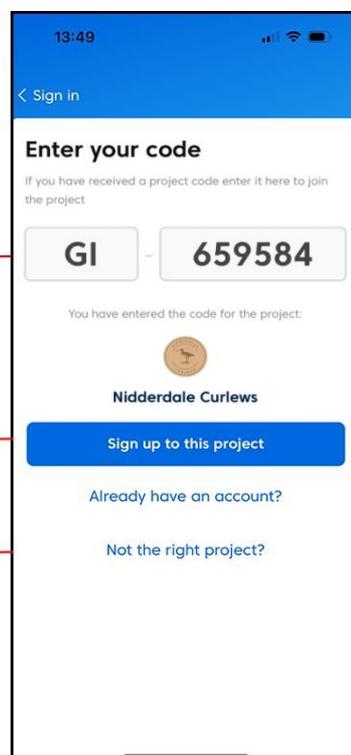
The code for the Nidderdale Curlew Project is **GI-659584**

Choose **Sign up to this project**, which is what you'd do if you've not previously created an account in Coreo.

Enter your code here

If you're new to Coreo, use this option

Use this to try another code



Existing users can sign in here

Enter your email, name and a password.

Once you have completed your details hit **Sign Up**.

13:52

< Sign in

Create account

Email
hello+22@natural-apptitude.co.uk

Full Name
Doug Field

Password
••••••••

Password is secure

I acknowledge that I have read and accept the [Terms & Conditions](#) and consent to the [Privacy Policy](#)

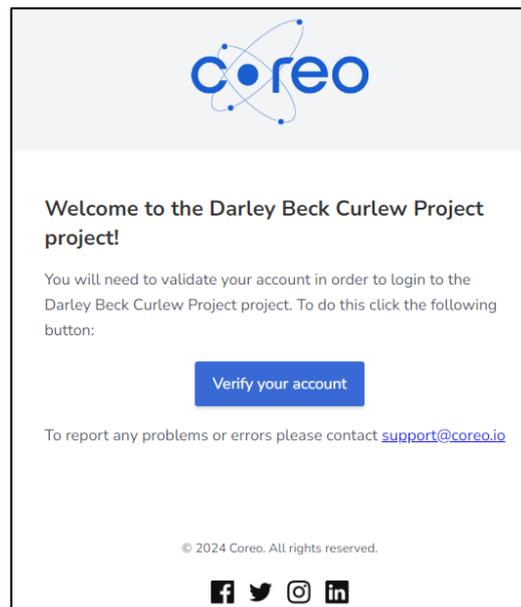
I am happy to be contacted with news and updates regarding Coreo

Sign up

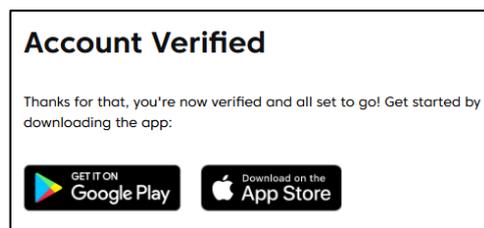
You'll now need to head over to your email to verify your email address.

An email should arrive from Coreo within a few minutes.

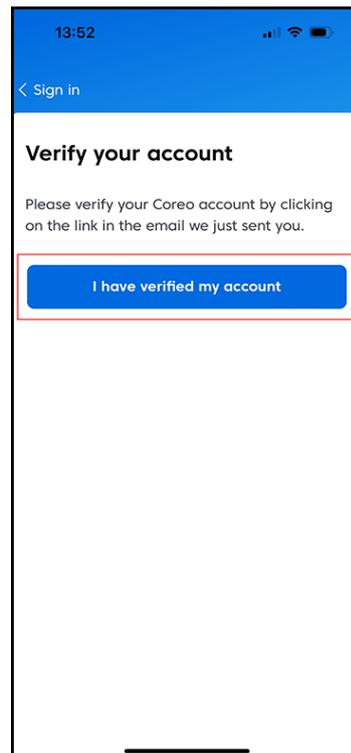
Click on the **Verify your account** button.



You will be taken to a webpage confirming the account has been verified.

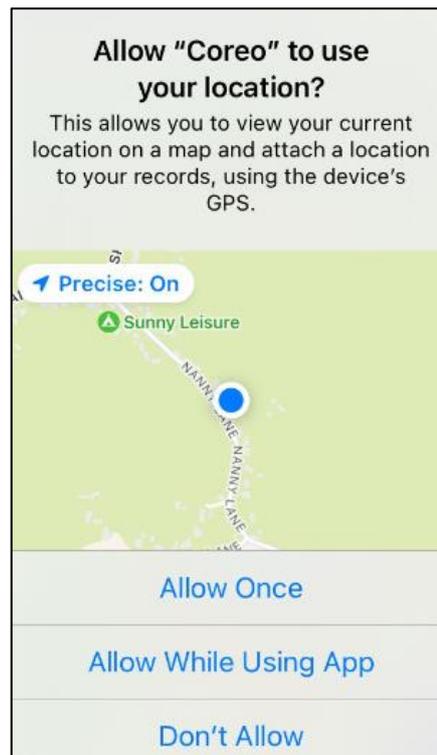


Now, go back to the app and click on the blue button **I have verified my account**.



You may now be prompted to allow Coreo to use your location.

You are recommended to choose **Allow while using app**.

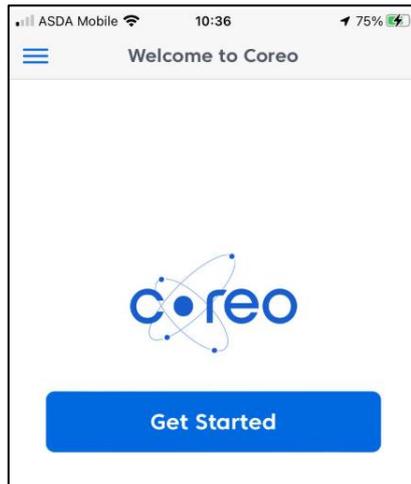


You will now be taken to the home page of the project which should look like this.

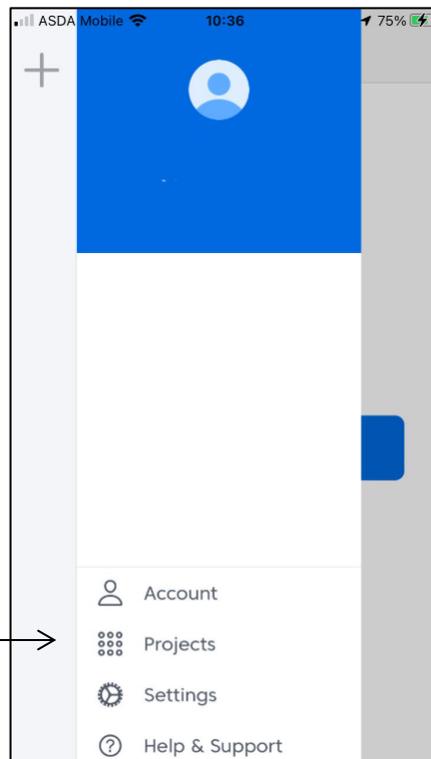


IF YOU ALREADY USE THE COREO APP

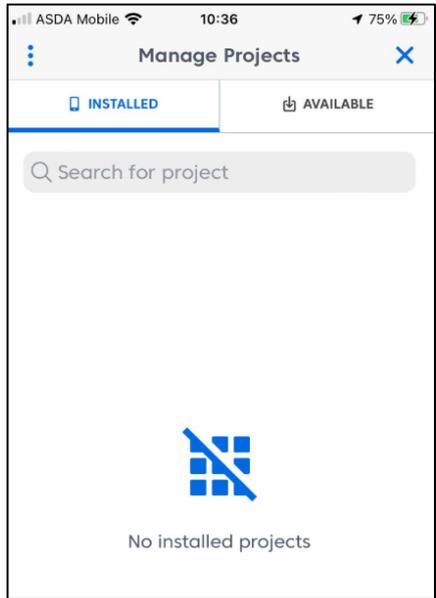
From the Welcome screen, click on the **Menu** icon in the top left.



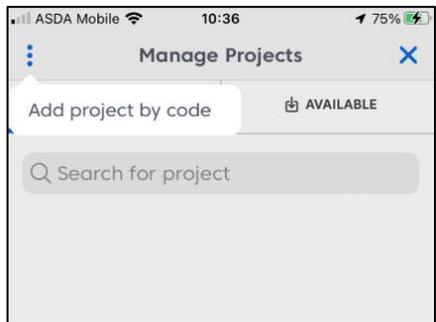
Click on **Projects**



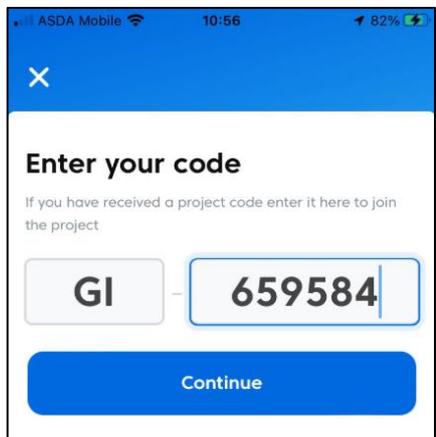
Click on the 3 vertical dots to add a new project.



Click on the small box that appears to **Add project by code**

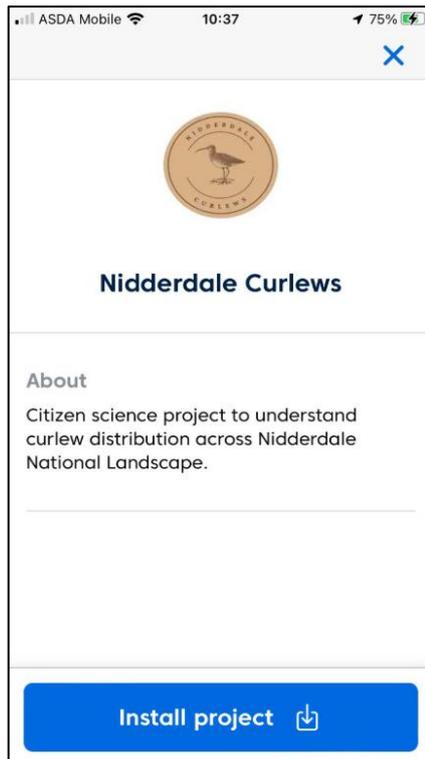


Enter the code for the Nidderdale Curlew Project which is:
GI-659584



Then click on the **Continue** button.

You'll see a screen summarising the project.



Click on the large blue **Install Project** button.



The app will install the project onto your phone.

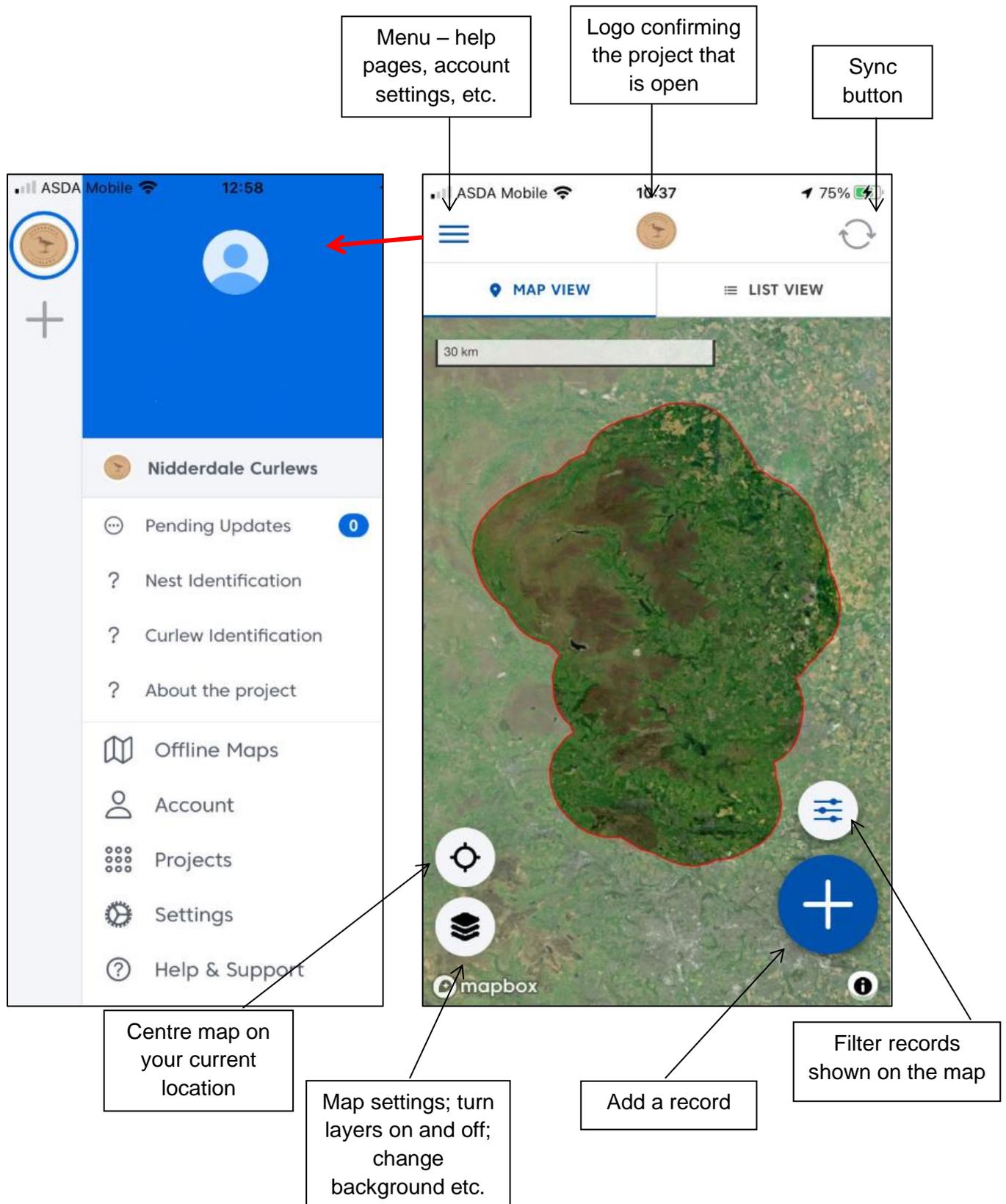
After a few moments, the button at the bottom of the screen will change.



Click on the large blue **Go to project** button.



NAVIGATING AROUND THE APP



TAILORING YOUR MAP VIEW

This section shows you how to change the background view, ie. base map.

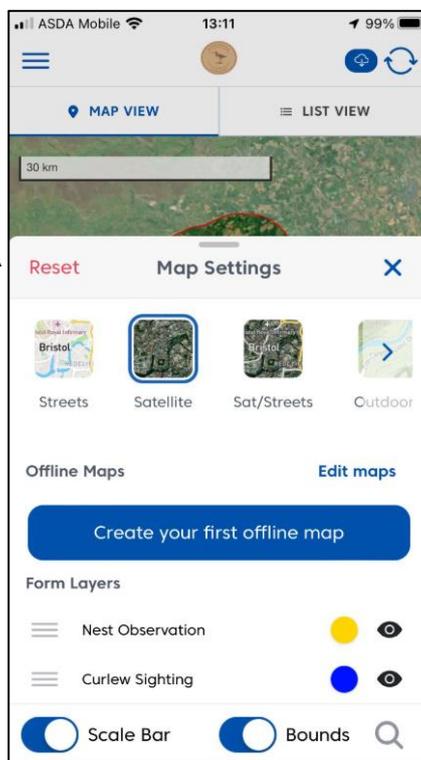
The background map only works if you have a phone signal ... but you can save this so that it works offline.



From the home screen, click on the **layers** logo in the bottom left. →

If you click **Reset** in the top left corner, this will take you back to the default settings.

Click on any of the base map options to choose your preferred background. **Satellite** view probably best when surveying. →



Form Layers
These are your submitted records. You can decide which layers you want to see on the map by clicking the **eye** icon:

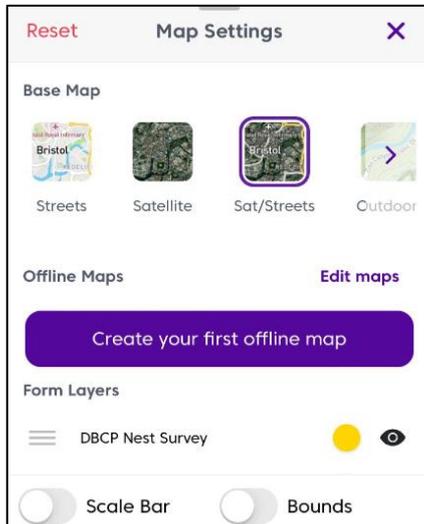
- dark eye = visible
- grey eye with slash = hidden

Toggle **scale bar** on to add this to the map view. →

Toggle **bounds** to show the active survey area (currently Nidderdale +5km buffer). →

SETTING UP AN OFFLINE MAP

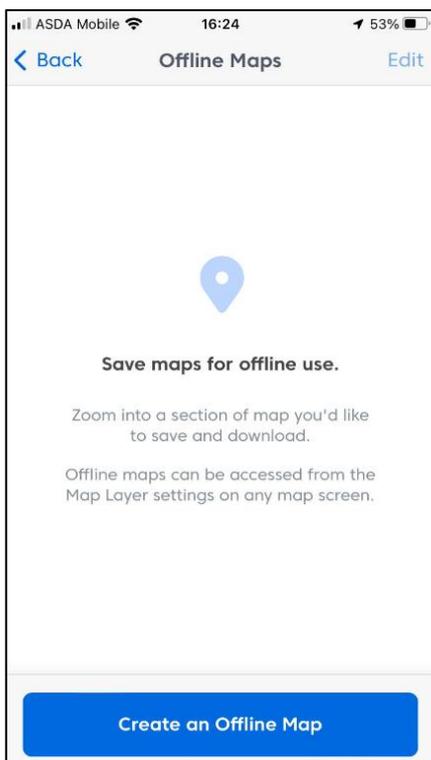
This option is useful if you live in an area where there is no mobile data signal out in the countryside.



When you are at home with WiFi, download a map that can work offline if needed.

Click the **Layers** button bottom left to open map settings.

Click on the large purple button **create your first offline map**.



On the confirmation screen that appears, click the blue button **Create an offline map**.

There are two options available:

Dynamic Maps

For small areas, suitable for most survey sites, you can capture dynamic offline maps which contain all available zoom levels. This recreates the interactive map experience you'd experience online. To capture a dynamic map, choose the basemap layer you wish to save, zoom into the area you want to capture, and tap the Download Dynamic Map button.

Static Maps

If you want to save a larger geographic area than is possible with dynamic maps, you can save a flat "static" image of any area. Simply zoom out to view the area you wish to save and tap the Download Static Map button.

Please be aware that this is a flat image and quality will be lost as you zoom in.

If you will be surveying in a relatively small area (e.g. your local village or farm) we recommend you download a **Dynamic Map**. Although this takes up more memory on your phone, it will provide more detail when you zoom in.

Click the **Layers** button bottom left to open map settings.

We recommend you turn on the **Satellite** view.

Use two fingers to scroll in or out.

When viewing a large area, you will only be presented with the option to **Download Static Map**.

The larger the area, the blurrier this will be as you zoom in offline.

Keeping zooming in to navigate to the area you want to use offline.



When you are sufficiently zoomed, the button at the bottom of the screen changes and allows you to download a dynamic map.

This takes up more memory, but shows more detail when you zoom in off-line.

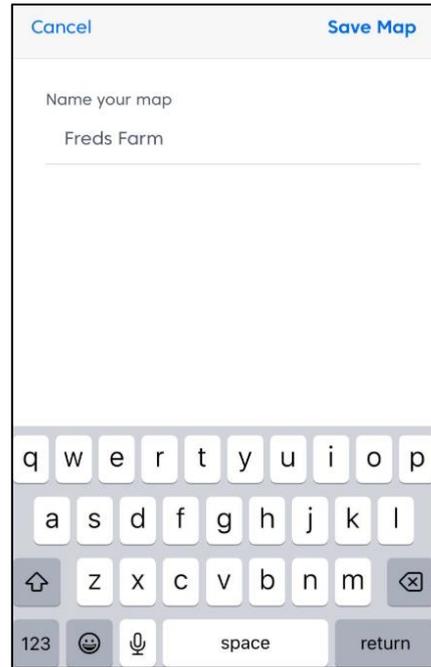
When the map is on the area you wish to save, click on the large blue button **Download dynamic map**.



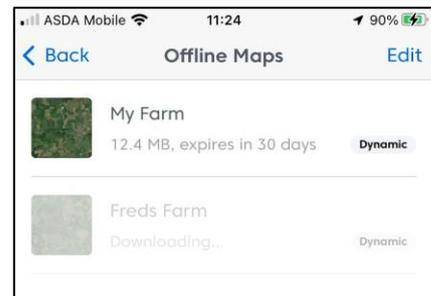
You'll be asked to give your map a name.

Once typed in, click **Save Map** in the top right.

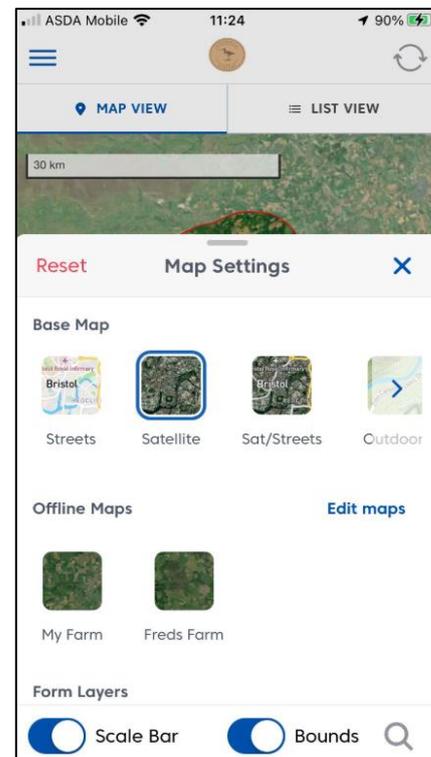
The map may take a few minutes to save.



Click on **Back** to return to the home screen.



If you re-open the Map Settings, you will see your offline maps listed. →



You may wish to test the offline maps before you start recording outdoors.

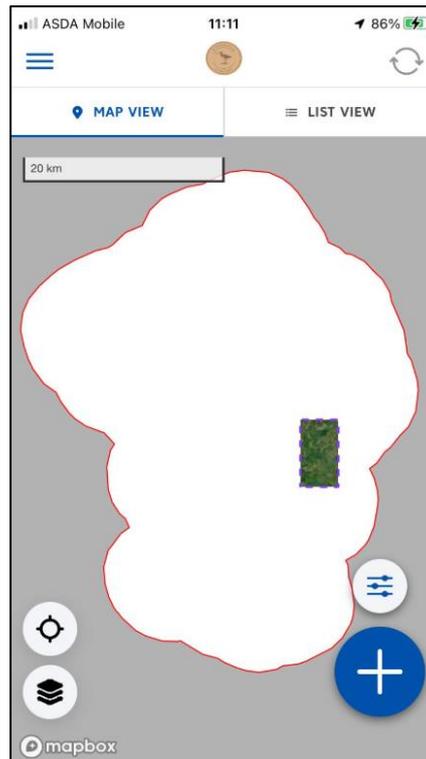
Turn off your phone's wifi and mobile data.

Close and re-open the app. You will have a blank white screen.

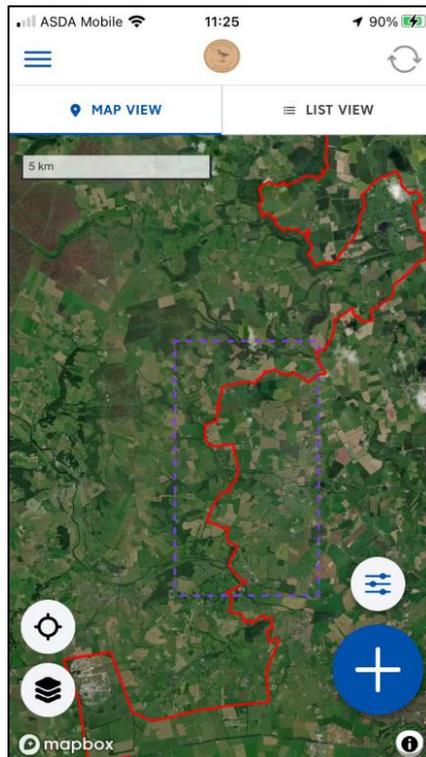
Go into Map Settings and select your offline map/s.

This will open and you can see it is for the area you chose only.

If set up as a dynamic map, if you scroll in you should retain sufficient detail to identify your location.



When back on-line, the area of the offline map is indicated by a blue dashed line.



ADDING A RECORD

Note: The app works best when data is keyed in real-time in the field, but you can key data once you are home if you prefer.

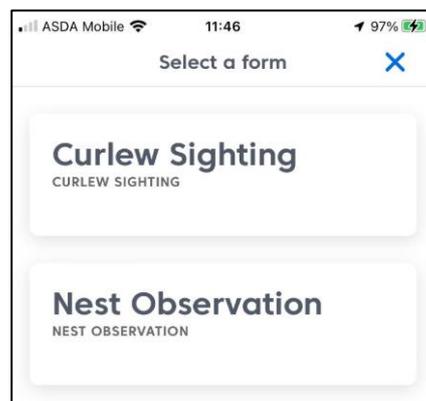
Add a record by clicking on the blue button with the plus sign at the bottom right of the screen.



Choose what sort of record you want to add: curlew or nest.

Important: To avoid disturbing birds, please only record from a distance and do not approach nests.

The following section shows how to add a **Curlew Sighting**.



First, record the location of your curlew/nest sighting.

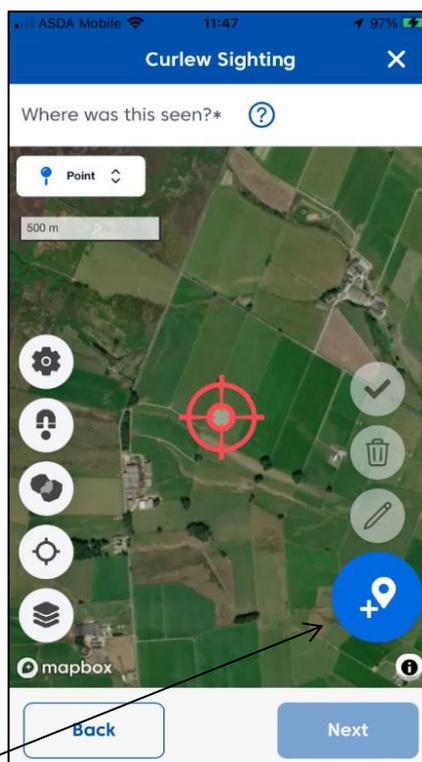
If required, you can turn layers on/off in the Map Settings to help you visualise things as you wish.

Tap the **centre** icon to jump to *your* current location. Use two fingers to scroll in and out.

The red bullseye in the middle of the screen marks where the record will be placed.

Use a finger to move the background map and ensure this most accurately reflects the location of the bird/s.

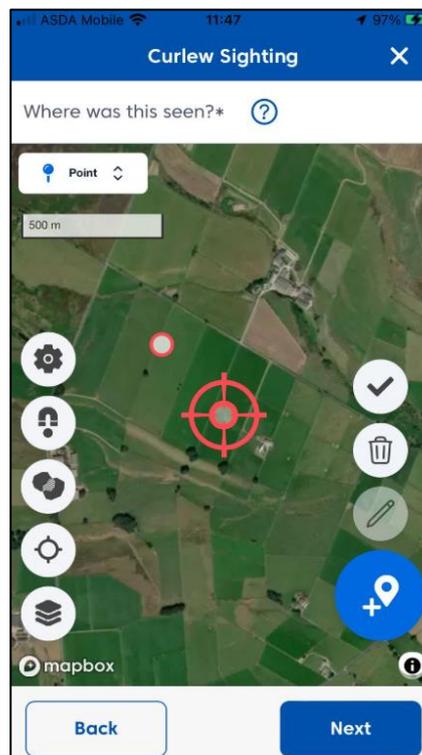
Once you are happy with the location, click on the blue add point icon.

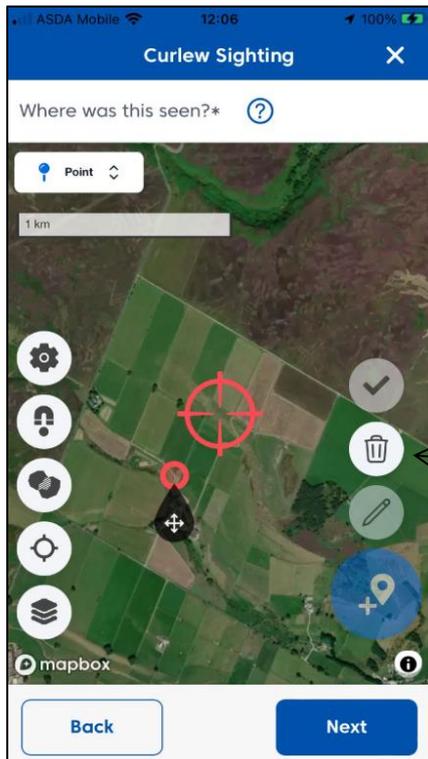


Click on the **Tick** to confirm the location.

Hint:

If you want to check your point has been put in the right place, just move the map away from the bullseye and you will see the point has been added to the map.





If the location isn't right and you need to edit it, tap on it. The icon will change.

Click the **recycle bin** button.

You can then add the point again.

Once happy with the location, click the **Next** button.

You are then prompted to confirm the date and time of the observation.

This will default to the current date and time.

If keying date in the field, just click **Next** to move on.

Or, if you are keying data retrospectively, you can edit this by tapping on the box.

You can then select a new date from the calendar.

Tap the time if you wish to alter this, then scroll through hours, minutes, and AM/PM to select the correct start time.

Once done, tap the date/time box to close editing.

You can now enter details of what you saw.

Enter the number of curlew seen.

Scroll down and enter the gender of the curlew.

If you are unsure, click on  to bring up some text/images that may help with identification.

Select the appropriate option, or unknown if not sure.

A blue tick  will show which option has been chosen.

If you choose **Flock**, you'll be prompted to enter the number of birds seen. An estimate is fine for larger groups.

Scroll down and then indicate the bird/s behaviour.

Simply click next to each option to activate it.

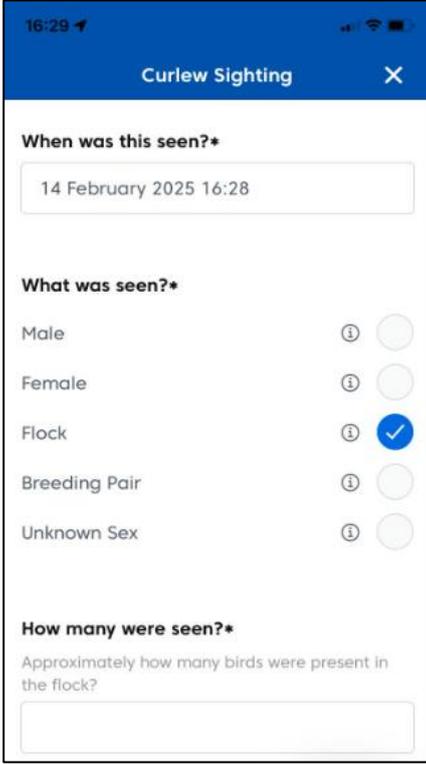
As before, if you are unsure, click on  to show further information that may help with recognising different behaviours.

Multiple behaviours can be selected if appropriate.

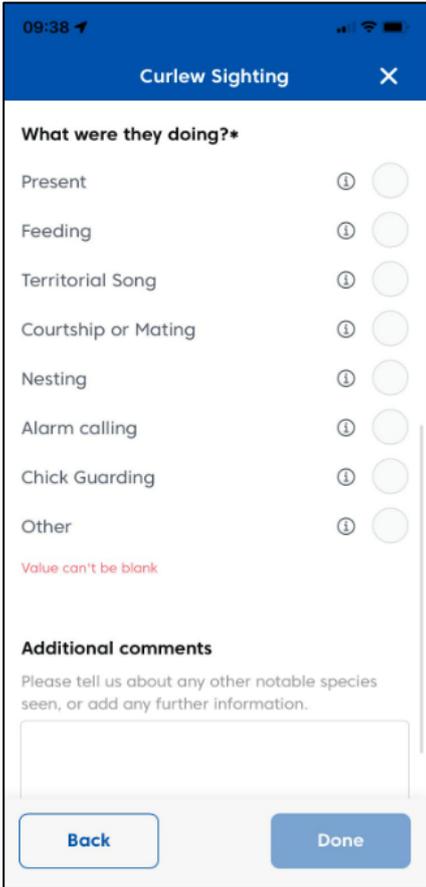
If you choose 'nesting', you will be prompted to enter a nest sighting (see next section).

At the bottom of the screen, add any other comments if needed to explain what you saw.

Once completed, click on the blue **Done** button bottom right to finish recording this sighting.



The screenshot shows the 'Curlew Sighting' form. The top bar is blue with the title 'Curlew Sighting' and a close button. The form has two main sections: 'When was this seen?*' with a date and time input field showing '14 February 2025 16:28'; and 'What was seen?*' with a list of options: 'Male', 'Female', 'Flock', 'Breeding Pair', and 'Unknown Sex'. Each option has an information icon and a radio button. The 'Flock' option is selected, indicated by a blue checkmark. Below this is the 'How many were seen?*' section with a text input field and a prompt: 'Approximately how many birds were present in the flock?'



The screenshot shows the 'Curlew Sighting' form. The top bar is blue with the title 'Curlew Sighting' and a close button. The form has two main sections: 'What were they doing?*' with a list of options: 'Present', 'Feeding', 'Territorial Song', 'Courtship or Mating', 'Nesting', 'Alarm calling', 'Chick Guarding', and 'Other'. Each option has an information icon and a radio button. Below this is the 'Additional comments' section with a text input field and a prompt: 'Please tell us about any other notable species seen, or add any further information.' At the bottom, there are two buttons: 'Back' and 'Done'.

You will see a summary of your record.

If you have mobile data/wifi, choose **Save and Sync** to upload your data.

Otherwise, choose **Save** to save the record to your phone.

You then need to remember to **Sync** the app when you get home.

16:55

< Back Summary X

2 km Edit

mapbox

Date/Time*

12 February 2025 16:49

Number*

1

Gender*

Male *i*

Female *i*

Save & Sync

Save

Once saved, you will receive confirmation.

If you select **Submit Another**, this will take you to a new record *of the same type, ie. curlew sighting*.

Clicking **Exit** will return you to the home screen where you can close the app or submit a different record type.

ASDA Mobile 12:12 100%

Record Saved X

i

Record Saved

Your record has been saved locally. Don't forget to sync your records so your changes are uploaded.

Submit Another

Exit

ADDING A NEST OBSERVATION

Important: Please do not go looking for nests or deliberately disturb them. Please only record nests you have come across through other activities or are observing from a distance.

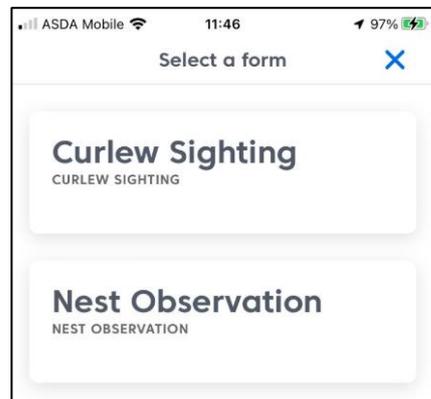
As before, add a record by clicking on the blue button with the plus sign at the bottom right of the screen.



Choose **Nest Observation**.

The first two screens are the same as adding a curlew sighting.

Add the location on the map, then confirm the date/time of the nest observation.



The main form asks you to first confirm how accurate the nest location is.

This may aid any future surveys and nest protection methods such as fencing. One answer should be selected.

Enter some details regarding the nest. At least one must be selected.

As with previous screen, you can click on **(i)** to show further information to assist with recognition.

You will be asked to confirm the number of eggs seen, if appropriate.

The screenshot shows a mobile application interface titled "Nest Observation". At the top, the time is 18:41. The form has a blue header with a close button (X). The first section is "How precise is this location?*" with three radio button options: "Exact", "Within 10 metres", and "Within field". Below these is a red error message "Value can't be blank". The second section is "What is the nest status?*" with six radio button options, each with an information icon (i) to its left: "Nest containing eggs", "Nest with young heard or seen", "Used nest / eggshells found", "Abandoned nest", "Predated nest", and "Other (state below)". Below these is another red error message "Value can't be blank". At the bottom, there are two buttons: "Back" and "Done".

We then ask if you own the land. This can be yes or no. It is simply to gauge if you are the right person to approach if we want to learn more.

There is then a free text box for any further comments you wish to add.

The screenshot shows the same "Nest Observation" form. The time is 12:21 and the battery is at 100%. The first section is "Do you own the land?*" with two button options: "Yes" and "No". Below these is a red error message "Value can't be blank". The second section is "Additional comments" with the instruction "Please tell us about any other notable species seen, or add any further information." and a large empty text box below it.

The final question asks if you would like to learn more about curlew conservation and nest protection.

Select **Yes** or **No**.

If Yes is selected, you will be asked to confirm the best way to contact you, and to provide you phone number and/or email address as appropriate.

Note: This information will only be used in relation to curlew conservation within Nidderdale National Landscape and will not be shared with third parties.

Click on **Done** to complete this record.

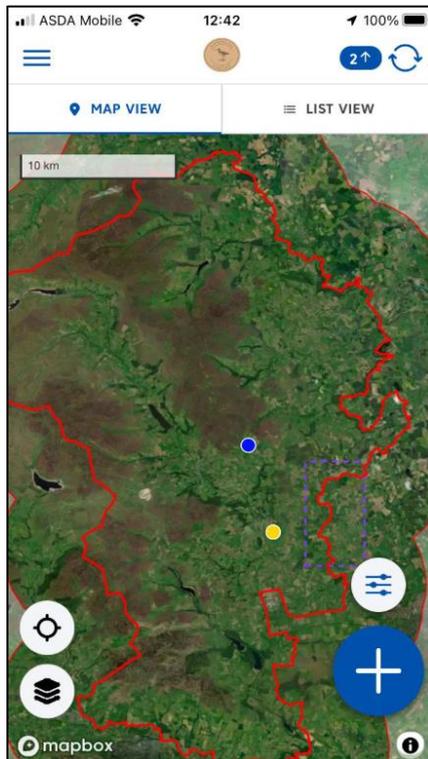
The screenshot shows a mobile application interface titled "Nest Observation". At the top, there is a status bar with "ASDA Mobile", signal strength, time "12:21", and battery "100%". The app header is blue with the title "Nest Observation" and a close button (X). The main content area has a question: "Would you be interested in learning more about curlew conservation and nest protection?*" with two buttons: "Yes" (highlighted in blue) and "No". Below this is a section titled "How may we contact you?" with three radio button options: "Email" (selected with a blue checkmark), "Phone", and "Text". Underneath is an "Email address" label followed by an empty text input field. At the bottom, there are two buttons: "Back" and "Done" (highlighted in blue).

As with the Curlew Sighting record, you will then see a summary screen and can choose to **Save** this offline, or **Save & Sync** if you have sufficient signal/connection.

AFTER THE SURVEY - SYNCING DATA

If you are off-line when doing your surveys, remember to sync when you get home.

We recommend you do this after each survey. This ensures you receive any updates to the project as well as submitting your data promptly.

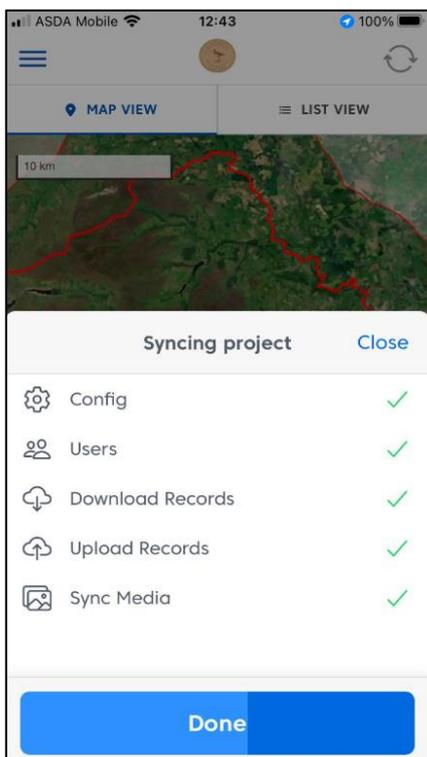


On the home screen, click on the **sync** icon (pair of arrows in a circle).

If this is blue, it indicates there are records that need syncing.

If it is greyed out, you are up to date.

The number indicates the number of your offline records that are being uploaded.



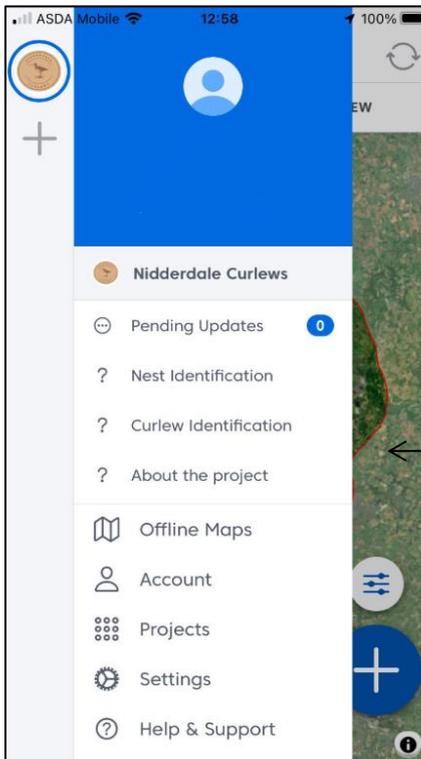
A screen will appear showing progress of the synchronisation.

Once complete, all items will be ticked.

When the blue colour changes across the **Done** button, the sync is finished and this screen will automatically close.

HELP PAGES

These provide additional information that may assist in identifying curlew.



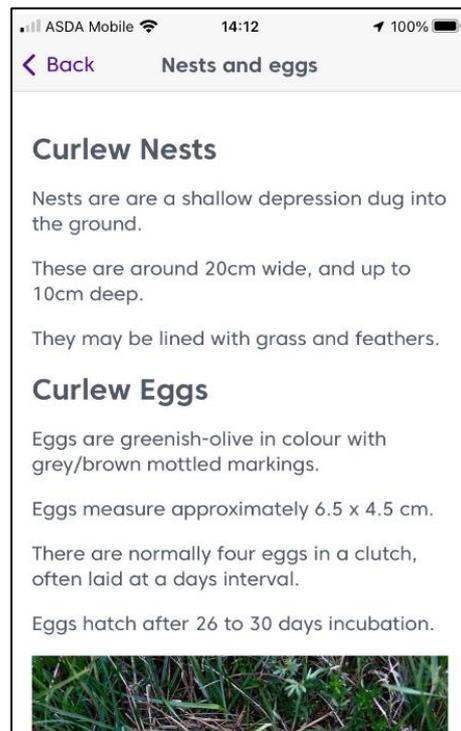
Access these via the main menu (see Navigating around the app).

The pages are listed.

Click on a title to read it.

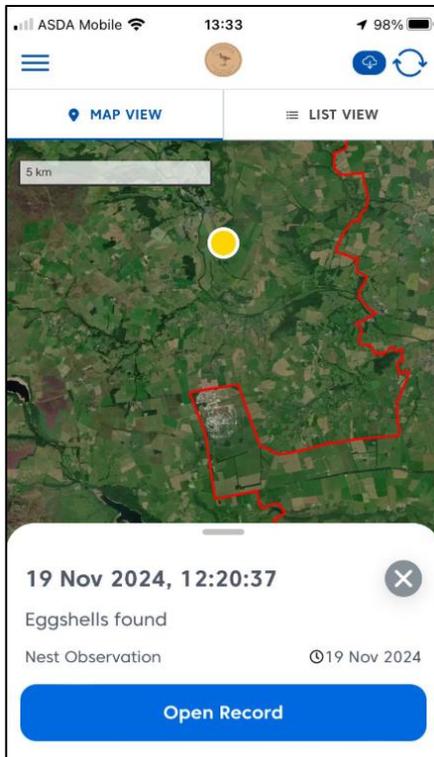
Click on **Back** when you have finished reading, to return to the home screen.

These pages are static content and can include words and pictures.



REVIEWING YOUR RECORDS – ON YOUR PHONE

LOOKING AT RECORDS ON THE MAP



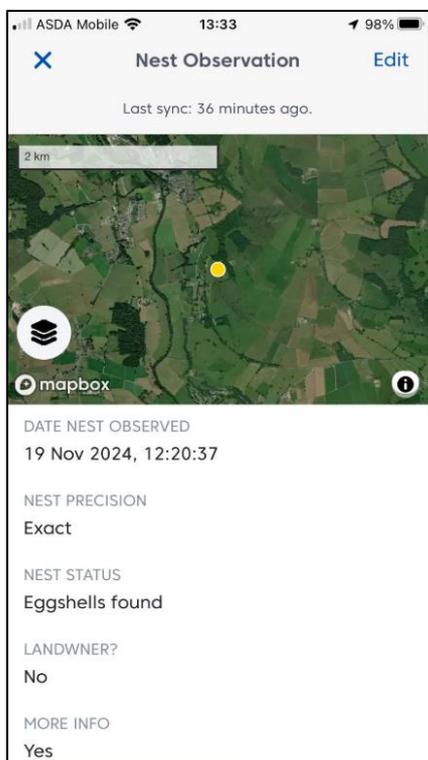
From the main home screen that shows the map.

Each dot is one of your submitted records.

To review the record, click on the dot.

The dot will increase in size, and a pop up box summarising the record will appear at the bottom of the screen.

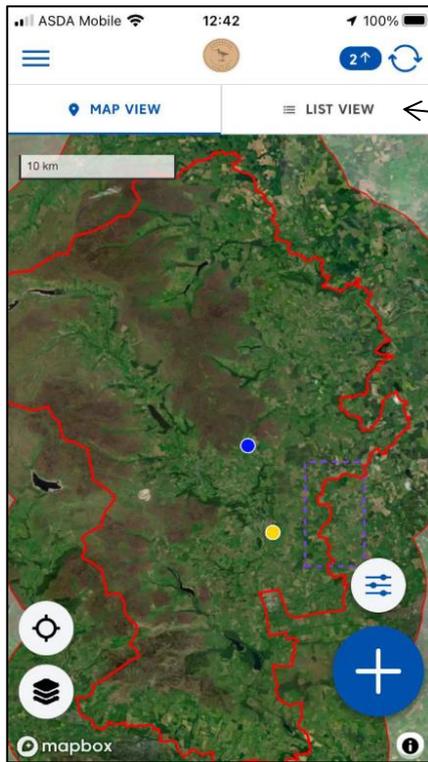
Click on **Open Record** to view more details.



The screen shows details of the record, as well as its location on the map.

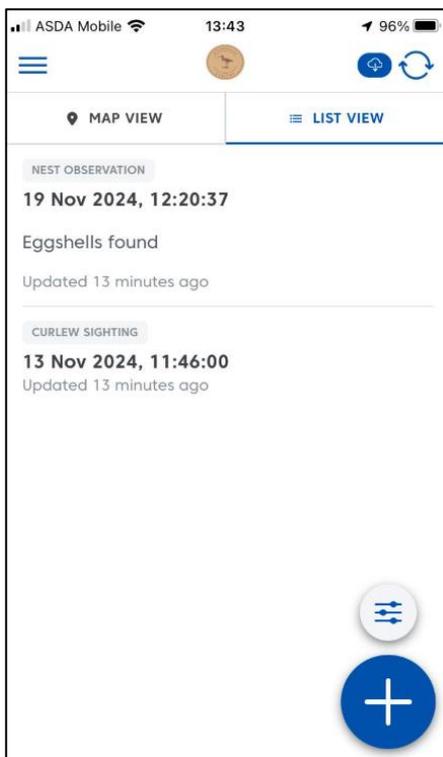
If you need to amend any details, click **Edit**.

SHOWING YOUR RECORDS AS A LIST



If you prefer, you can see details of all your submitted records as a summary list.

Click on **List View** on the home page.



Your records will then be listed, with the most recent first.

To open a record, simply tap on it.

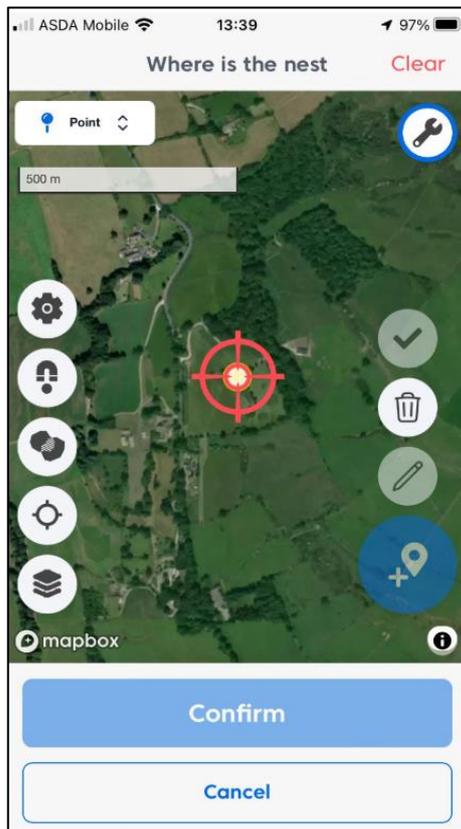
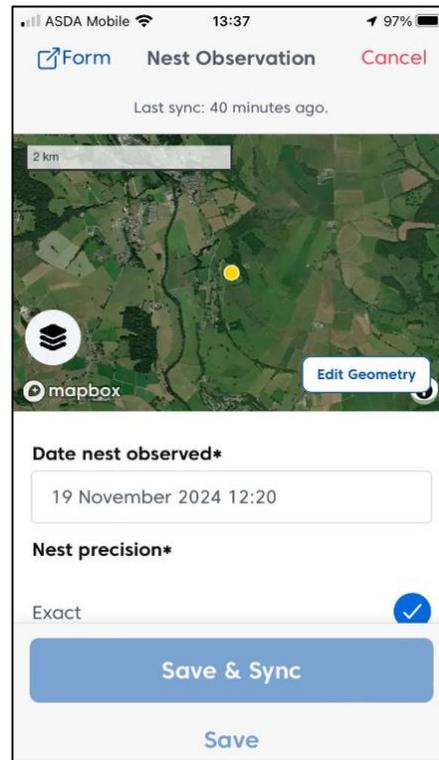
From here, you can edit it if needed.

EDITING YOUR DATA

You can open the original form by clicking the **Form** button.

Or, to just change the location of the record, click on **Edit Geometry** (see below).

Otherwise, simply scroll through the page and make any changes necessary.



After clicking **Edit Geometry**, a map edit screen will be brought up.

Click on the **Trash** icon to delete the current location of the record.

Then navigate the bullseye to the correct location, and click on the large blue button to re-add this in the new place.

Click **Confirm** when done.

You can then **Save** the record.

REVIEWING YOUR RECORDS – ON YOUR PC

If you prefer, you can add and edit records on a desktop PC or laptop.

The process and screens mirror those outlined above.

Log in via the Coreo website at: <https://coreo.app/>