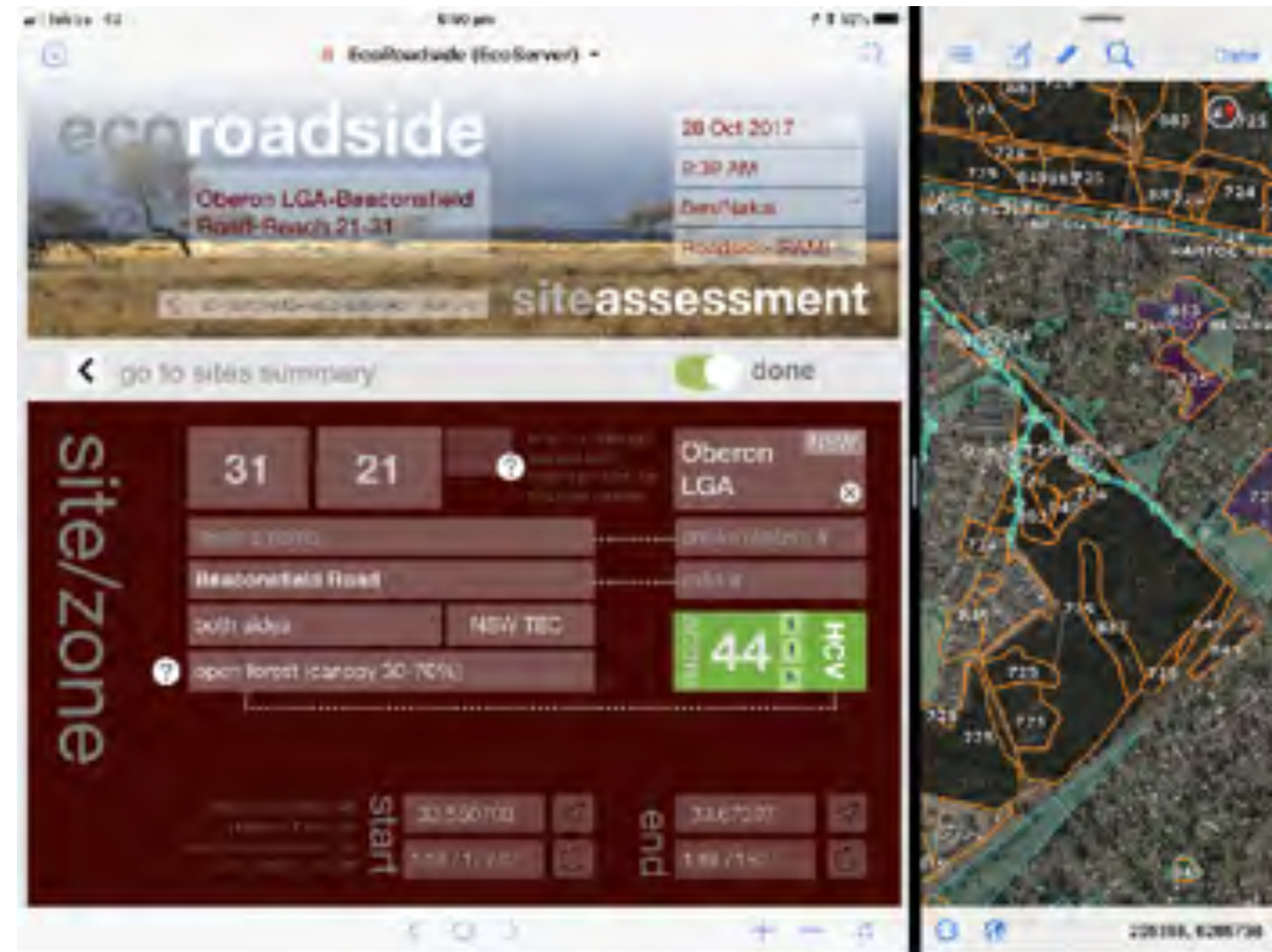


# EcoRoadside user guide and set-up

- iPad, field equipment and Touch ID
- data required • setup FileMaker and EcoRoadside • EcoRoadside-mobile • web viewer for desktop, Windows and Android • side-by-side GIS • entering field data and using pop-up help • exporting reports • exporting data for GIS

release version 201801122





# check your iPad\* ...

your iPad model should be an iPad Air 2\*  
or later model with wifi+cellular  
running the latest version of the operating system  
(currently iOS 12.1 — keep it up to date)

*\*you can also use an iPhone 7 Plus or later in an emergency*





# check your iPad\* ...

acceptable iPad models in descending order of performance:

- 2018 iPad Pro 11"
- 2017 iPad Pro 10.5"
- 2018 iPad 9.7" (the most recent non-pro model)
- 2015 iPad Pro 9.7"
- 2017 iPad 9.7" (aka "fifth generation iPad")
- 2014 iPad Air 2 (the first iPad model with  $\geq 2$  GB memory)

\*we recommend iPad Pro  
because it has more app memory  
(3-4 GB which means it will cache more records)  
and will run EcoRoadside side-by-side  
with a mobile GIS app smoothly

\*note that we do not recommend the original iPad Air  
(which has only 1 GB memory)



... and your equipment

---

the iPad is reasonably tough  
but you can break them in the field  
so use a **protective case**

to complete a full day's field work  
you'll need an **external battery**  
and a suitable connecting **cable**

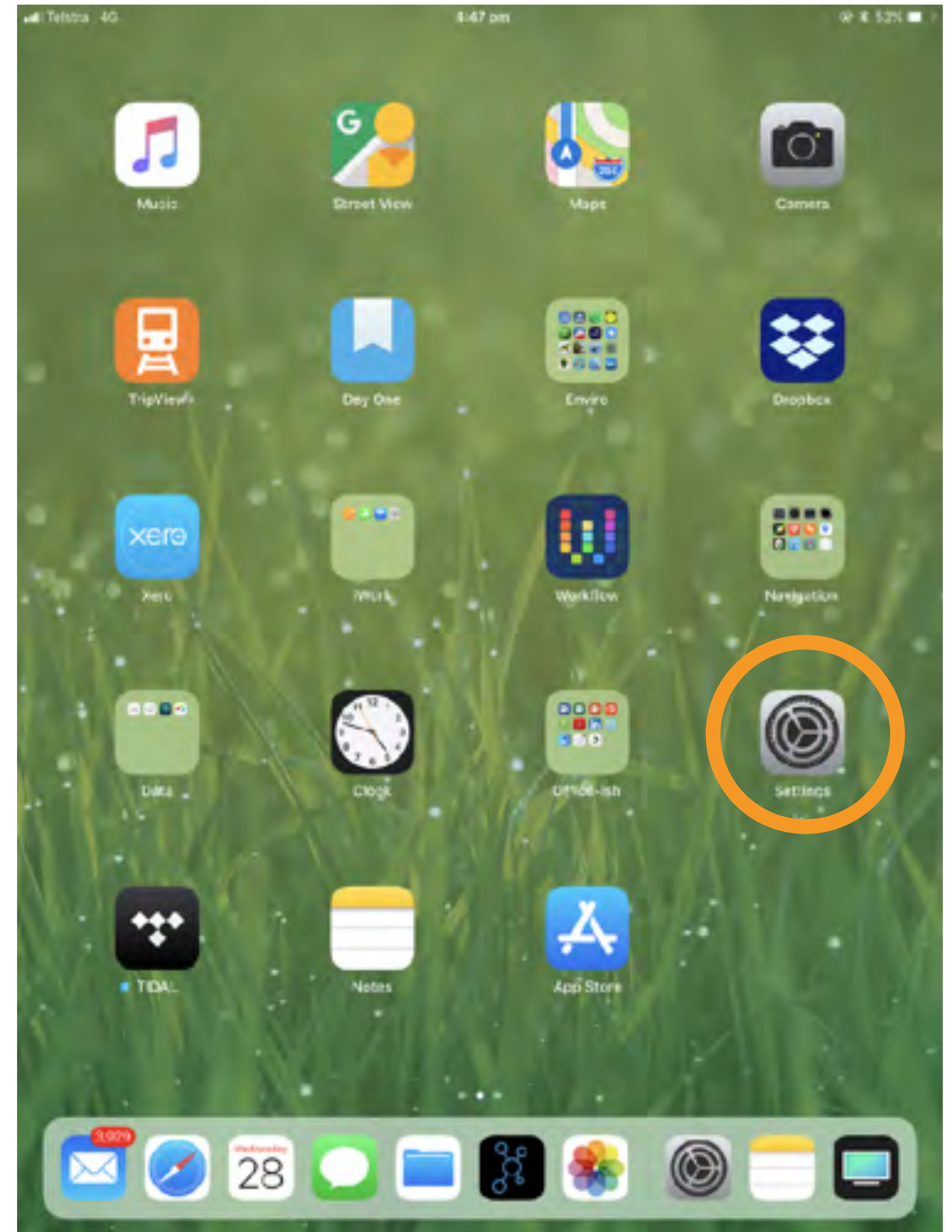
and/or a suitable **car charger**





# setting up Touch ID

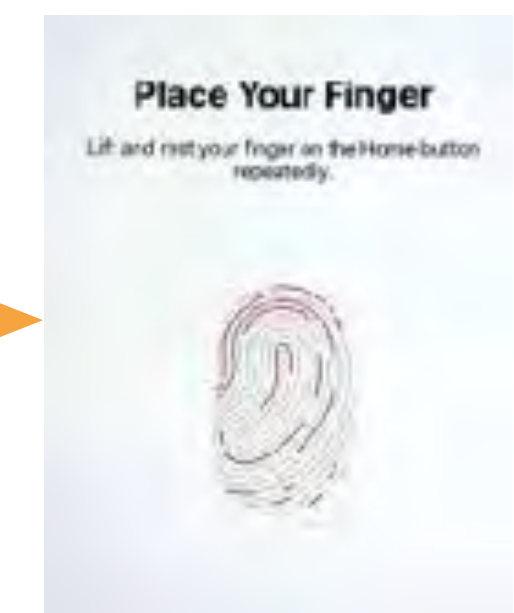
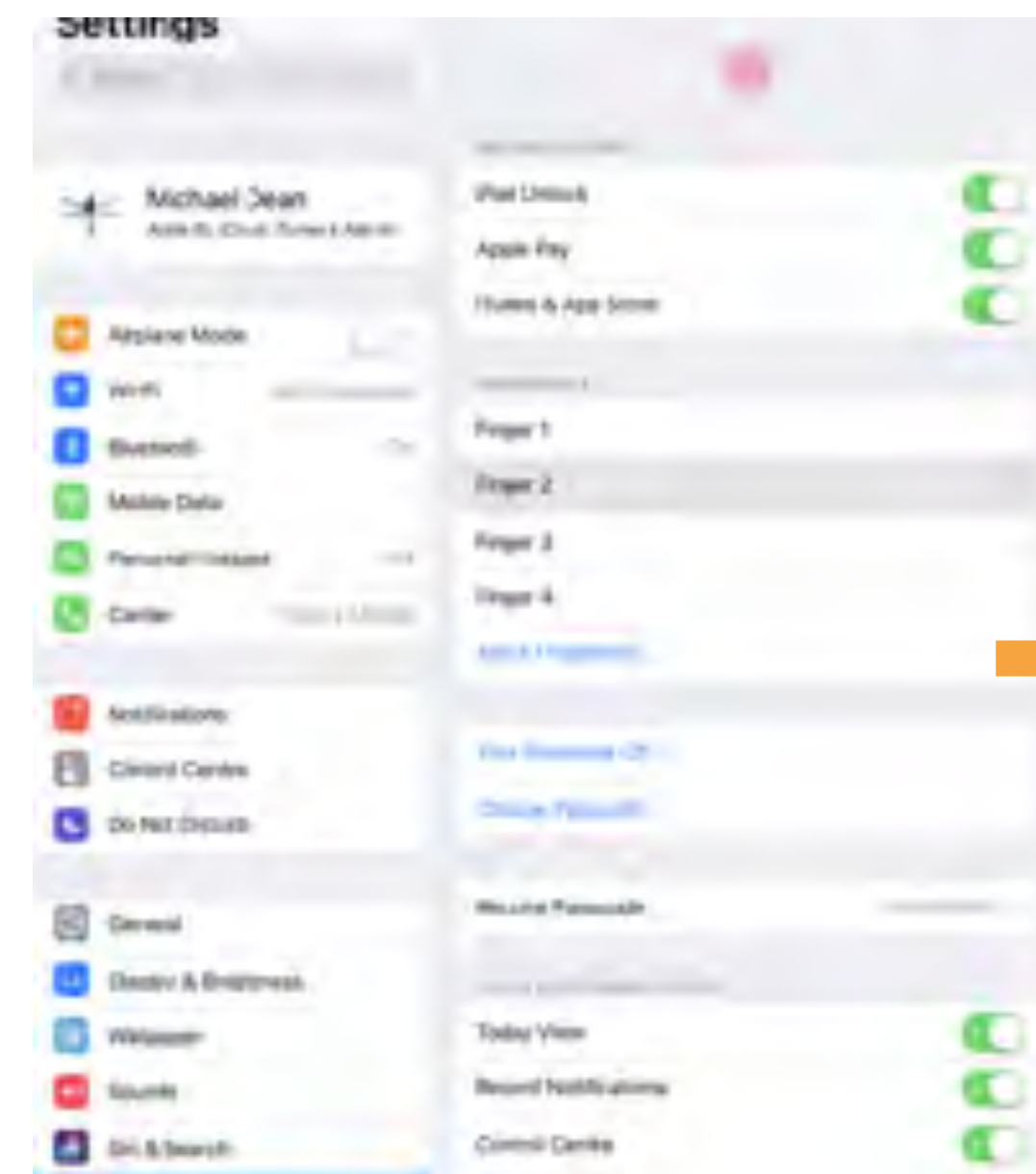
your fingerprint speeds up logging in and reconnecting to the EcoRoadside database —  
you can add your fingerprint in Settings  
(if you haven't done so already)



# setting up Touch ID

go to “Touch ID & Passcode”  
enter your normal passcode/PIN  
add your fingerprint

you can add up to five fingerprints  
(which can be different people, but iOS doesn't  
otherwise cater for multiple user accounts)





# data requirements: users

---

to set you up we create a user group for your Council  
on EcoRoadside cloud

this includes consultants if you are engaging them to  
work in the field (if so we still need a council contact)

supply the **full name** and **organisation** of your user/s  
(usually an office person and 1-2 field people per  
Council, if you have a larger team please discuss)





# data requirements: roads, weeds and management actions

to set up the EcoRoadside app, we need some data to populate drop-down lists used for data entry:

- **road names** (or we will default to LPI data provided for the project by LGNSW)
- **priority weeds** common name and scientific name (or we will default to LLS priority weeds for your region)
  - **management actions** (which can be included in an EcoRoadside master list)

provide these as a properly formatted\* table in eg .xlsx or .csv



RoadName	LGA	RoadNumber
Adams Lane	Lockhart LGA	
Albert Smiths Road	Lockhart LGA	
Albury Road	Lockhart LGA	
Alexanders Lane	Lockhart LGA	
Alf Freemans Road	Lockhart LGA	
Alma Park Road	Lockhart LGA	
Amernys Lane	Lockhart LGA	
Andrises Lane	Lockhart LGA	
Annesley Lane	Lockhart LGA	
Aumanns Lane	Lockhart LGA	
Bahrs Lane	Lockhart LGA	
Bakes Lane	Lockhart LGA	
Bakes West Lane	Lockhart LGA	
Bankvale Road	Lockhart LGA	
Barracuffs Road	Lockhart LGA	
Barry Bowyers Lane	Lockhart LGA	
Barry Smiths Lane	Lockhart LGA	
Ben Hoffmanns Lane	Lockhart LGA	
Benders Lane	Lockhart LGA	
Bidgeemia Road	Lockhart LGA	
Bond Lane	Lockhart LGA	
Boree Creek Road	Lockhart LGA	
Boyd's Road	Lockhart LGA	
Braithwaite Lane	Lockhart LGA	
Brookong Street	Lockhart LGA	
Broughtons Lane	Lockhart LGA	
Browns Lane	Lockhart LGA	
Bryan Westblade	Lockhart LGA	
Bullenbong Road	Lockhart LGA	
Bulloc Hill Road	Lockhart LGA	
Burkes Lane	Lockhart LGA	
Bushfire Access	Lockhart LGA	
Calane Lane	Lockhart LGA	
Carrolls Lane	Lockhart LGA	

\*a database table has one row for field names and matching rows for data records

for the **roads names** table:

- RoadName
- LGA
- RoadNumber (optional)

for the **priority weeds** table:

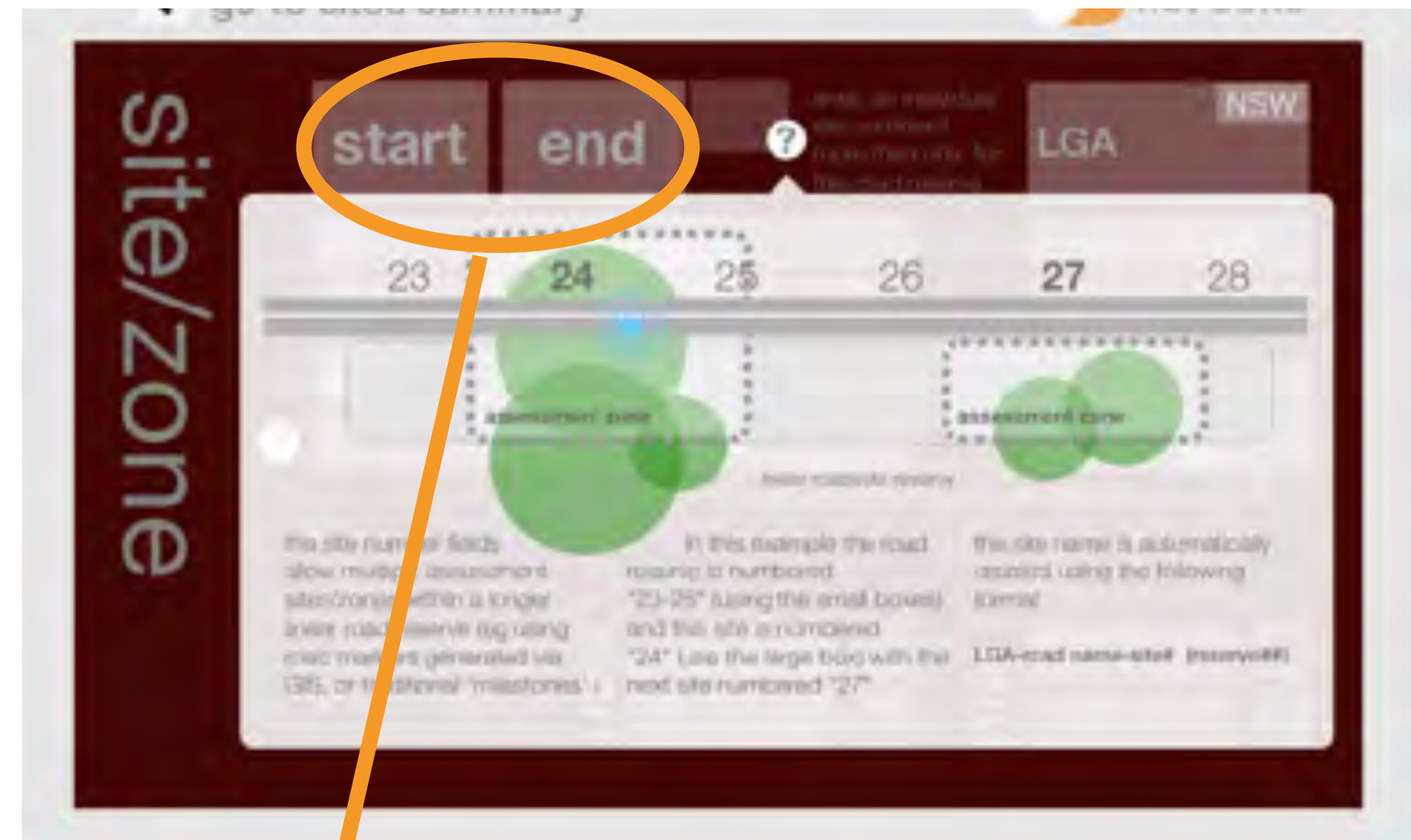
- AtlasCode (optional)
- Family (optional)
- ScientificName (optional)
- CommonName

for these tables use Title Case (species name format is *Genus species*) correct spelling, single spaces between words and no extra spaces at the start or end

for the **management actions** we want a well-structured list of concise and consistent action names with well-formed syntax



## data requirements: road distance markers (optional)



EcoRoadside supports use of road distance markers (aka chainage) to identify assessment zones

using this system you can enter a start and end point on any given road based on kilometre distance points (or fractions of kilometres)

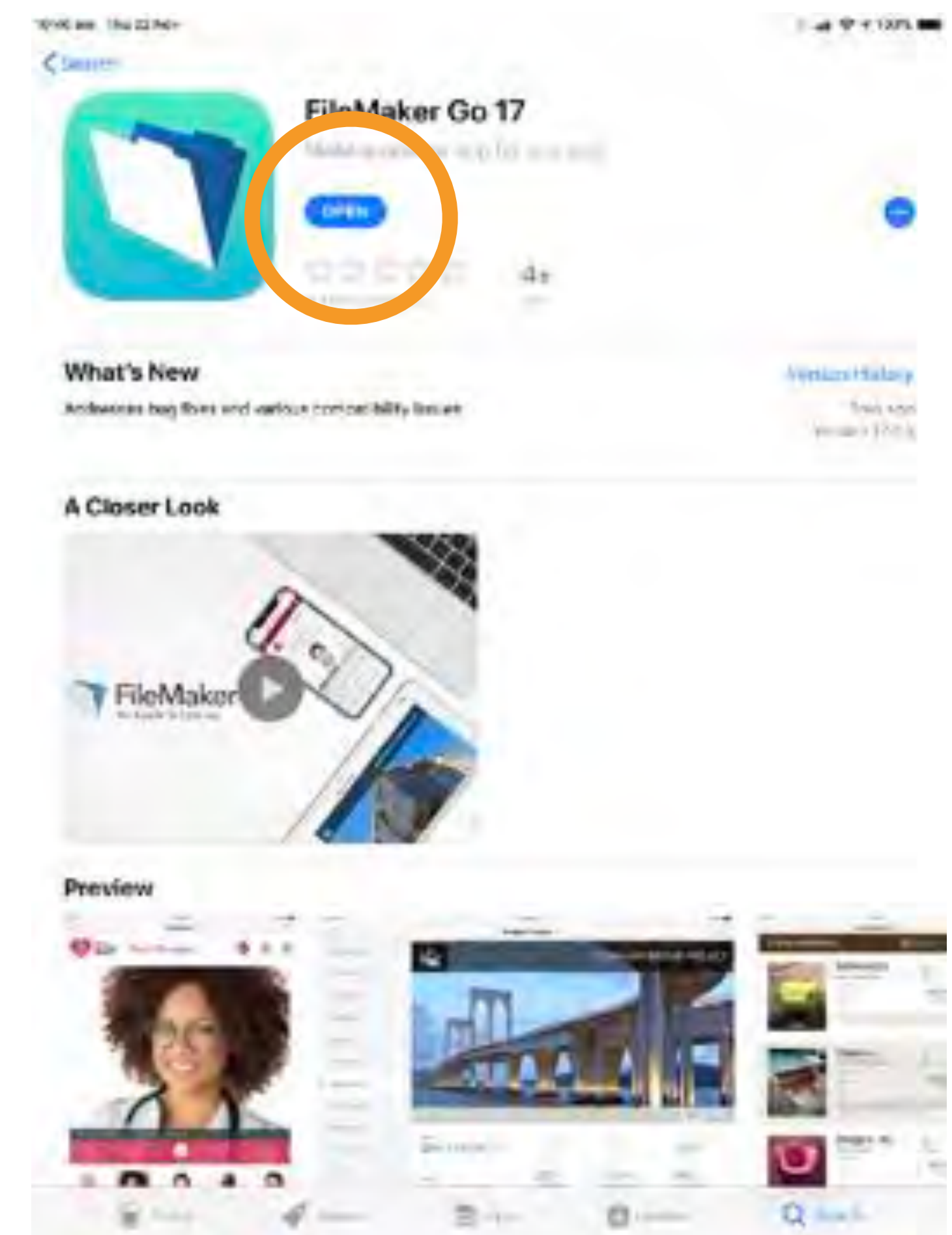
if you don't have a road marker layer already you can obtain one by arrangement with Local Government NSW





get the FileMaker Go  
client app

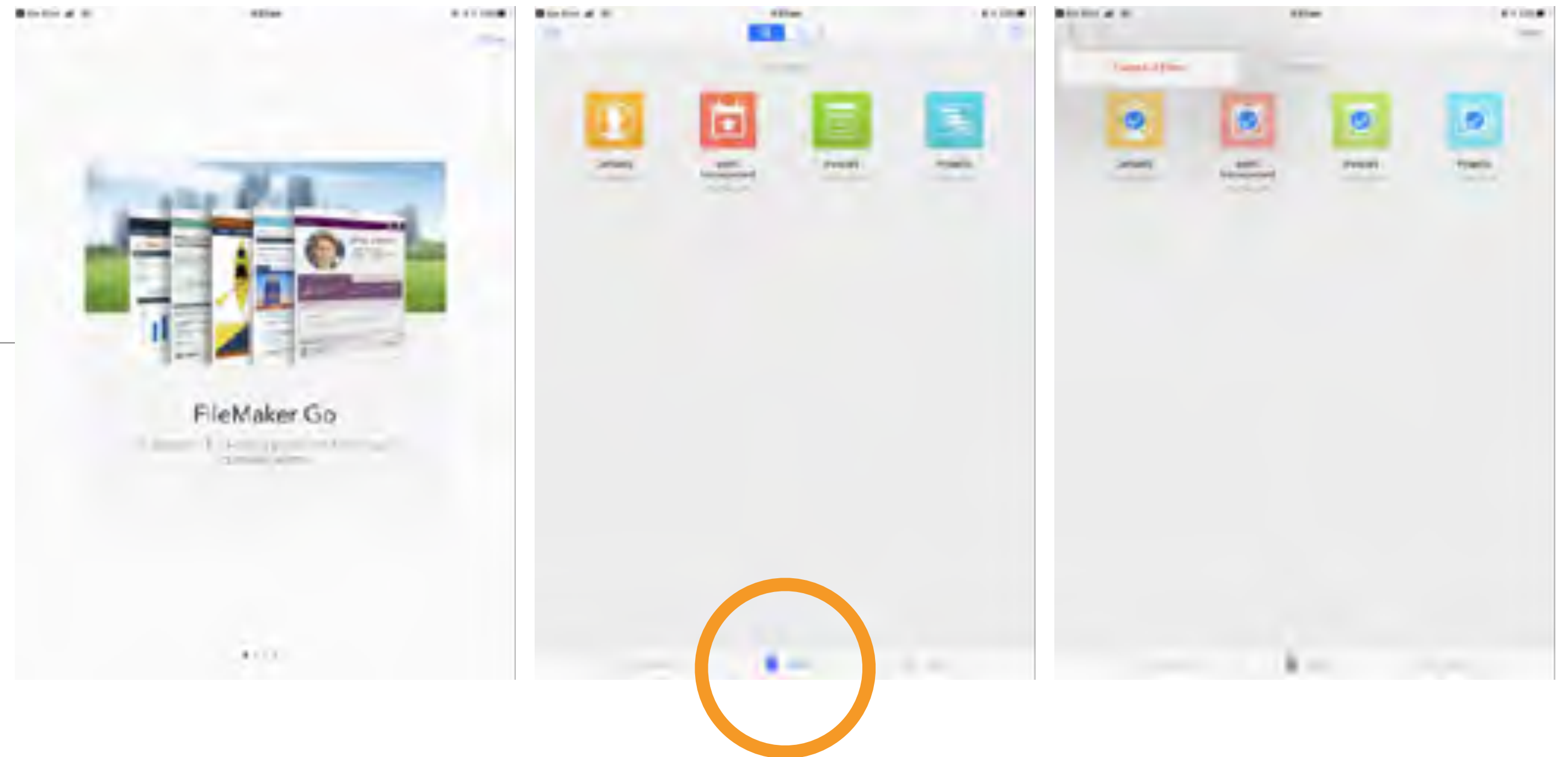
in the App Store app on your iPad  
search for “FileMaker”  
select **FileMaker Go 17**  
then download and open the app





# opening FileMaker

FileMaker will open with a quick tour  
and some database templates  
in the “Device” panel  
(you can keep these  
or delete them if you prefer)

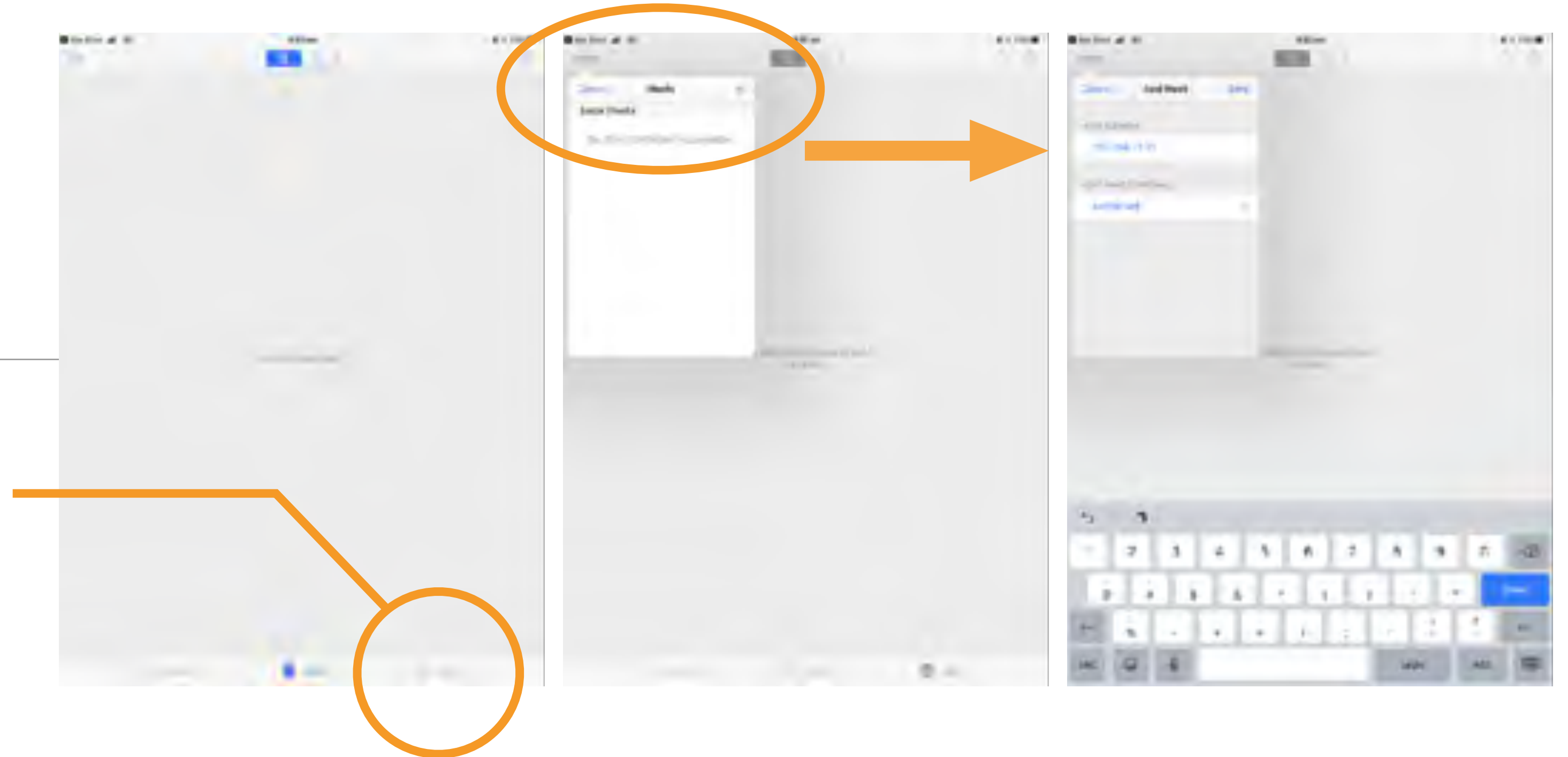




# setting up EcoServer as a cloud host

go to the “Hosts” panel  
then select “Hosts” and “+”  
to add a new host

enter the host address “207.254.73.31”  
and the host name “EcoServer”  
(without the quotes) and save



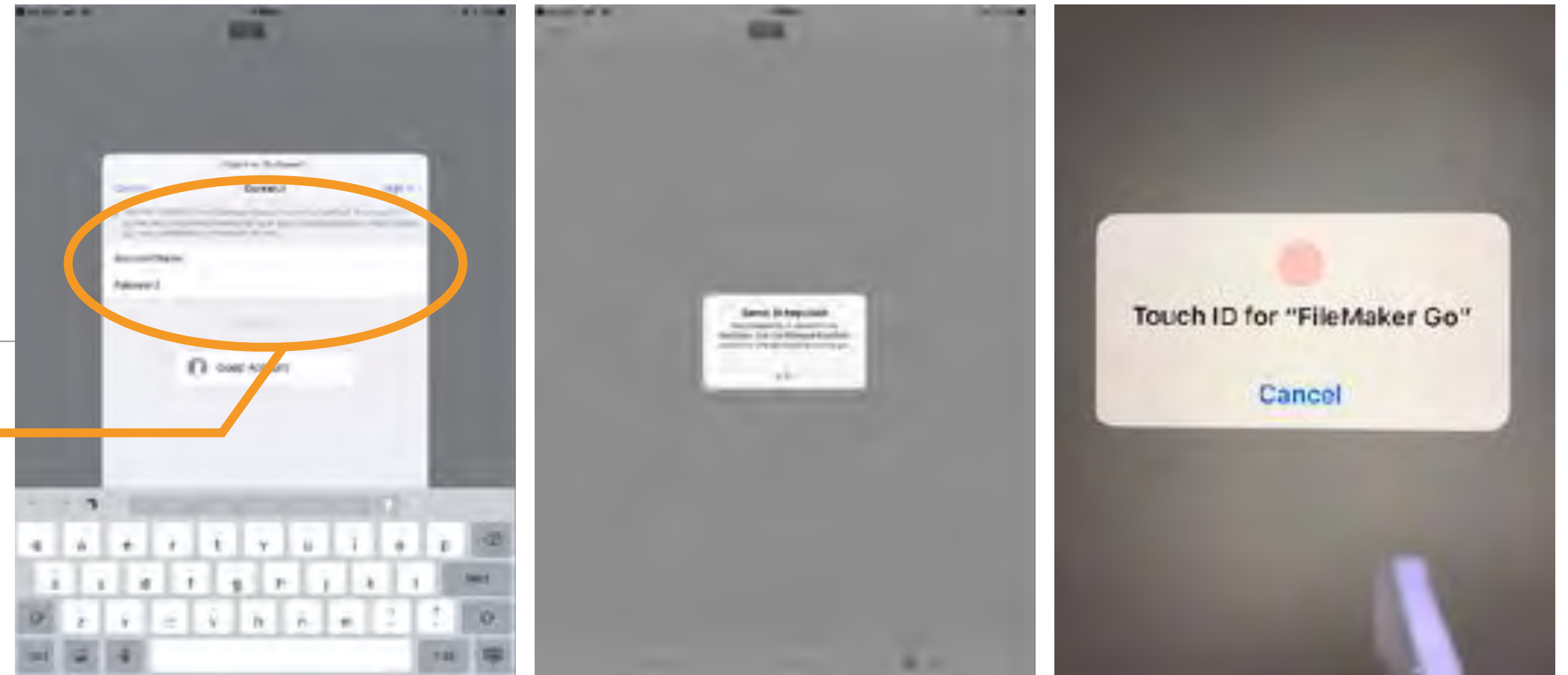


# opening EcoRoadside

enter the user name and password you received from us to log in to EcoServer cloud

you can 'ok' using your Keychain  
then whenever you see Touch ID  
your fingerprint will enter those credentials  
(name and password)

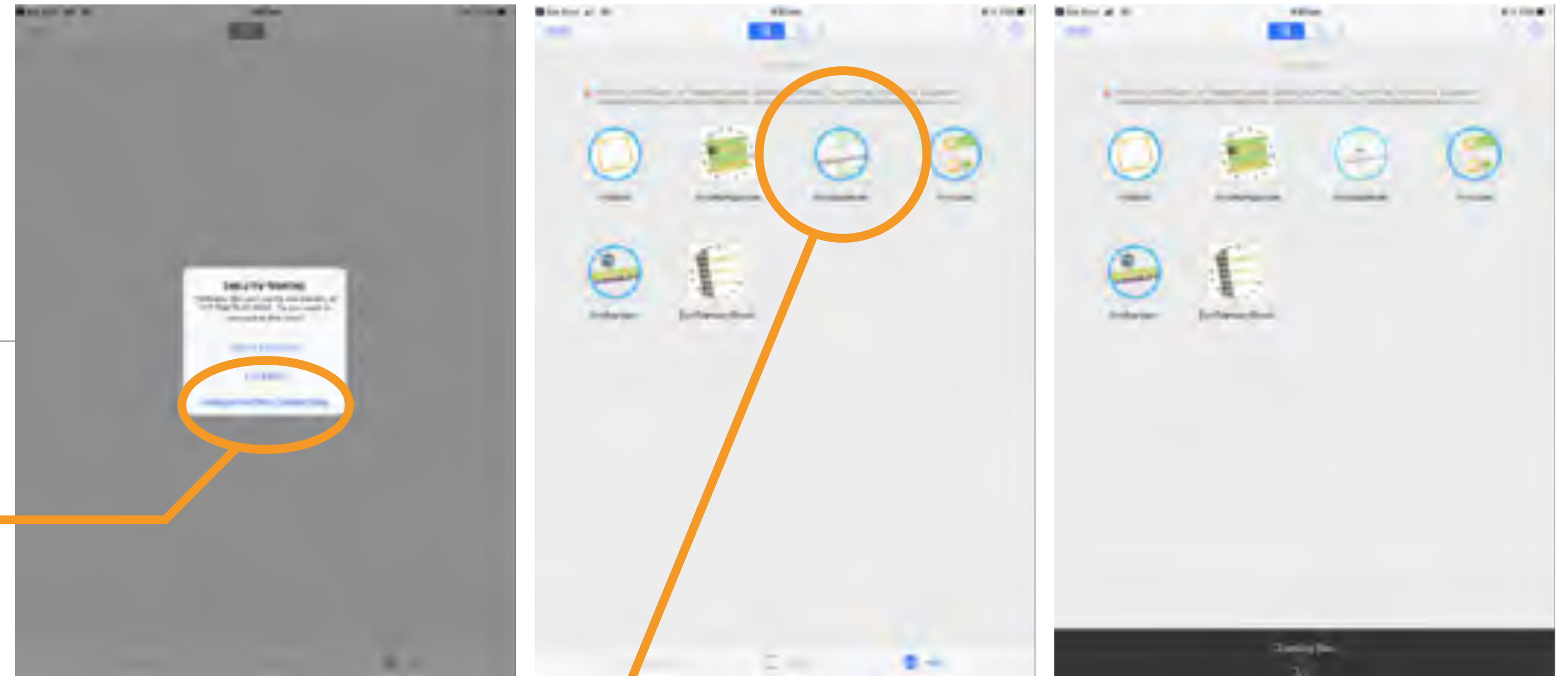
to log in a different user just "cancel" Touch ID  
then enter new credentials  
and Touch ID will start using them instead



# opening EcoRoadside

*\*if you see this security warning, don't panic  
the SSL certificate is valid (you can see this  
in a web browser) there seems to be a temporary  
iOS or FileMaker Go configuration issue  
so select "always permit connection"*

when you see the EcoServer apps on the Hosts  
screen, tap EcoRoadside to open it





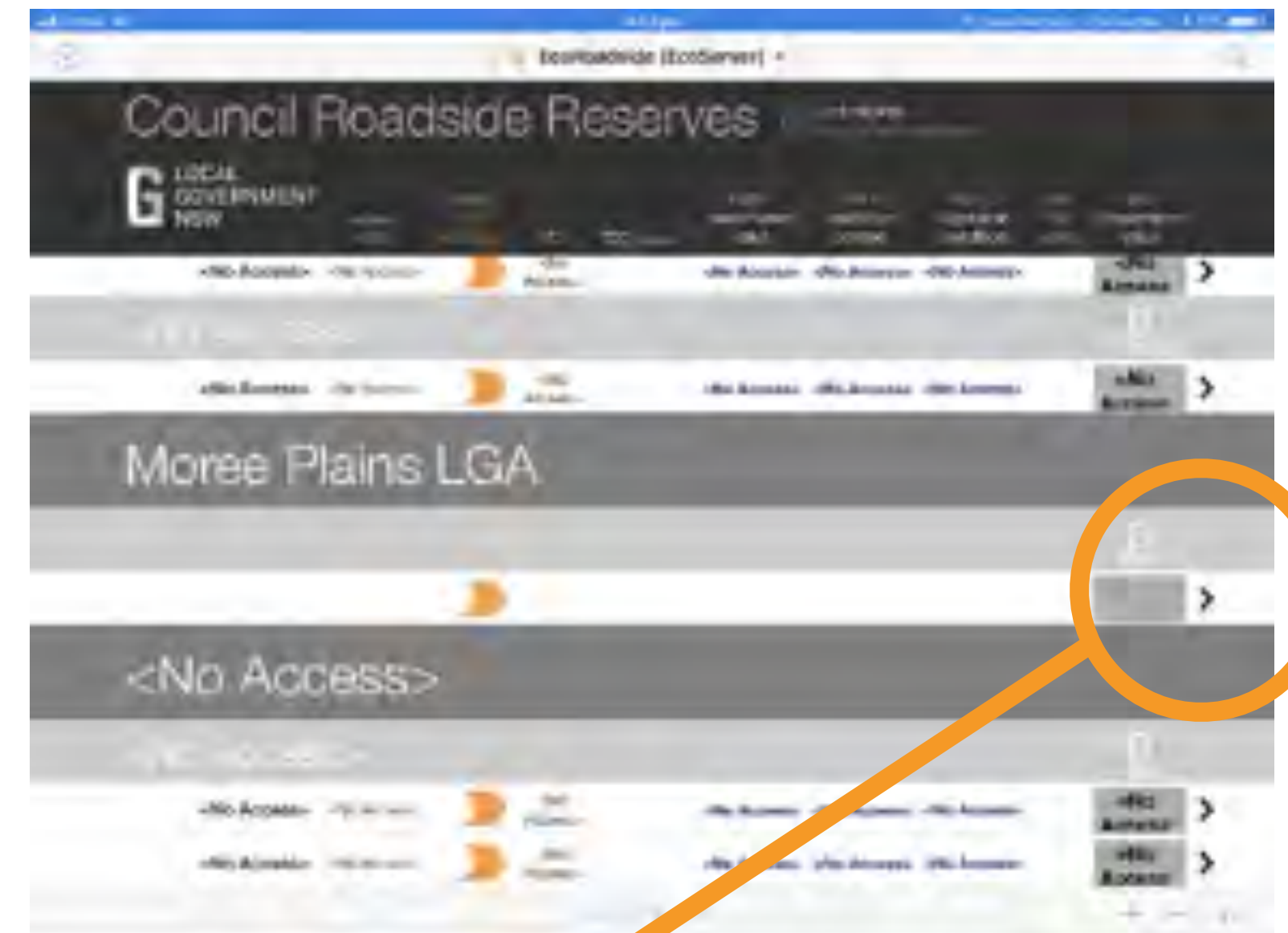
# opening EcoRoadside

you'll be asked to log in to the EcoRoadside app so enter the same credentials (name and password) again if needed

EcoRoadside will likely open in the site summary view  
(turn the iPad sideways to see all the fields)

the first time you go in, you'll have an empty record  
(and maybe a test record) and "no access" to other data  
tap the arrow on the right of your empty record  
to go to the data entry view

a quick video re-cap of the intro/setup can be viewed at  
<https://vimeo.com/257844213>

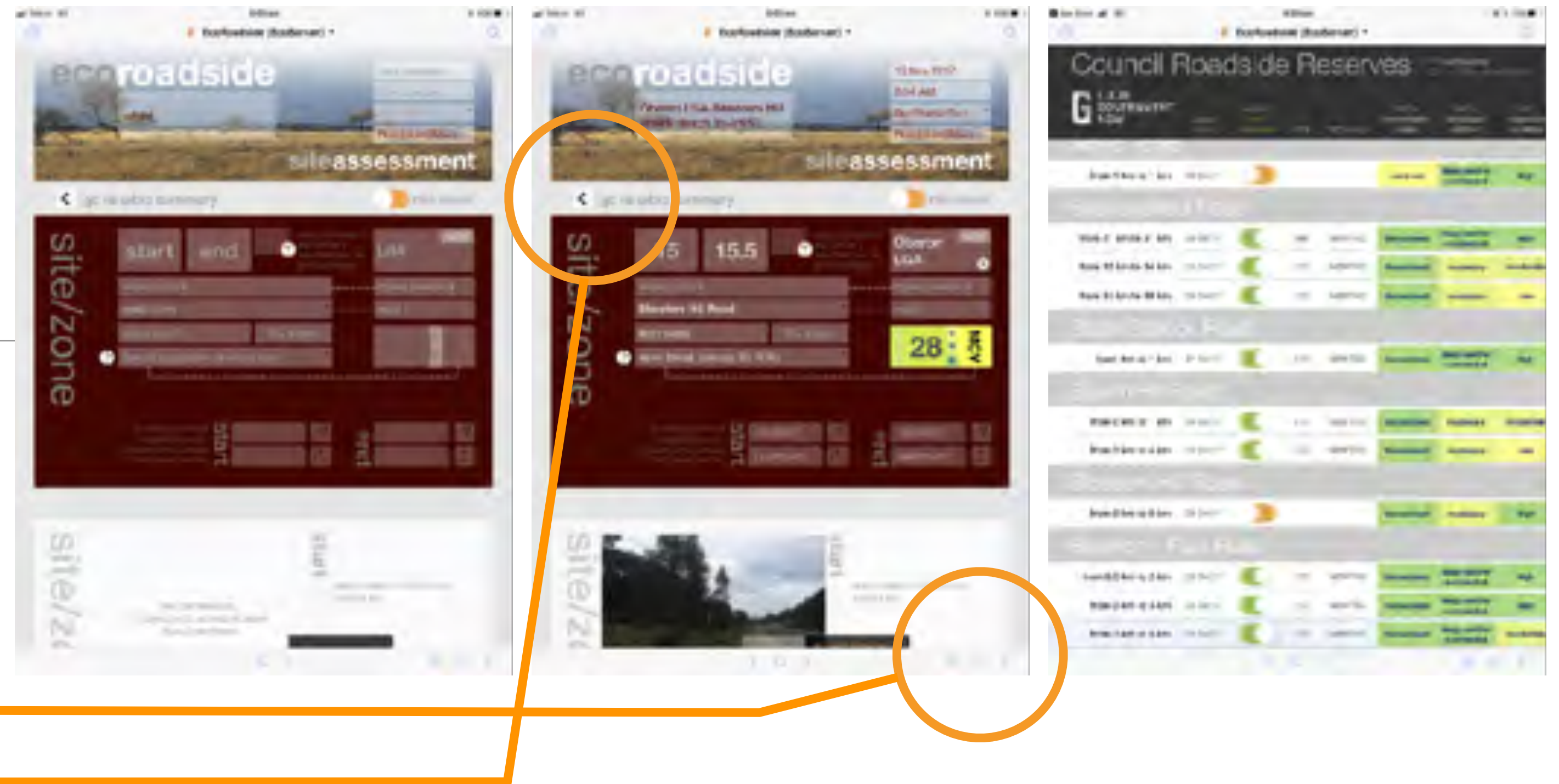


## using EcoRoadside

use the data entry view  
to enter your roadside assessment

a detailed video run-through of the data entry process  
can be viewed at <https://vimeo.com/258685645>

add new records via the “+” at the bottom  
use the arrow on the left to go back  
to the summary





# using EcoRoadside

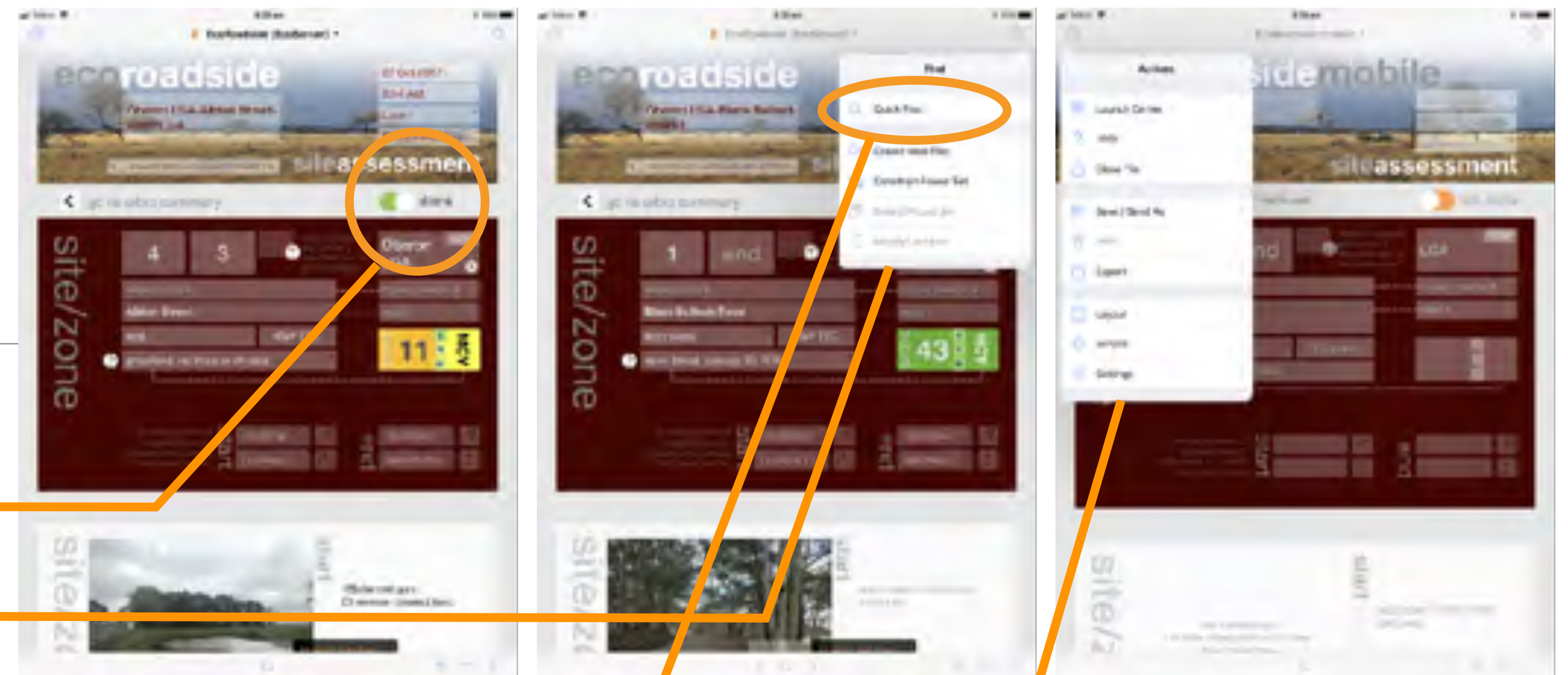
when you're happy with the data you've entered for your site  
toggle the 'not done' slider to 'done'

or if you're not finished and may want to go back to it later  
then leave it 'not done' (this doesn't affect syncing or lock the data)

to find specific records use the 'Find' menu indicated by  
the magnifying glass at the top right

to search for a road, type it into the 'Quick Find' field at the top  
(you can't type directly into the main road name field)

to close the file or go to the 'Launch Centre' to open  
another file, use the 'Actions' menu at the top left  
indicated by the small arrow



# using EcoRoadside

you can use the small arrows at the bottom or the pop-up (tap the small circle) and slider to navigate between records

use a three-finger swipe up (to hide) or down (to show) the top and bottom menus in summary or data entry views





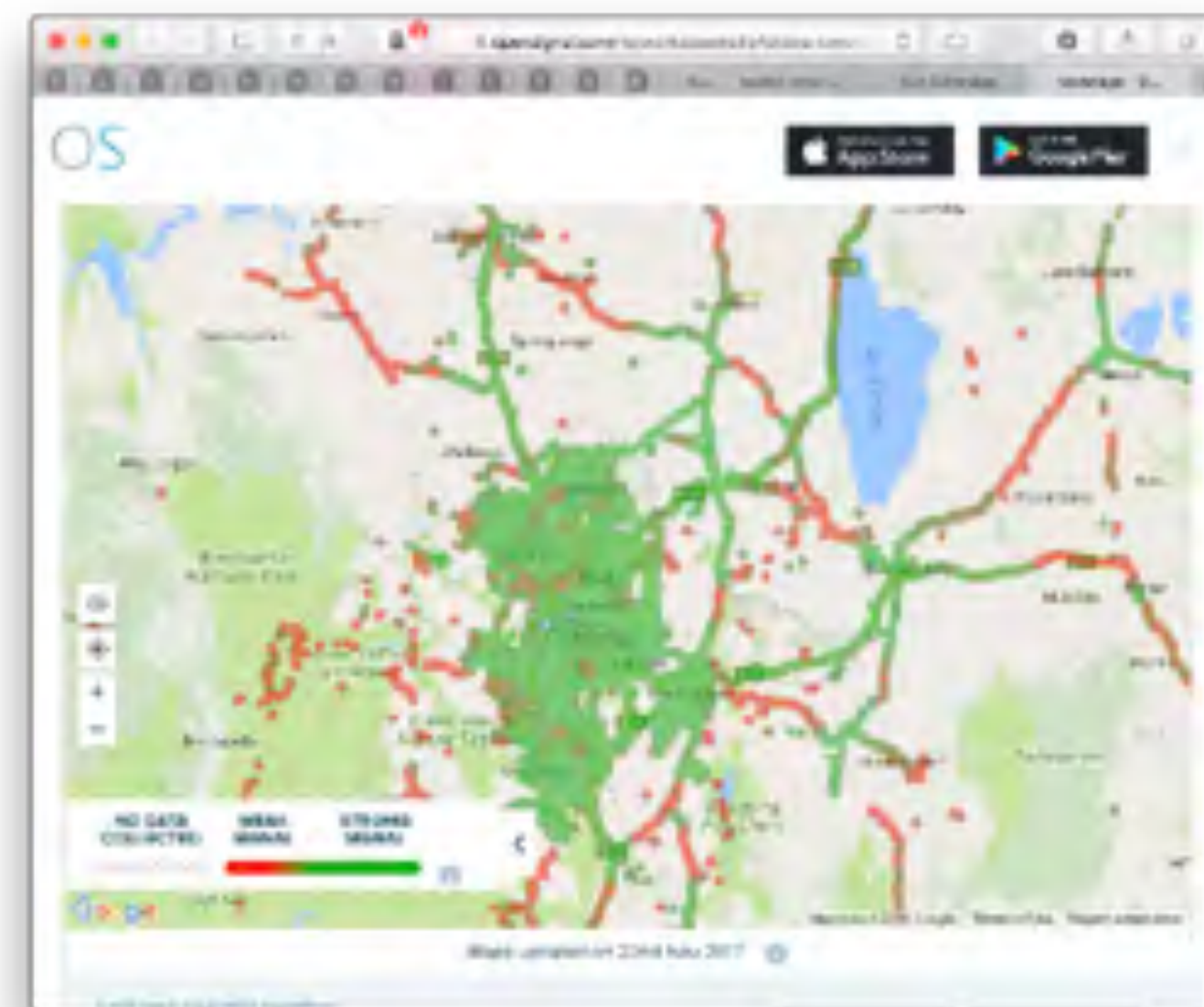
# cloud or offline? checking reception

to get good performance with EcoRoadside  
you need a medium-strong 4G signal  
(especially if you are documenting your sites  
with lots of photos)

much of rural NSW has insufficient (or absent)  
coverage at these data rates

you can check this in advance on Telstra's coverage map  
<https://www.telstra.com.au/coverage-networks/our-coverage>  
use the detail view and toggle to 4G

or try the Open Signal app  
<https://opensignal.com/networks/australia/telstra-coverage>

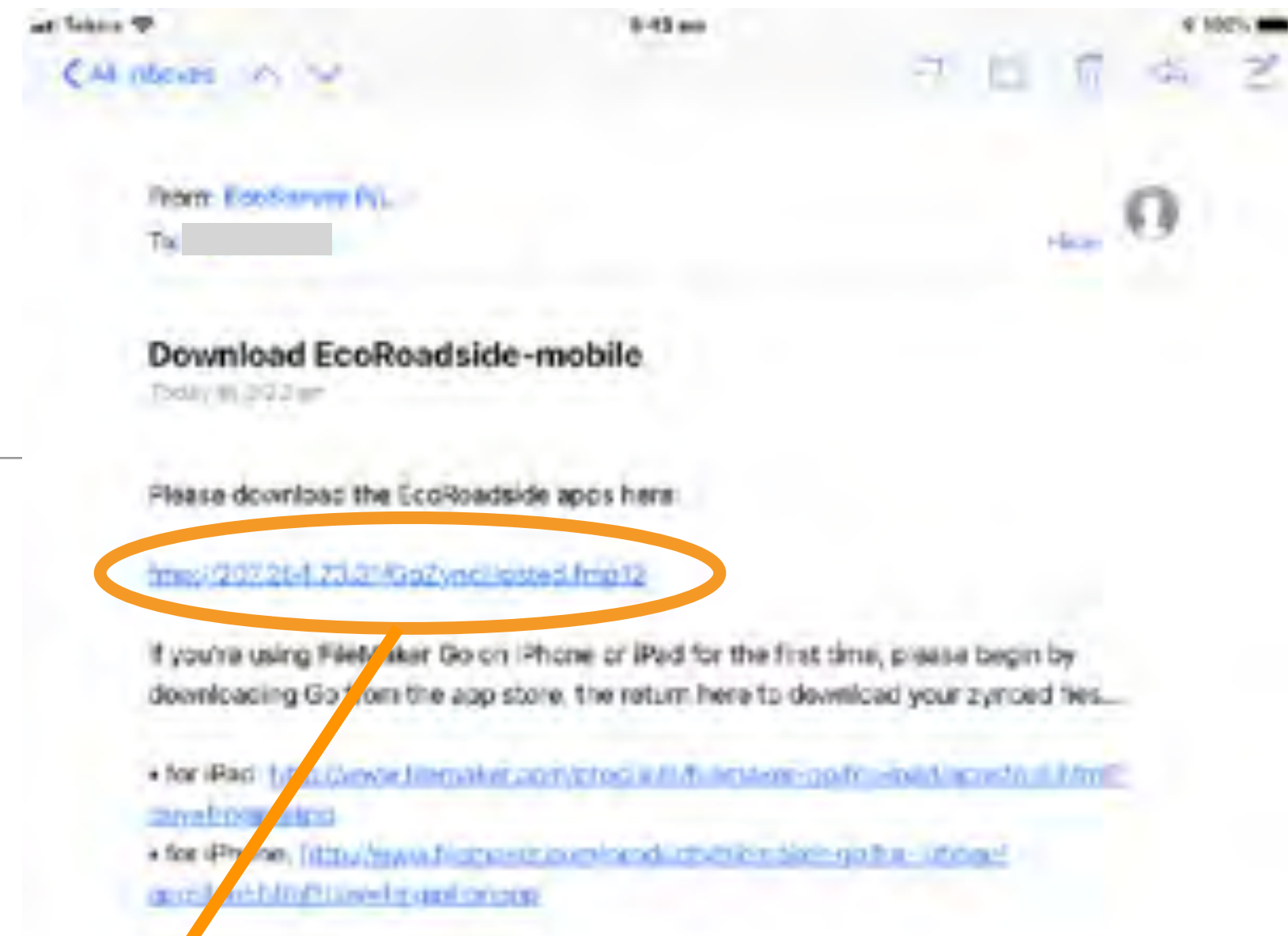


# getting the offline version: EcoRoadside-mobile

for areas with poor cellular coverage we provide  
an offline version of EcoRoadside  
called EcoRoadside-mobile

it is functionally equivalent to the online version except  
that data must be **synced** in order to save to  
EcoRoadside cloud and export for reporting, etc

contact us to receive an email with the link  
to download the files you'll need ...



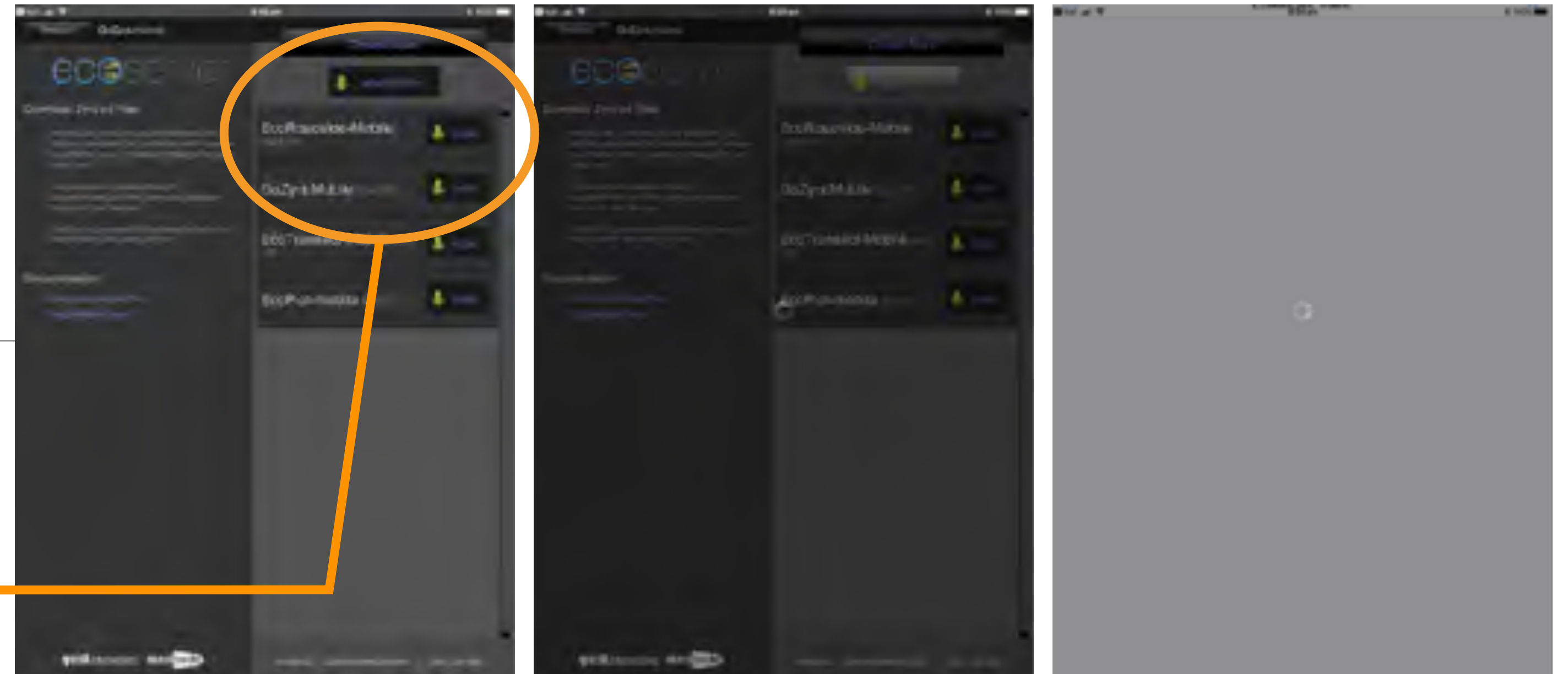


# getting the offline version: EcoRoadside-mobile

the link will take you to GoZyncHosted on EcoServer cloud  
and show you files you can download

for the Local Government NSW Council Roadside Reserves  
Project you need EcoRoadside-mobile and GoZyncMobile  
(note that it's easier to click "install all files" and  
delete those you don't need later)

download time depends on your connection speed  
(if you have a very slow connection tap the iPad every now  
and then to stop it going to sleep)



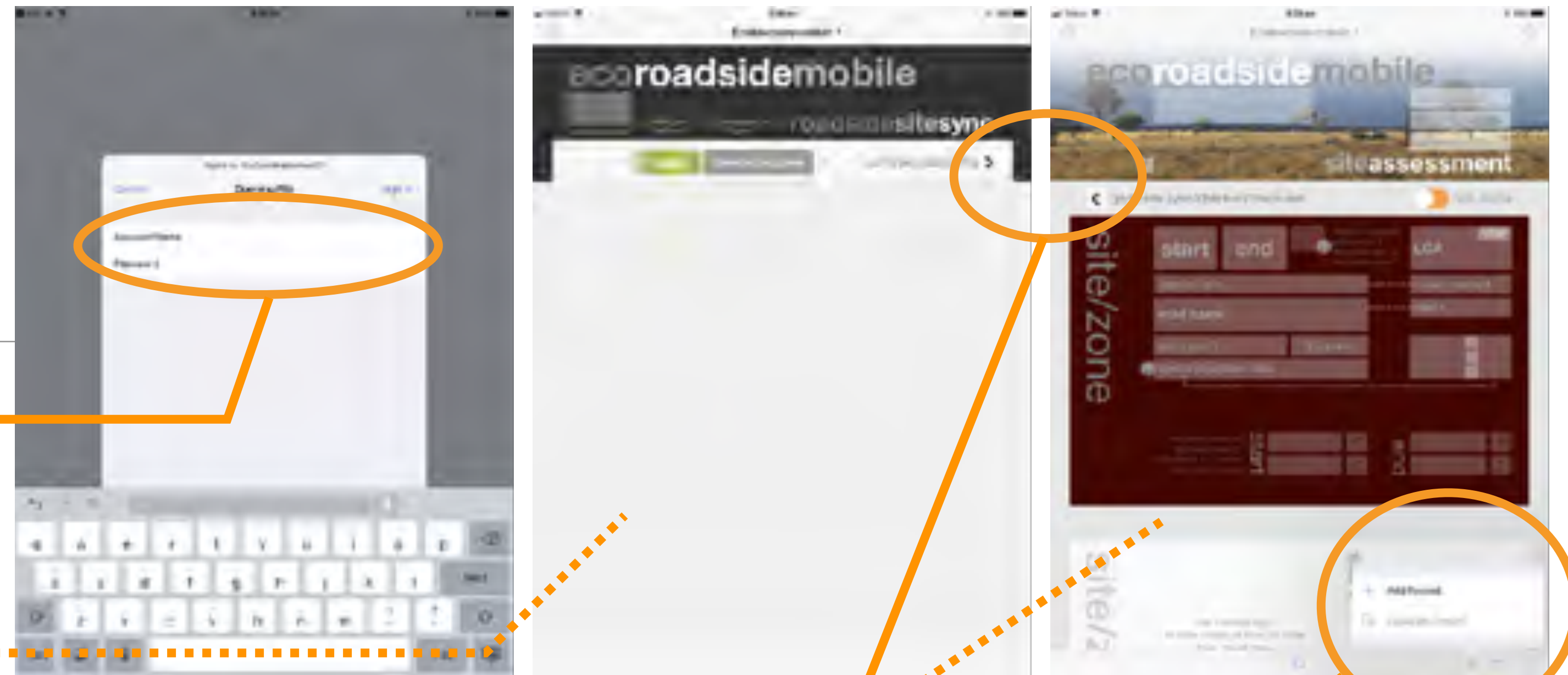
# starting EcoRoadside-mobile

log in to the new apps or use Touch ID if it comes up

the apps will install on your “Devices” panel  
(and appear on the “Recent” panel; once you’ve used them)  
they won’t appear on the “Hosts” panel

in EcoRoadside-mobile you’ll see either the “road site sync” or  
“site assessment” screens (you won’t have any records yet  
and you won’t see other people’s records)

use the arrows to change views  
and the small “+” to create a new record





# syncing EcoRoadside-mobile

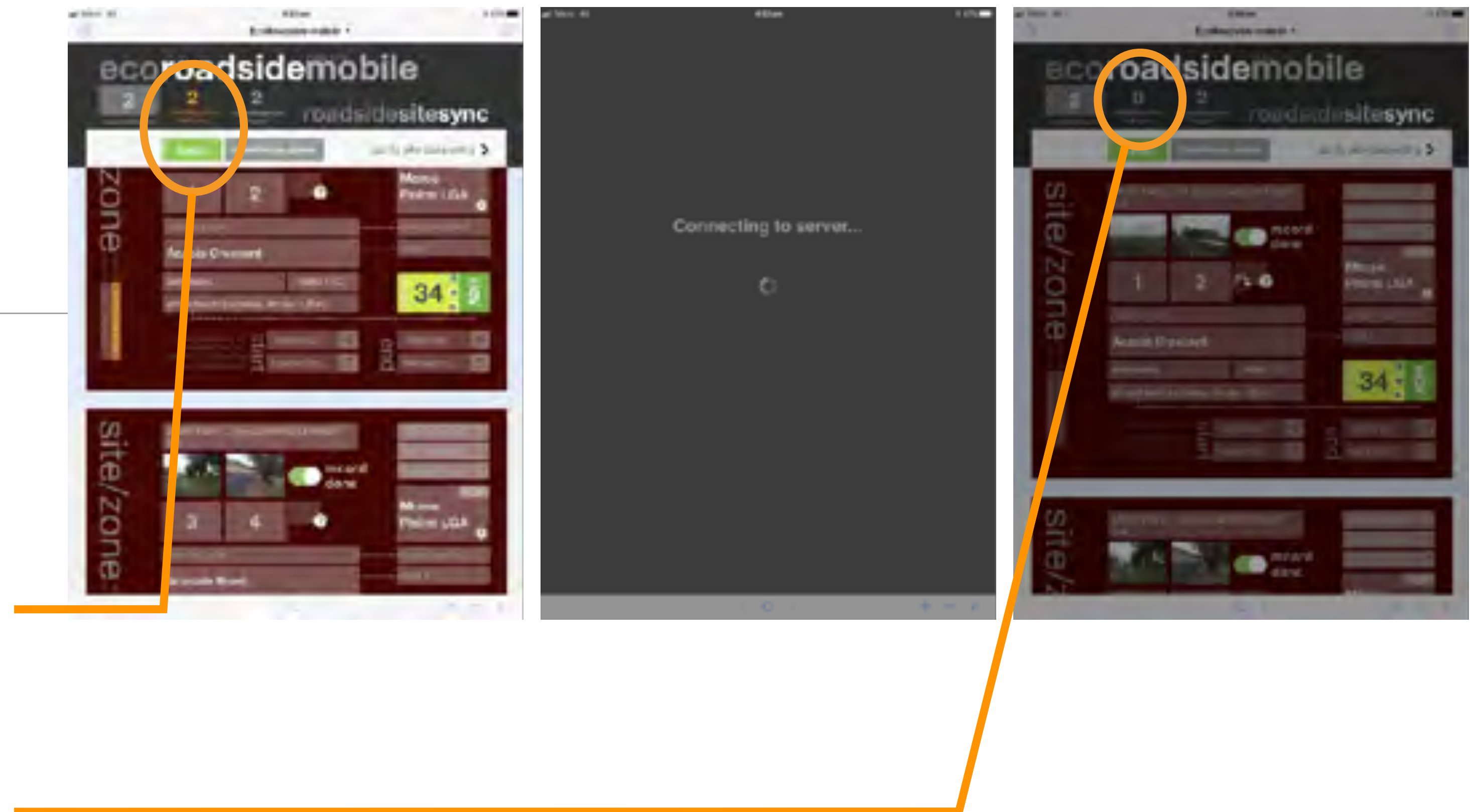
you enter data as you do for the online version of EcoRoadside  
see the slides following for more info and make sure to view  
the video run-through at <https://vimeo.com/258685645>

once you've entered some site assessment data  
your sync panel will look more like this  
here we have "2 records found"  
and "2 modified since last sync"

when you have good wifi or cellular signal press the  
green "sync" button to 'push' your data to EcoServer cloud

now we have "0 modified since last sync"  
meaning your data is safely uploaded and can be viewed on  
EcoRoadside cloud

*important note: you **must sync your data** at least daily  
unsynced data is permanently lost if the iPad is lost/stolen/broken  
(which has happened in our field testing)*



accessing EcoRoadside  
via the web viewer

on the desktop, or on a Windows tablet or Android device, you can access EcoRoadside via a web browser (Chrome, Explorer/Edge and Safari are officially supported, Firefox mostly works).

use the URL [ecoserver.com.au/fmi/webd](https://ecoserver.com.au/fmi/webd)  
then log in to EcoServer and then EcoRoadside with the same  
user name and password you use for the iOS version

the web app looks and functions almost identically  
(but you can't use it offline, of course  
you can't export data in the .xlsx format, but you can use .csv)





# using EcoRoadside with a mobile GIS app

using iOS 11 and a suitable iPad you can run EcoRoadside (or EcoRoadside-mobile) alongside a mobile GIS app

if you put your GIS app in the Dock you can drag it up from there and create side-by-side panels to run both apps on the same screen (then EcoRoadside won't have to re-connect when you switch between these two apps)

video instructions from Apple here  
at <https://www.apple.com/au/ipad-pro/how-to/>

see the result on the next page

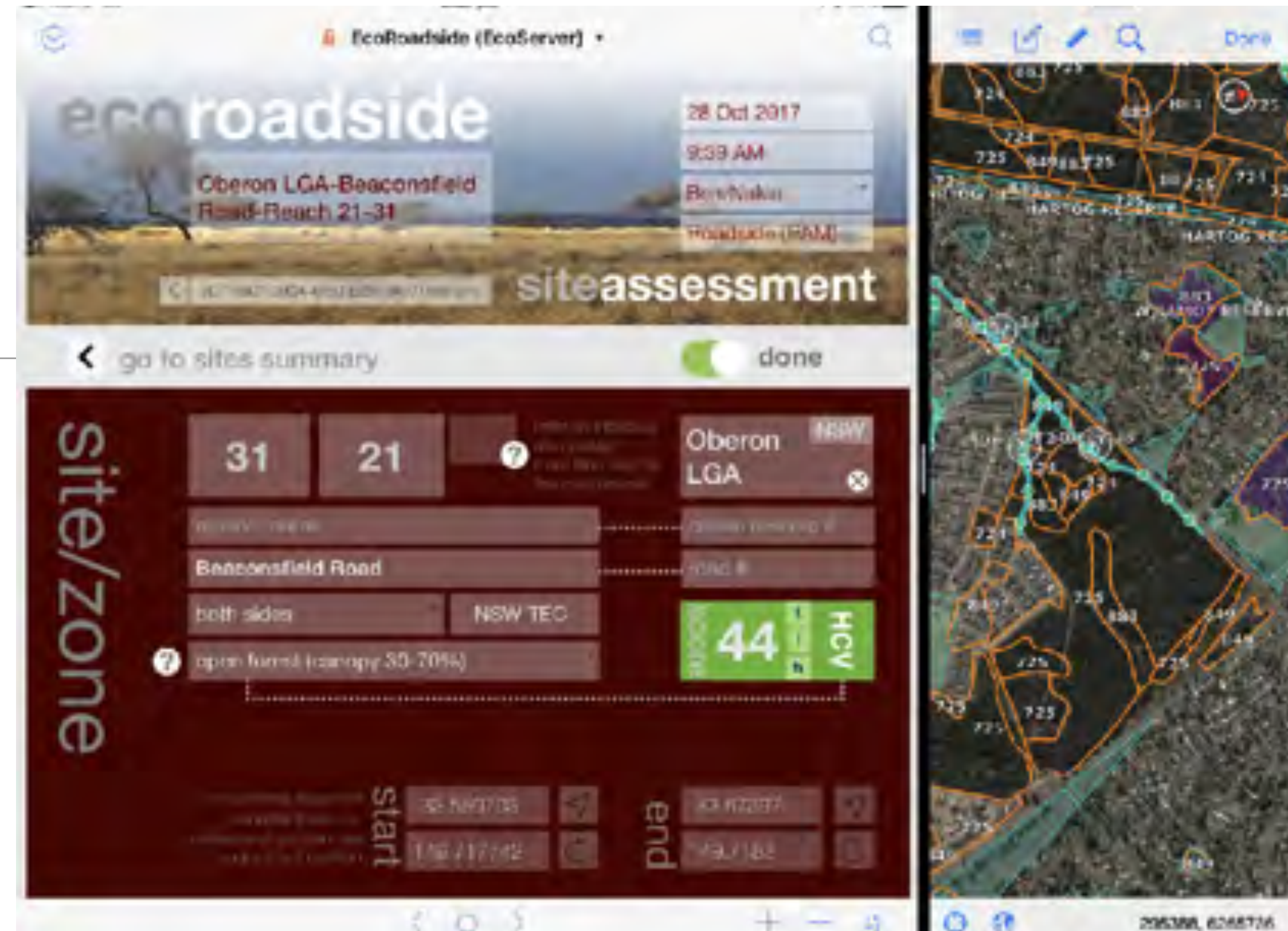




# using EcoRoadside with a mobile GIS app

here we show EcoRoadside side-by-side  
with Geometry's **iGIS** app

GPS uses a separate radio from the mobile  
cellular network, so it can be used outside  
3G/4G reception areas (but you should  
cache the air photo or 'satellite'  
background layer for your area of interest  
while you have cellular or wifi signal)





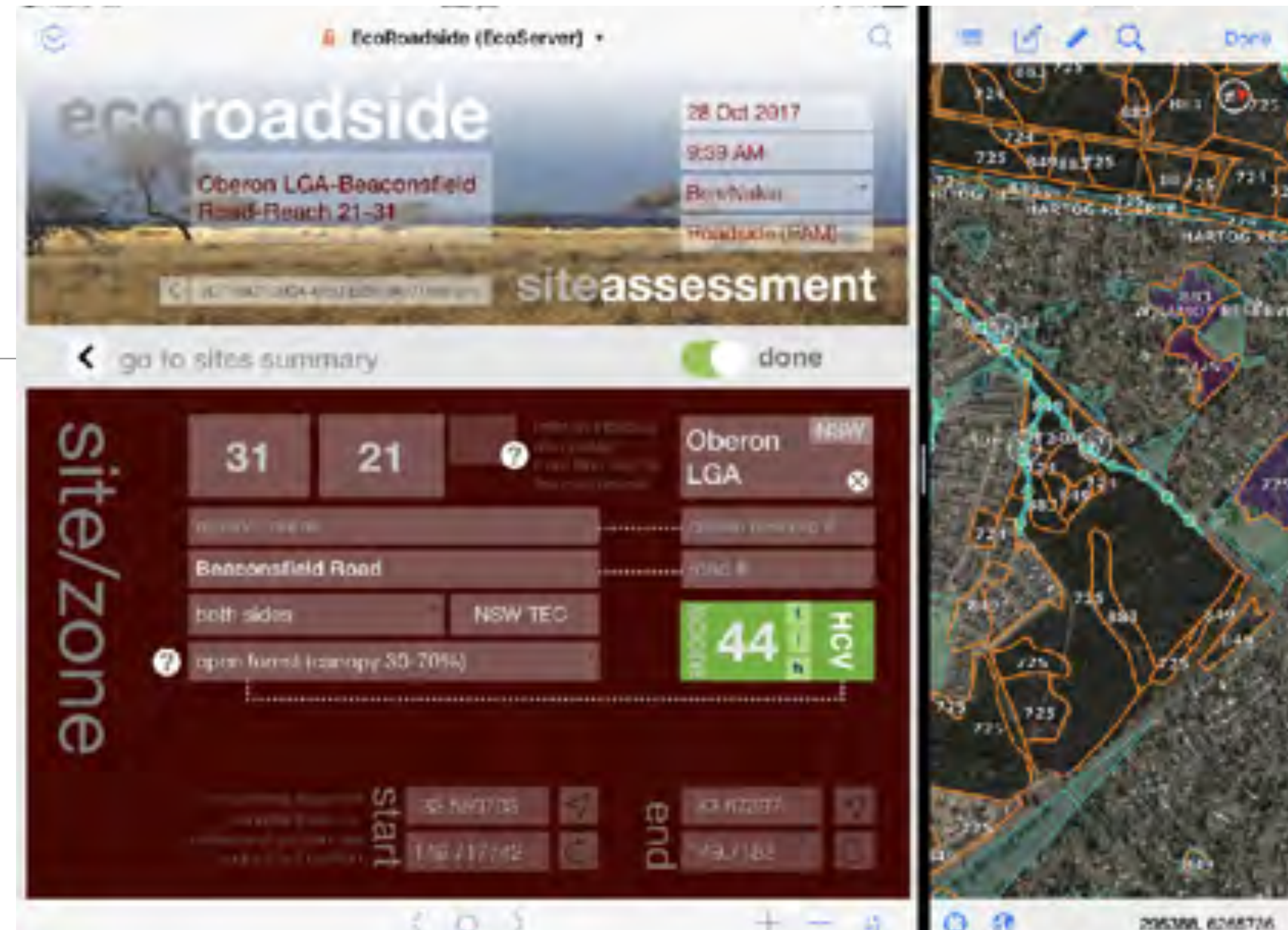
# using EcoRoadside with a mobile GIS app

Local Government NSW is providing spatial data layers for participating LGAs:

- IBRA regions and subregions
- Mitchell landscapes
- threatened species
- native vegetation
- wetlands (if applicable)
- all clipped to 250 metres from the roads.

you can see your current location and easily identify relevant data for your assessment area

you can also use the GIS app to draw assessment area points and polygons and generate a GPX track of your field work



## pop-up help ...

the “?” buttons in the app display pop-up help  
info on terminology and some of the more  
complex data entry operations

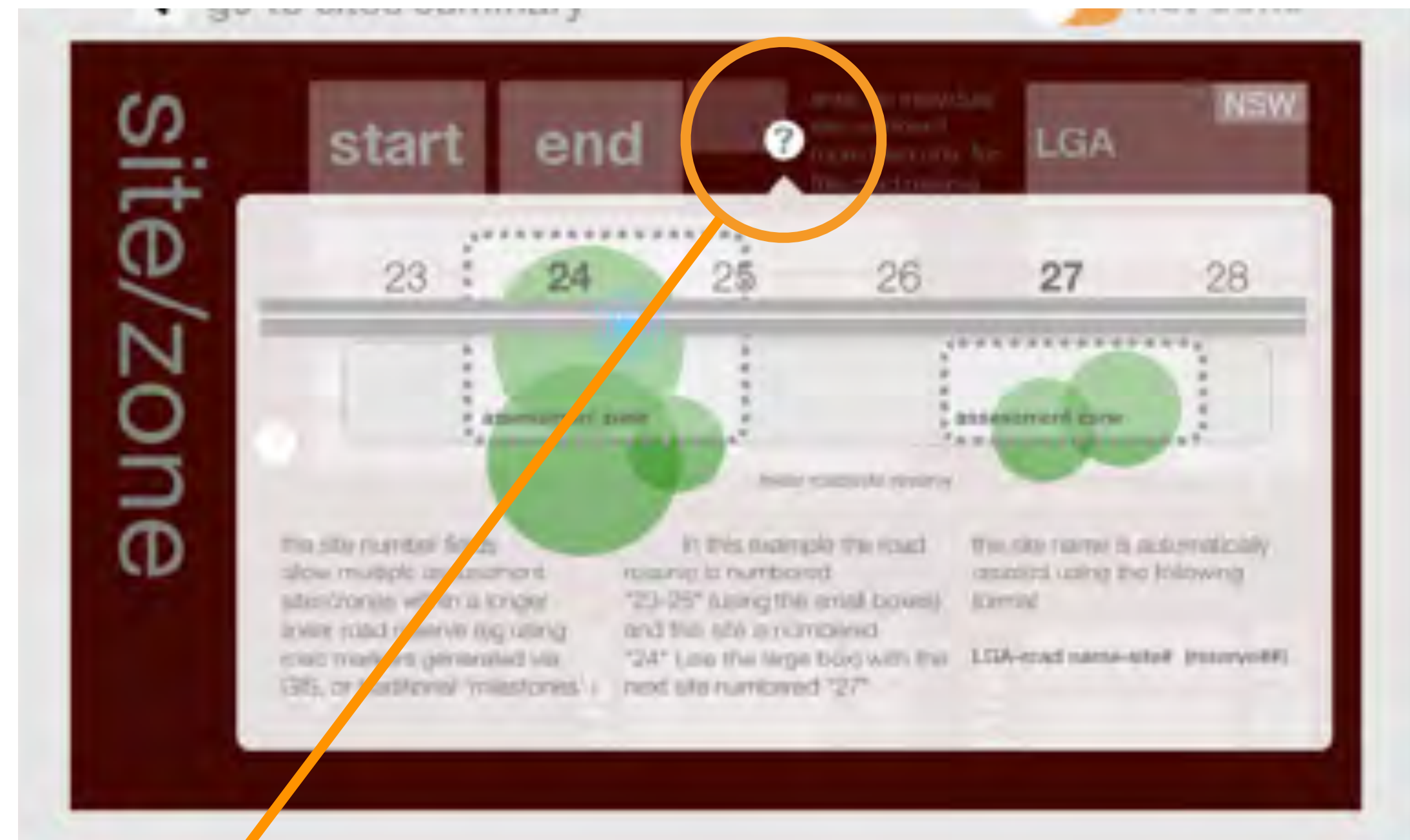
they are reproduced here as an introduction and  
comprehensive summary

remember that your access to records is based  
on the LGA you are working in, so enter this asap



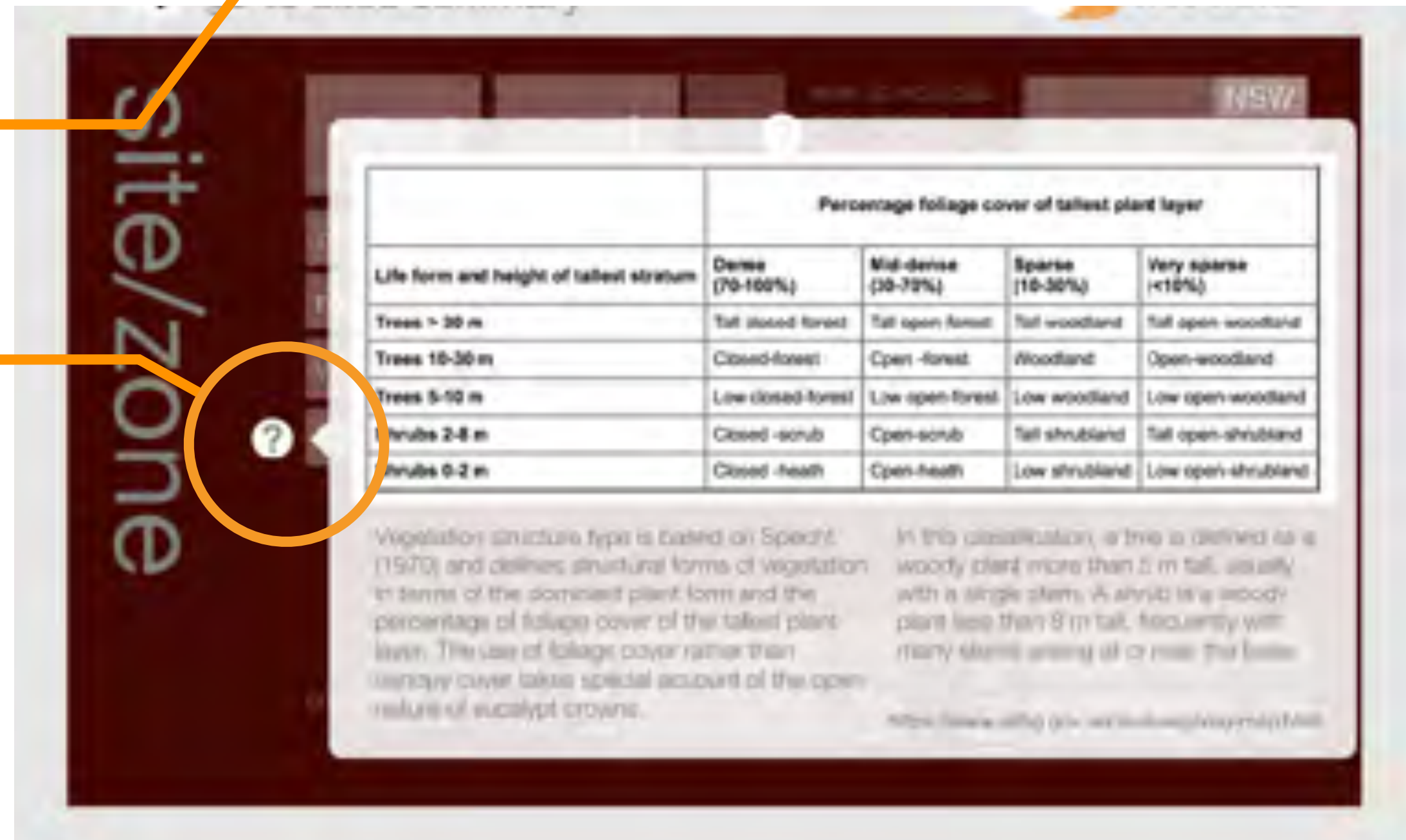


pop-up help:  
site/zone



instructions on using road kilometre  
markers for site id

description of the Specht vegetation  
structure types





## pop-up help: site photos

site location can be entered automatically  
from the iPad camera GPS data  
(full description on the next page)

additional photo monitoring points can be  
added in the same manner  
(use the arrow to go to the  
photo point screen)





## pop-up help: site photos

you need to switch to the Camera app  
then switch back to EcoRoadside to add the photo  
location data to your site record

in iOS 11 you can put the Camera app in the Dock  
and use the Dock to switch between  
the EcoRoadside and Camera app

video instructions from Apple here:  
<https://www.apple.com/au/ipad-pro/how-to/>



... take the photo with the Camera ...



... then switch back (the FileMaker app  
will reconnect to EcoRoadside)

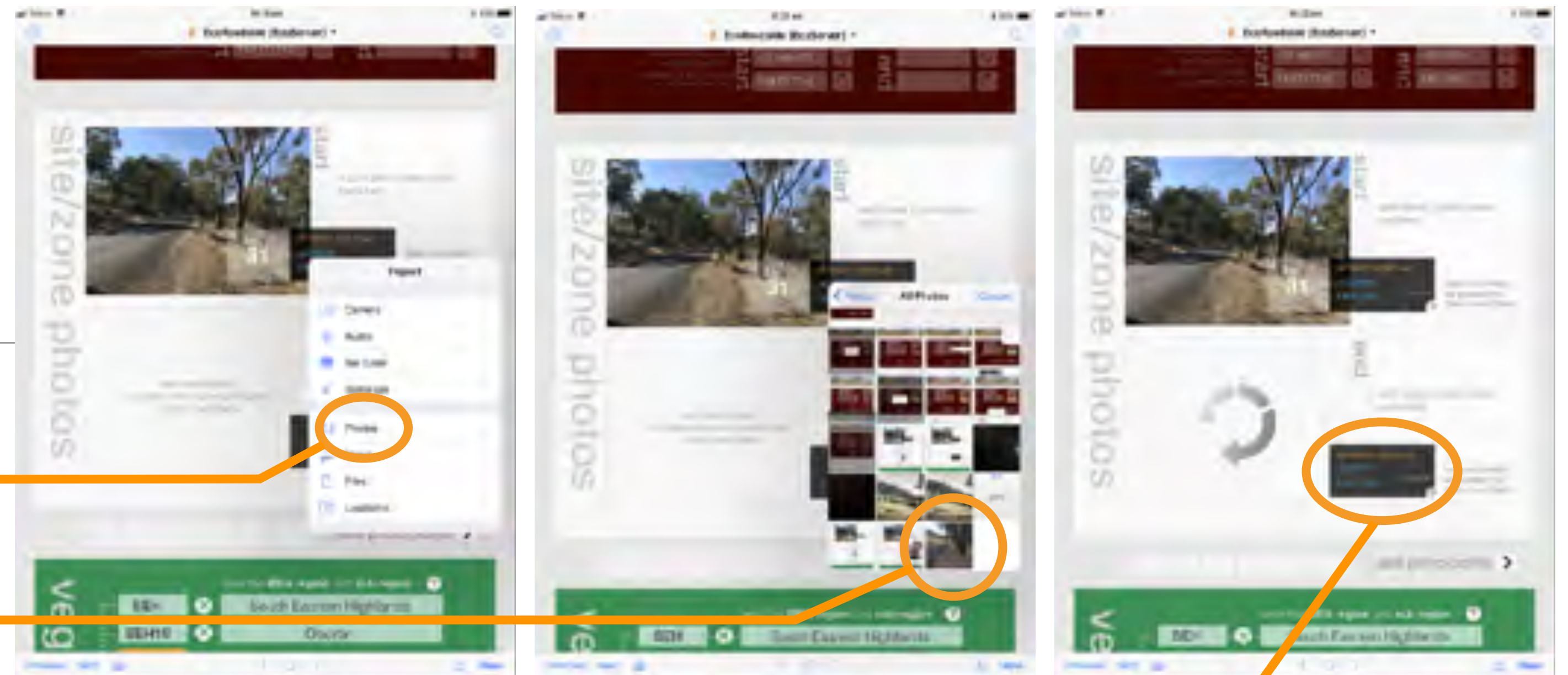


## pop-up help: site photos

when your record re-appears, select  
Photos (not Camera)

the photo you just took will be at the end

tap it and the photo will load, along with  
the timestamps and location data  
in decimal degrees





pop-up help:  
vegetation:  
IBRA

info on entering the biogeographic region  
(IBRA) and subregion (IBRA subregion) to  
narrow down the selection of Plant  
Community Type (PCT)

\*more on this after the next slide





# pop-up help: vegetation: Mitchell landscape

info on entering the Mitchell Landscape  
(map layers are supplied  
for the project by LGNSW)

when you enter the Mitchell landscape  
EcoRoadside will automatically enter the '% cleared' here  
and populate the status fields in the next two sections if this  
is an 'over-cleared landscape'

% cleared data is entered from the built-in NSW OEH BioNet v3.1 data tables  
available via Creative Commons licence CC BY 4.0  
<https://creativecommons.org/licenses/by/4.0/>





# pop-up help: vegetation: PCT

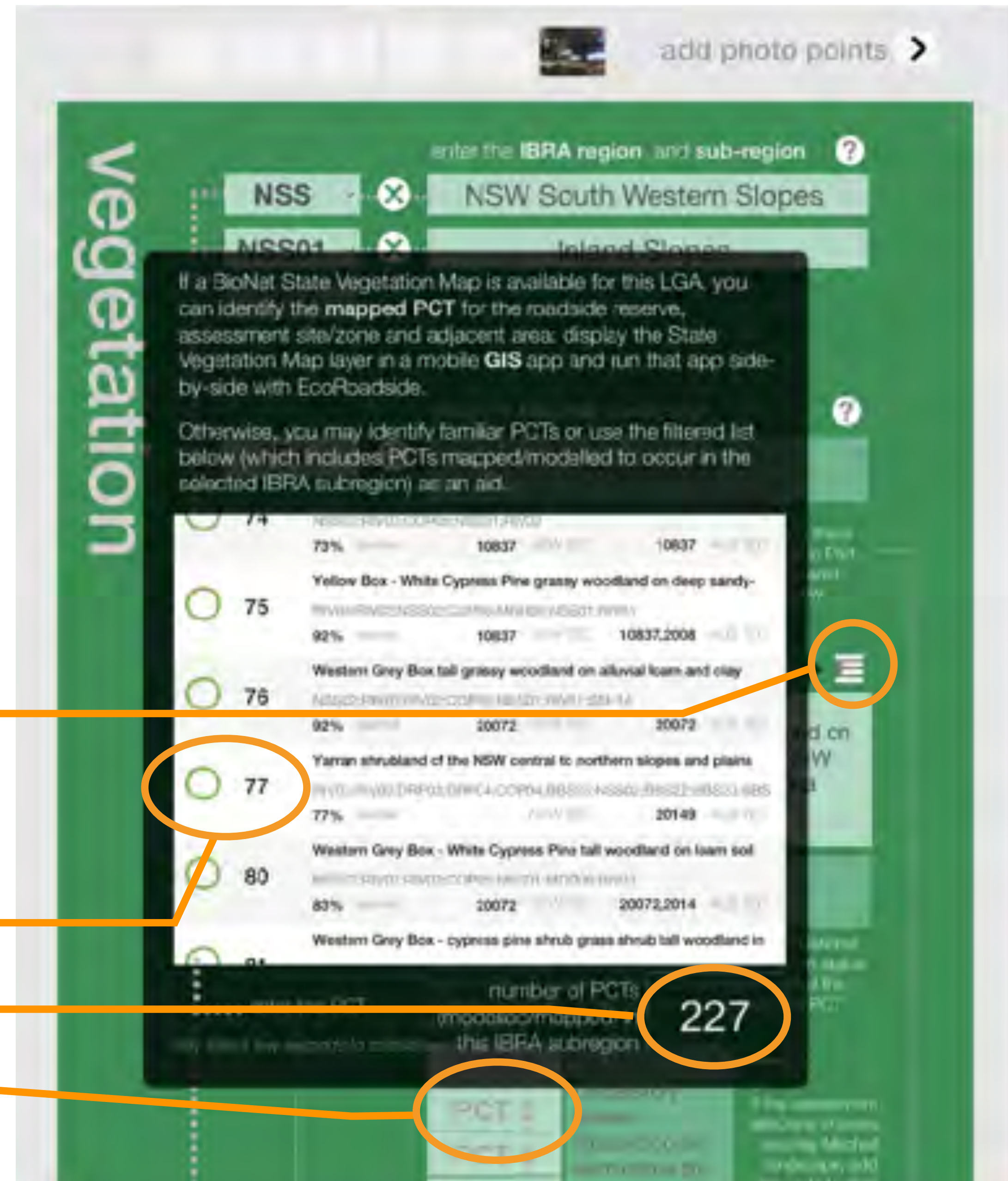
enter the Plant Community Type (PCT) from the pop-up window, the PCTs for the IBRA subregion will display based on the NSW State Vegetation Map modelling (map layers are supplied for the participants by Local Government NSW)

tap the green circle to enter a PCT for your site (this runs a multi-step script so be patient)  
if a threatened PCT is present use that one  
otherwise select the PCT with the largest area

number of PCTs for the IBRA subregion is calculated

additional PCT numbers can be entered here if applicable

% cleared and status data is entered from the built-in NSW OEH BioNet v3.1 data tables available via Creative Commons licence CC BY 4.0  
<https://creativecommons.org/licenses/by/4.0/>





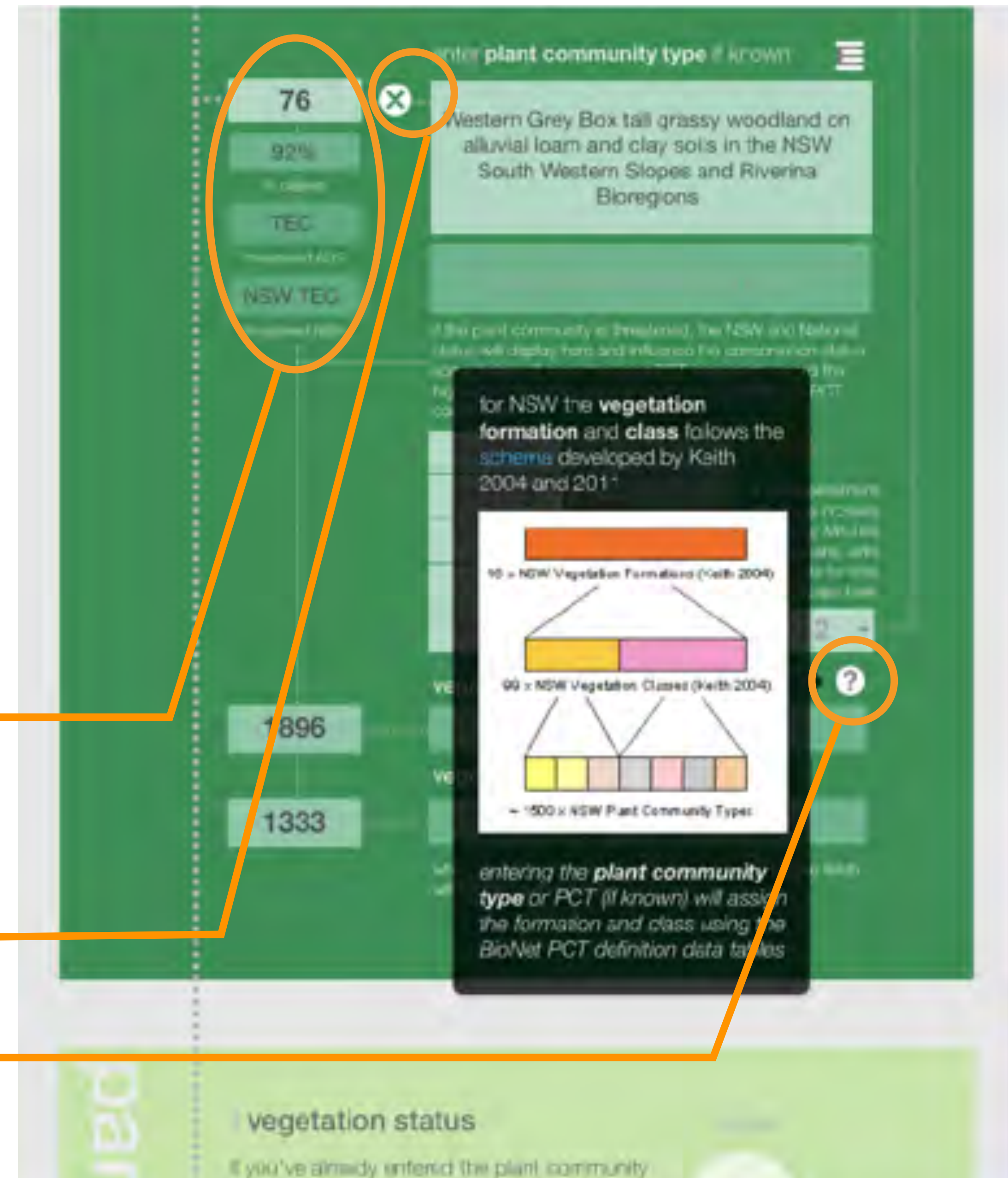
# pop-up help: vegetation: PCT

when you enter a PCT  
EcoRoadside will automatically enter  
% cleared and threatened status  
and populate the vegetation status field  
in the next section (overriding the Mitchell  
landscape cleared status if applicable)

when you've entered data via a list  
the small cross can be used to clear that field

vegetation class and formation are also automatically  
entered from the PCT data

the PCT data is entered from the built-in NSW OEH BioNet v3.1 data tables  
available via Creative Commons licence CC BY 4.0  
<https://creativecommons.org/licenses/by/4.0/>





# pop-up help: conservation status: veg status and wetlands

the vegetation status information is automatically entered from the previous section if the Mitchell landscape is 'over-cleared' or the PCT status is threatened (otherwise, enter status manually)

info on entering wetland data (map layers are provided for the project by Local Government NSW)

part a: conserv'n status

vegetation status

If you've already entered the plant community type (or PCT) this field will be filled with the TEC/EEC or over-cleared status of that PCT, if you don't know the PCT, you can enter the vegetation info here manually

TEC/EEC  
10537

2

0

0

absent

enter SOS species from list

enter SOS program site if applicable

wetlands have high essential biodiversity values and their protection is a high conservation priority.

wetlands occur in low points/ depressions along drainage paths that hold water during wet periods. during dry periods wetlands can be identified by these depression's in the landform and/or by presence of hardy perennial wetland plants like sedges, rushes and reeds.

?

pop-up help:  
conservation status:  
threatened species

info on entering threatened species data  
(map layers are provided for the project  
by Local Government NSW)





pop-up help:  
conservation status:  
score

info on scoring for this section

the score will auto-populate  
based on the answers provided above

The image shows a digital interface for calculating a conservation status score. It is divided into two main sections: a green top section for general status and a yellow bottom section for a specific landscape.

**Top Section (Green):**

- Header: "status"
- Text: "add from OE-I Save Our Species program listing below (check site proximity to Atlas records and/or use local knowledge)"
- Input field: "absent" (with a question mark icon)
- Input field: "enter SOS species from list"
- Input field: "enter" (with a question mark icon)
- Pop-up help box (black background, white text):
  - conservation status result
  - threatened ≥ 2
  - depleted = 1
  - common = 0
- Output: "conservation status subtotal" with a score of "2" (highlighted in a green box).

**Bottom Section (Yellow):**

- Header: "part b: landscape"
- Section: "Mitchell landscape"
- Input field: "enter the Mitchell landscape" (with a question mark icon)
- Input field: "Brokong Plains"
- Text: "If this is an over-cleared landscape, the % cleared will display here and influence the landscape status score"
- Input field: "854" (with a question mark icon)
- Text: "93% % cleared"
- Text: "> 70% cleared"
- Text: "if you've already entered the Mitchell Landscape this field will be filled"
- Output: "score" with a score of "10" (highlighted in a yellow box).

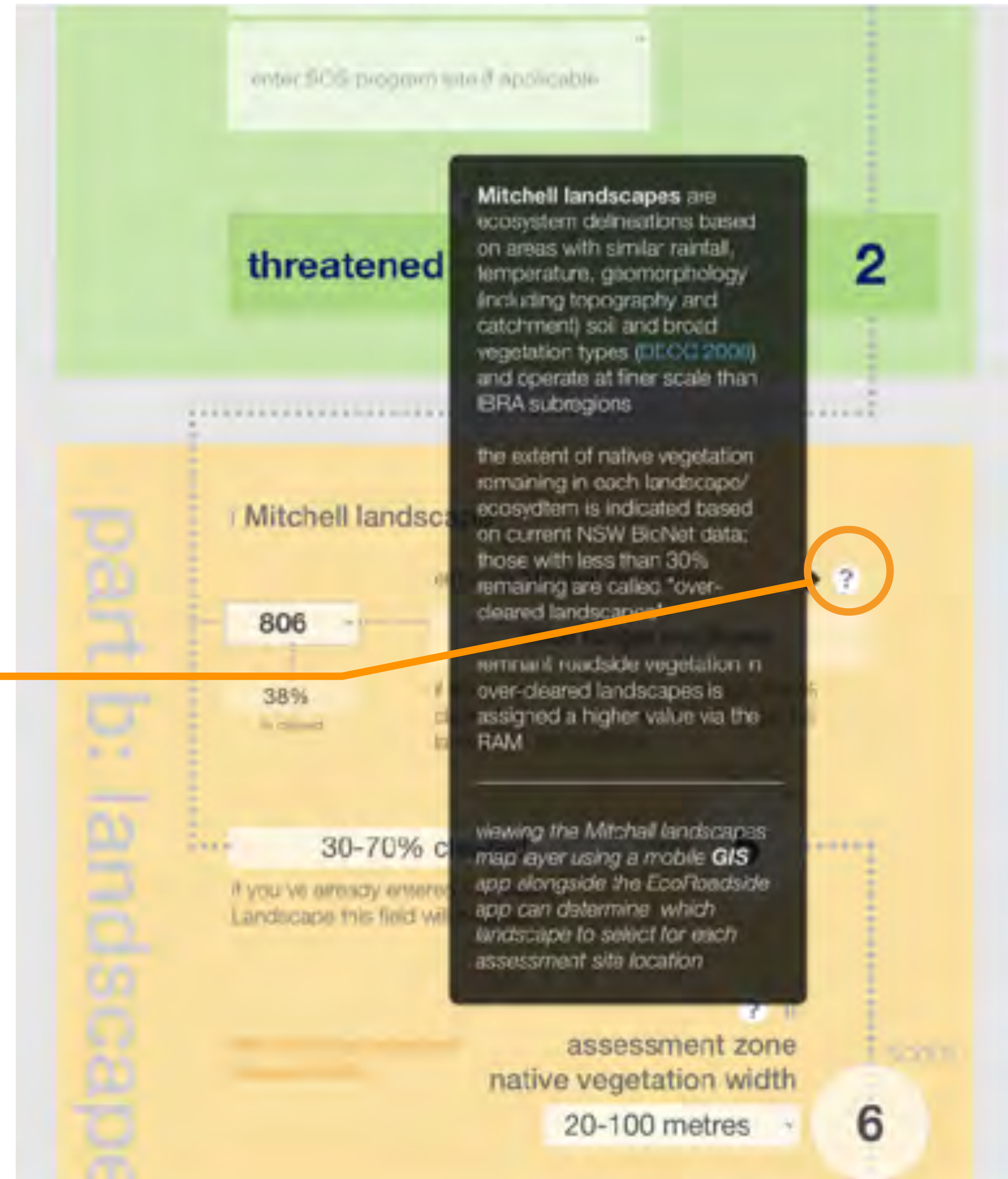
An orange line connects the "info on scoring for this section" text to the question mark icon in the pop-up help box.

# pop-up help: landscape context: Mitchell landscapes

Mitchell landscapes are part of the  
landscape context score

information is automatically entered from  
the vegetation section above, if the  
Mitchell landscape is entered there

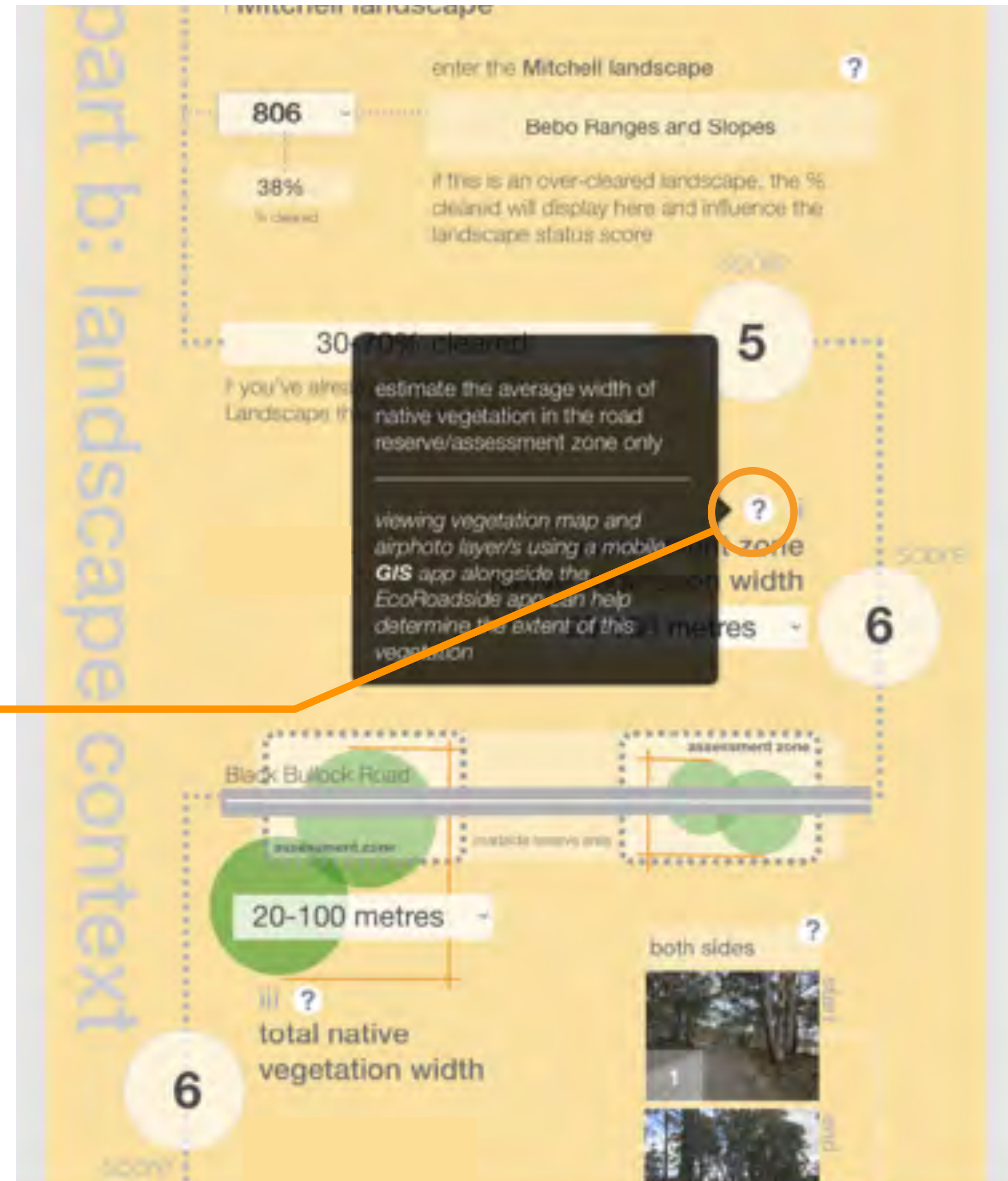
% cleared data is derived from  
the built-in NSW OEH BioNet v3.1 data tables  
available via Creative Commons licence CC BY 4.0  
<https://creativecommons.org/licenses/by/4.0/>





pop-up help:  
landscape context:  
reserve native veg width

info on assessing the native vegetation  
width within the assessment area  
(ie within the road reserve itself)





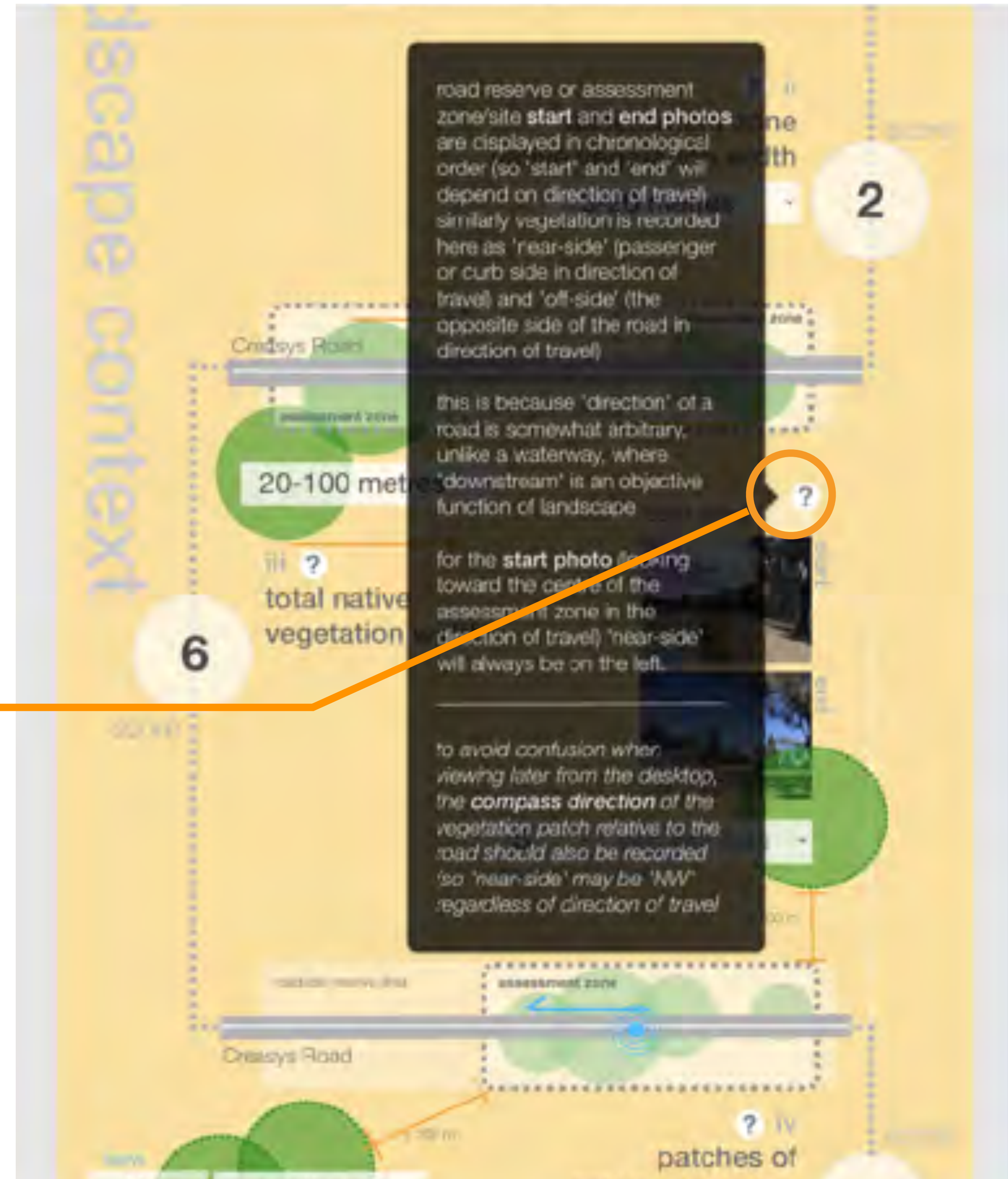
# pop-up help: landscape context: road orientation

info on describing and photographing the  
road orientation for the assessment site

*because direction of travel while undertaking assessment is  
arbitrary there is provision to enter compass direction as well  
as near-side\* and off-side\*\* in the direction of travel*

*\*near-side is kerb or glovebox side*

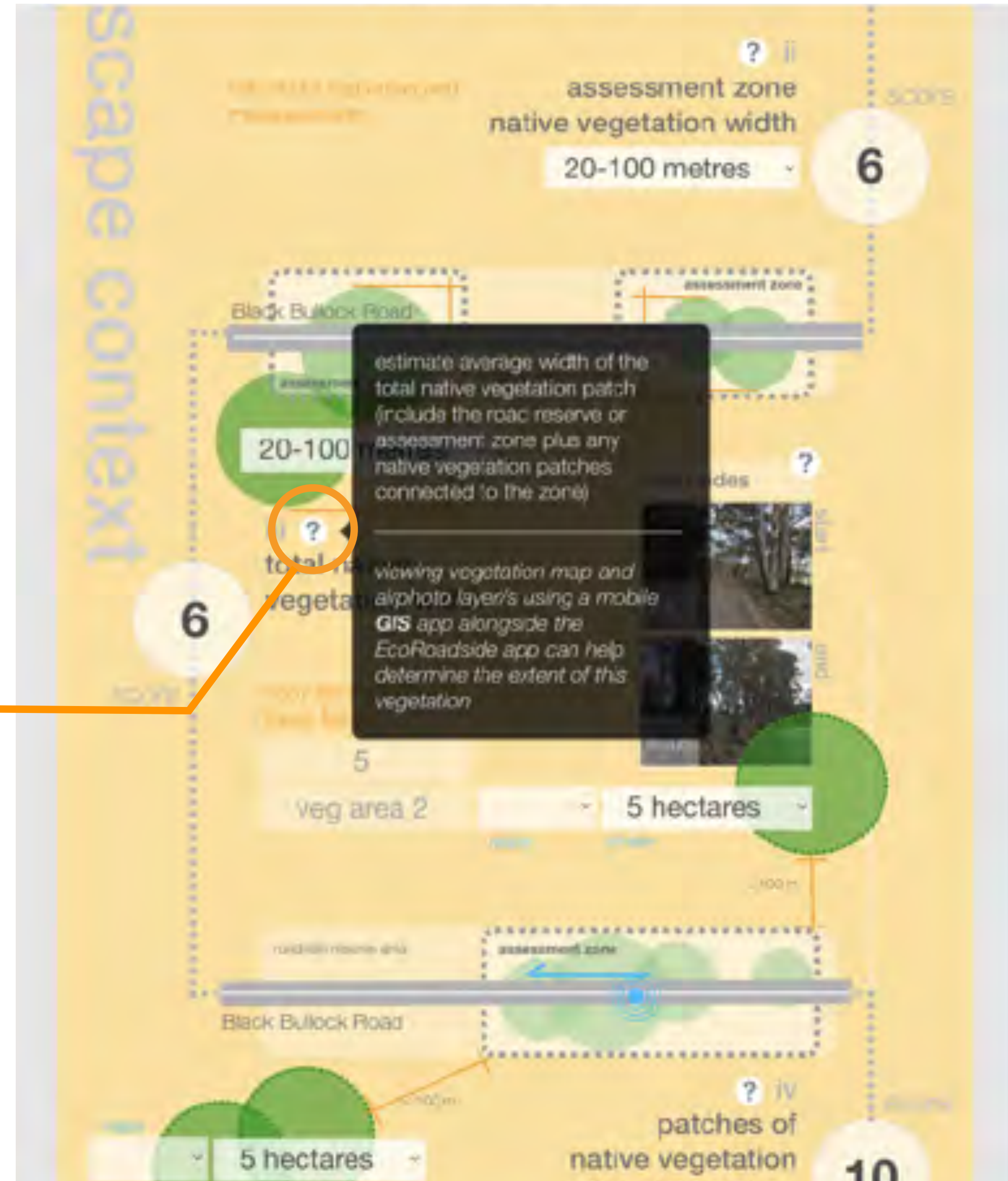
*\*\*off-side is opposite or steering wheel side*





pop-up help:  
landscape context:  
total connected veg width

info on assessing the native vegetation  
width extending outside the  
road reserve assessment area  
(but still connected to the  
road reserve vegetation)





pop-up help:  
landscape context:  
nearby veg patch area

info on assessing the native vegetation  
outside the assessment area (but  
separated by a gap of less than 100  
metres from the reserve vegetation)

*because direction of travel while undertaking assessment is  
arbitrary there is provision to enter compass direction as well  
as near-side\* and off-side\*\* in the direction of travel*

*\*near-side is kerb or glovebox side  
\*\*off-side is opposite or steering wheel side*

part b: landscape context

Mitchell landscape

enter the Mitchell landscape ?

806

38%  
% cleared

Bebo Ranges and Slopes

If this is an over-cleared landscape, the % cleared will display here and influence the landscape status score

30-70% cleared

5

estimate the average width of native vegetation in the road reserve/assessment zone only

viewing vegetation map and airphoto layer/s using a mobile GIS app alongside the EcoRoadside app can help determine the extent of this 100 metres

6

20-100 metres

Black Bullock Road

assessment zone

20-100 metres

6

total native vegetation width

both sides ?

1



pop-up help:  
landscape context:  
score

info on scoring for this section

the score will auto-populate  
based on the answers provided above

The image shows a screenshot of a landscape assessment form. At the top, there is a map of a road area with a road labeled 'Cassys Road'. A dashed line indicates a '100m' buffer zone. A green circle represents a 'patch of vegetation'. A dropdown menu is open, showing 'veg off-side'. Below the map, there is a table with the following content:

landscape context result	patches of native vegetation within 100 metres (total area)	score
large and/or connected = 22+		
moderate = 10-21		
small and disconnected = 0-9		

Below the table, there is a dropdown menu with 'large and/or connected' selected. To the right of this, the text 'landscape context subtotal' is followed by a large orange box containing the number '28'. At the bottom of the form, there is a section titled 'part' with a dropdown menu for 'vegetation structure' set to 'partially intact', followed by a large green box containing the number '2'.



pop-up help:  
condition:  
veg structure

general info on vegetation structure





pop-up help:  
condition:  
veg structure condition

specific info on vegetation  
structure condition categories  
used in this section





# pop-up help: condition: broad veg structure types

the Specht structure types entered at the beginning of the assessment are simplified to three broad structure types here





pop-up help:  
condition:  
score

info on scoring for this section

the score will auto-populate  
based on the answers provided above

**ground cover nativeness**

sites where native species dominate have lower management requirements as weed spread is limited, they provide ideal seed bed for native plant germination, they provide higher quality feed year-round and compared with exotic pasture grasses they demonstrate lower fire hazard

**2**

**now the condition score**

**naturally treed vegetation:**  
HIGH 17+ = residual or modified A; 14-16 = modified B  
MODERATE 9-13 = transformed A; 6-8 = transformed B  
LOW 0-5 = replaced

**shrublands/heathlands**  
HIGH 14+ = residual or modified A; 11-13 = modified B;  
MODERATE 8-10 = transformed A; 6-7 = transformed B;  
LOW 0-5 = replaced

**grasslands**  
HIGH 7+ = residual or modified A; 5-6 = modified B;  
MODERATE 4 = transformed A; 3 = transformed B; LOW 0-2 = replaced

**condition**

**moderate**

**condition subtotal 11**

**conservation value**

**threatened**

**moderate**

**moderate**

**MCV**

**site total 33**

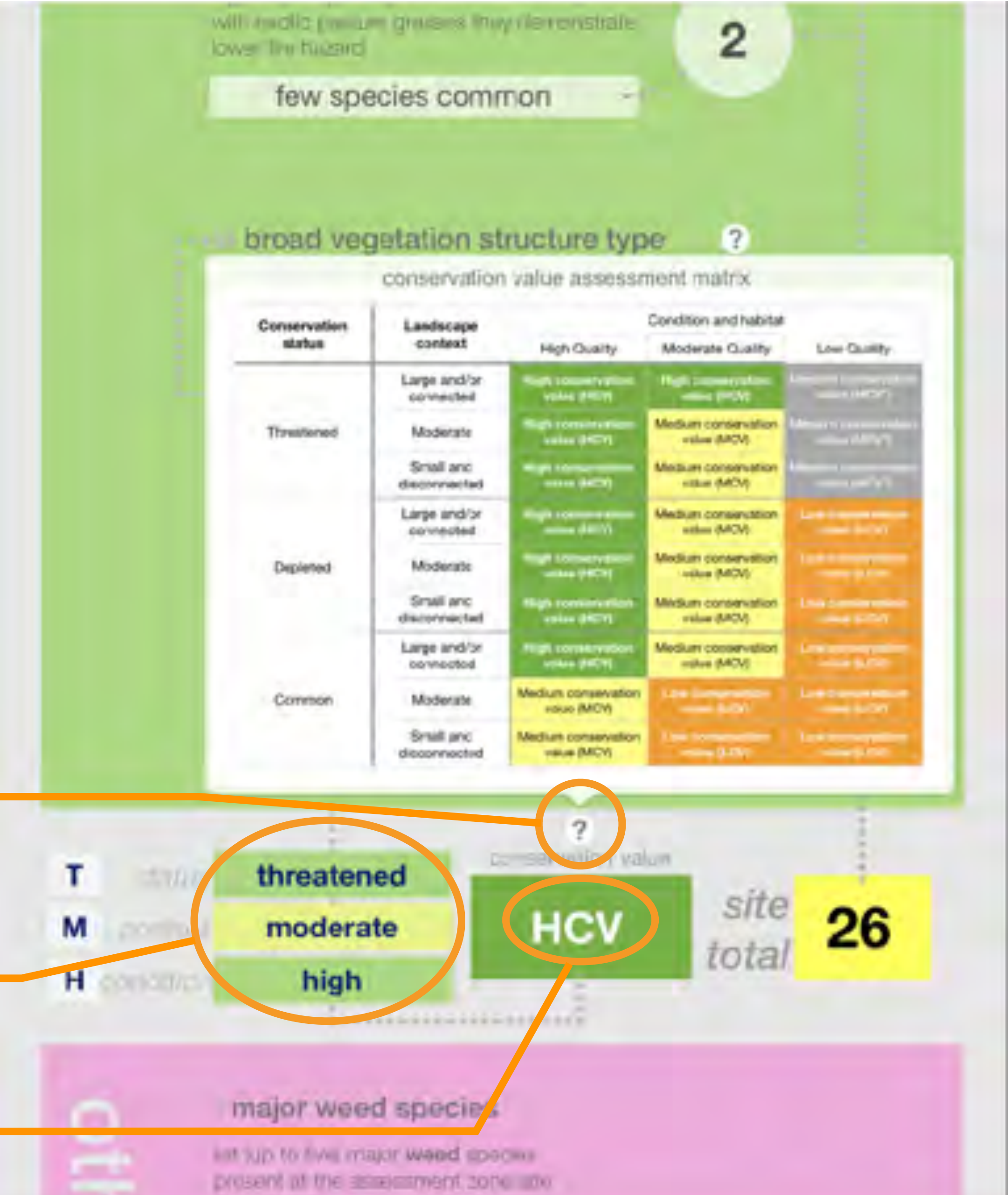


pop-up help:  
condition matrix  
and site value

the matrix logic that generates  
the overall conservation value based on  
the conservation status, landscape context  
and condition data entered for each  
assessment is illustrated here

the section results should be coloured and include a  
status text, if any are grey or empty you've missed  
some of the data entry fields, so go back and check

the final conservation value result is calculated as  
you go, so you can get an instant feel for your site





# pop-up help: entering other info

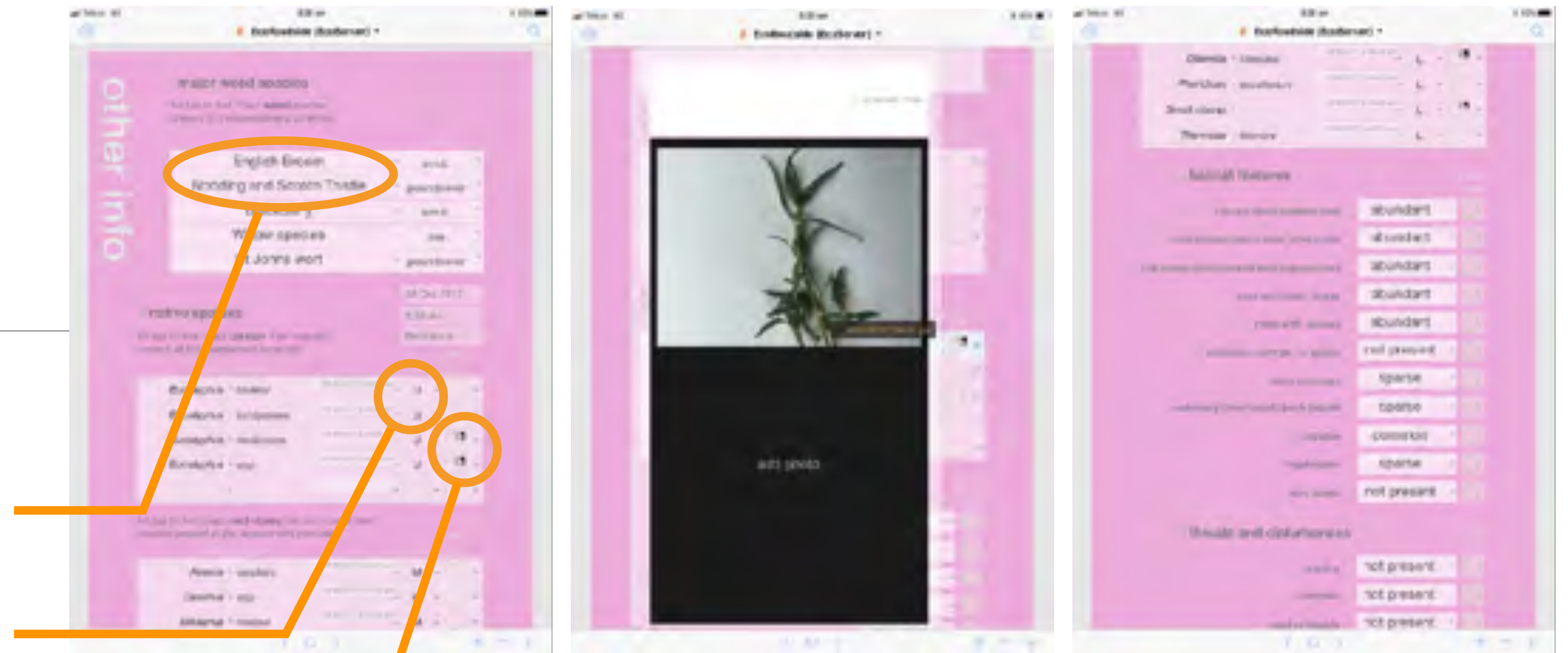
the final section is non-scoring  
but provides for a wide range of general and specific site information

the weed species drop-down should be pre-populated  
with the priority weeds table you supplied

the native species lists builds as you enter your species data (pay  
attention to correct species names and spelling or the list will get ugly)

you assign strata to native species to sort them into upper, mid and lower

you can enter a photo for any item in the other info section  
you can use the camera directly from the EcoRoadside app to speed  
things up as the location for these additional images is not used



# finding records and exporting reports

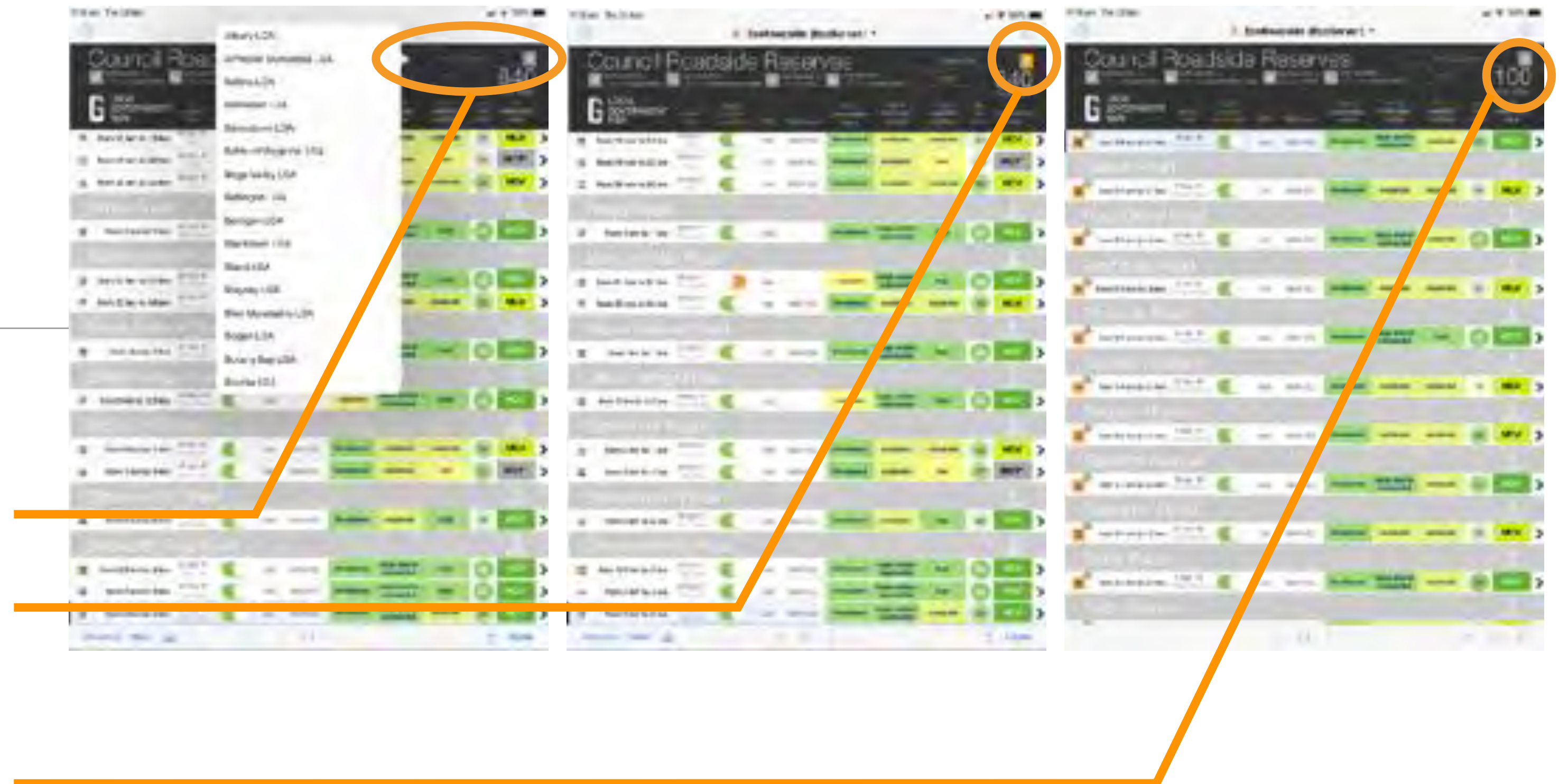
information from field assessment can be exported as a report in PDF format

this will include the records in your found set (which can be your LGA, or a subset based on any search criteria, or just one record)

selecting records for an LGA can be done from the 'find LGA records' field top right then tapping the orange button

here, searching for 'Penrith LGA' returns a found set of 100 records

searching for a subset of records is best done from the data entry view (see following page)





# finding records and exporting reports

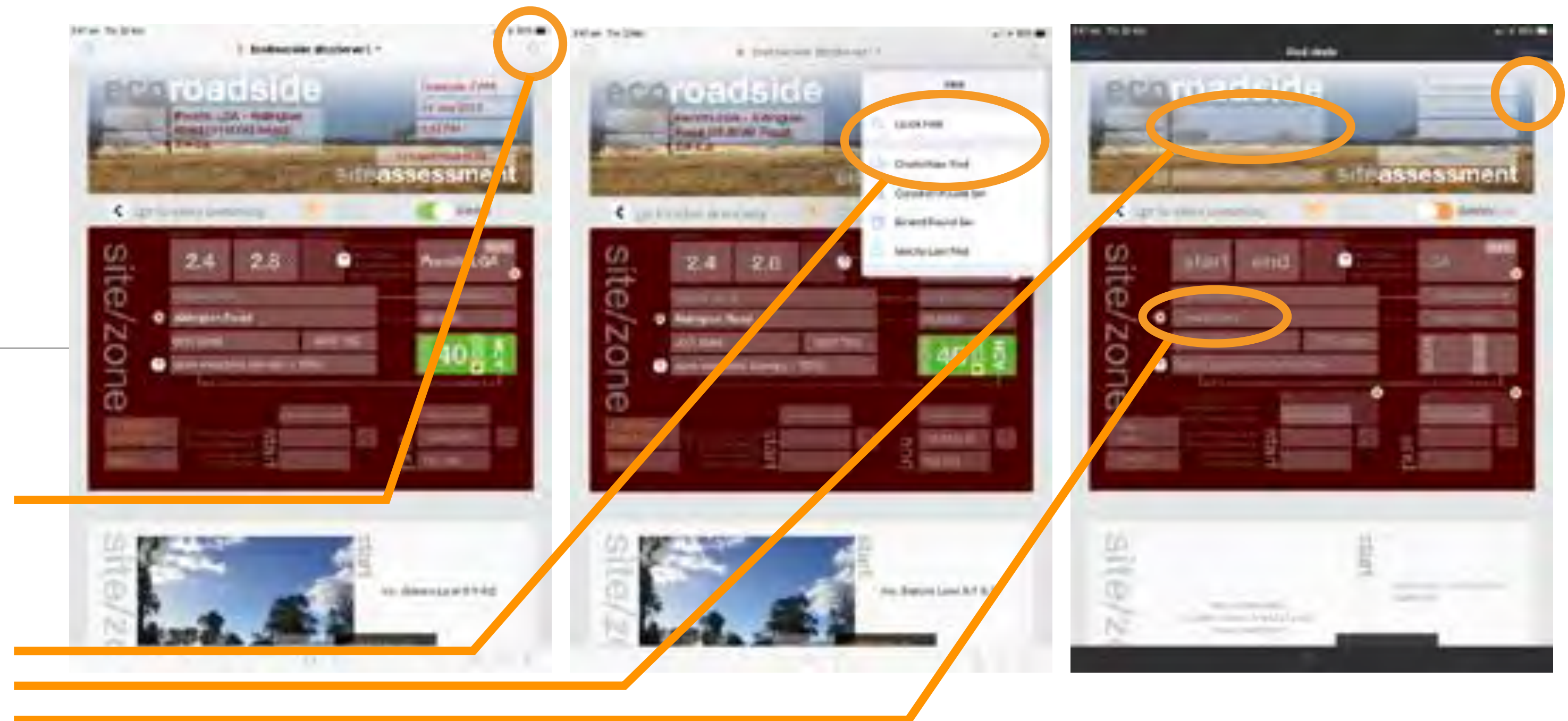
... more detailed searches can be undertaken via the find mode

use the magnifying glass icon top right  
(be careful not to type a search term into a record  
before entering find mode  
or you will change the data in the record)

use the 'quick find' for a single keyword search of all fields  
or 'create new find' to search individual fields  
including the site name keyword and road name fields

you can also 'constrain' or 'extend' a found set with additional searches

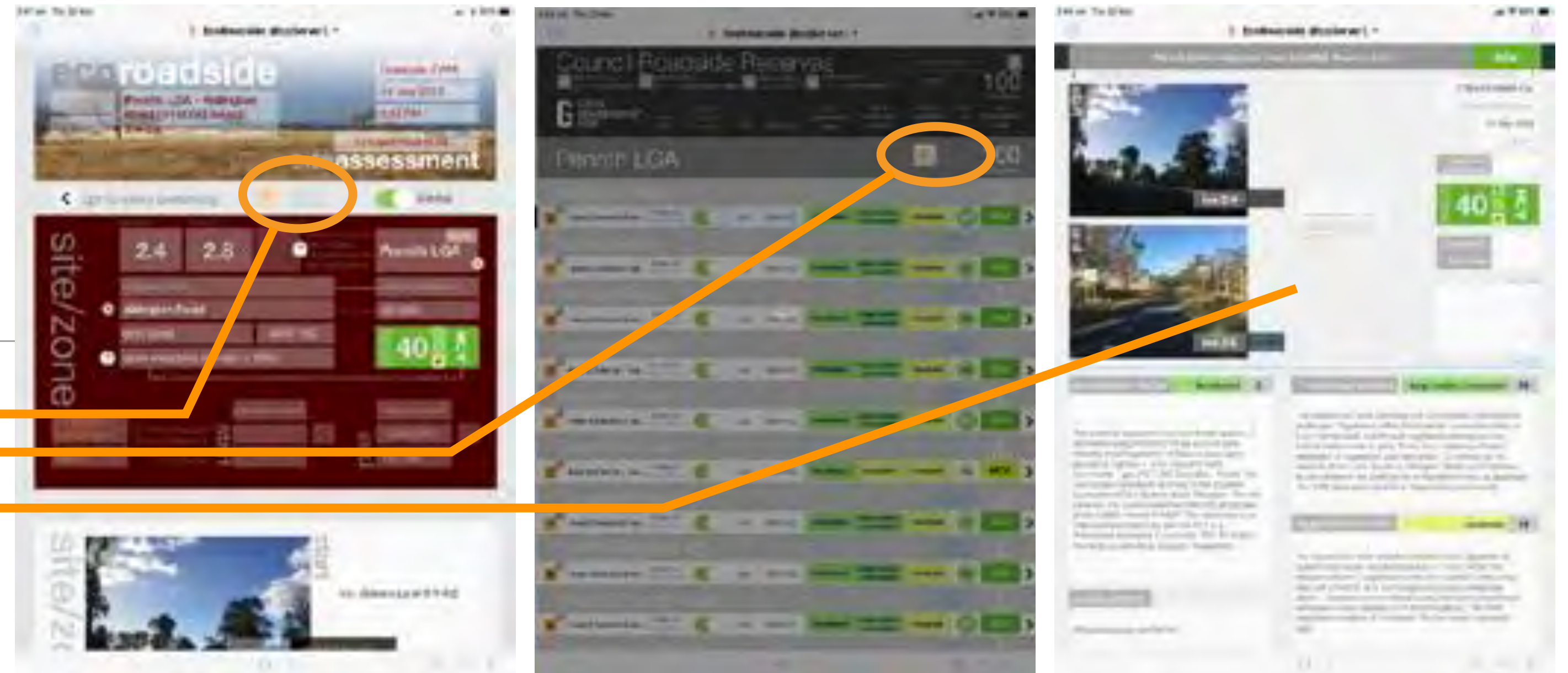
once you have found the set of records you want  
you can print or export site reports as pdf...





# exporting reports

...use the 'view as site report' button  
from the data entry or summary view  
to see a comprehensive site report  
of all the assessment data for each reach or zone





# exporting reports

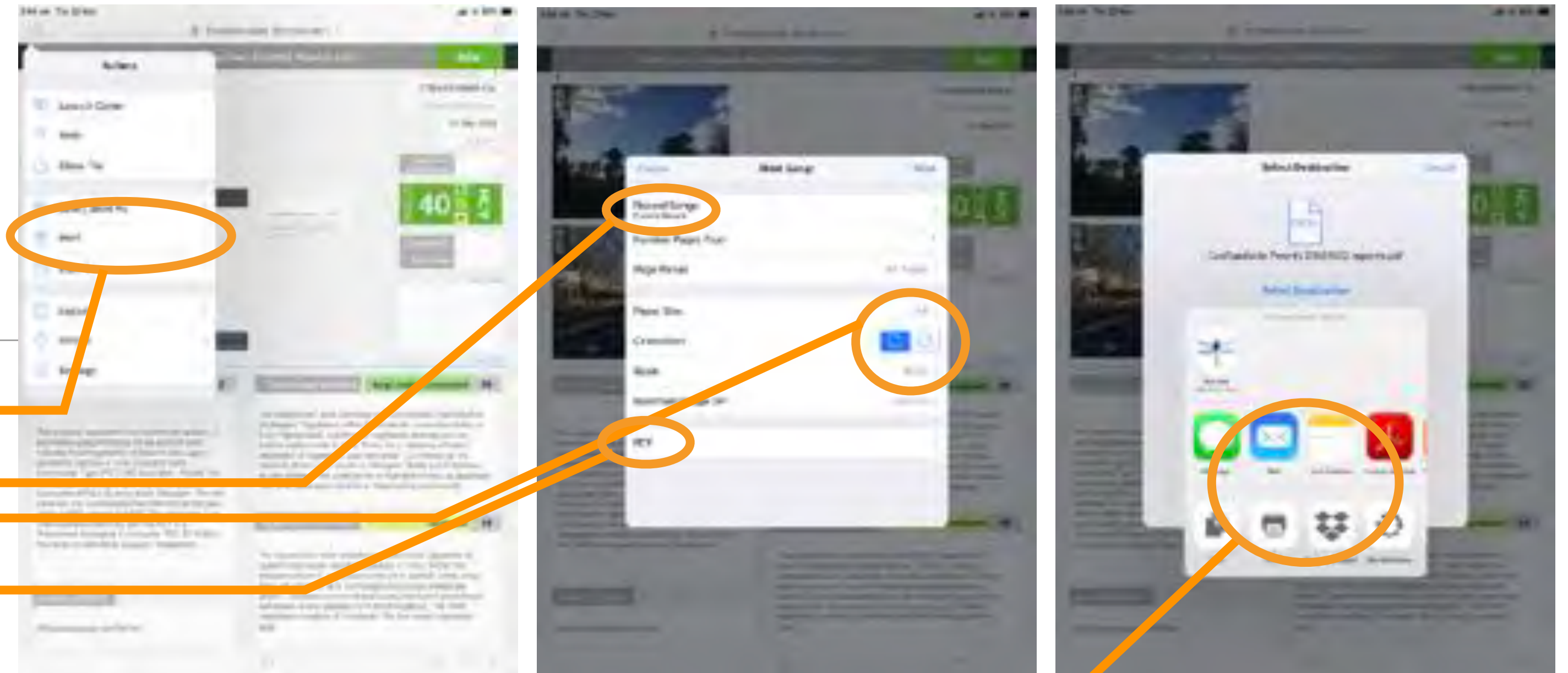
use 'print' to access the pdf function

choose record range and adjust the page setup parameters  
(try 'landscape' and '56%' then adjust if required)

send to a printer or create a pdf document from the site report view

choose the destination:

select a printer  
attach to an email  
save to a Dropbox folder  
or any cloud or file location configurable from your iPad  
or open directly in an app like Excel



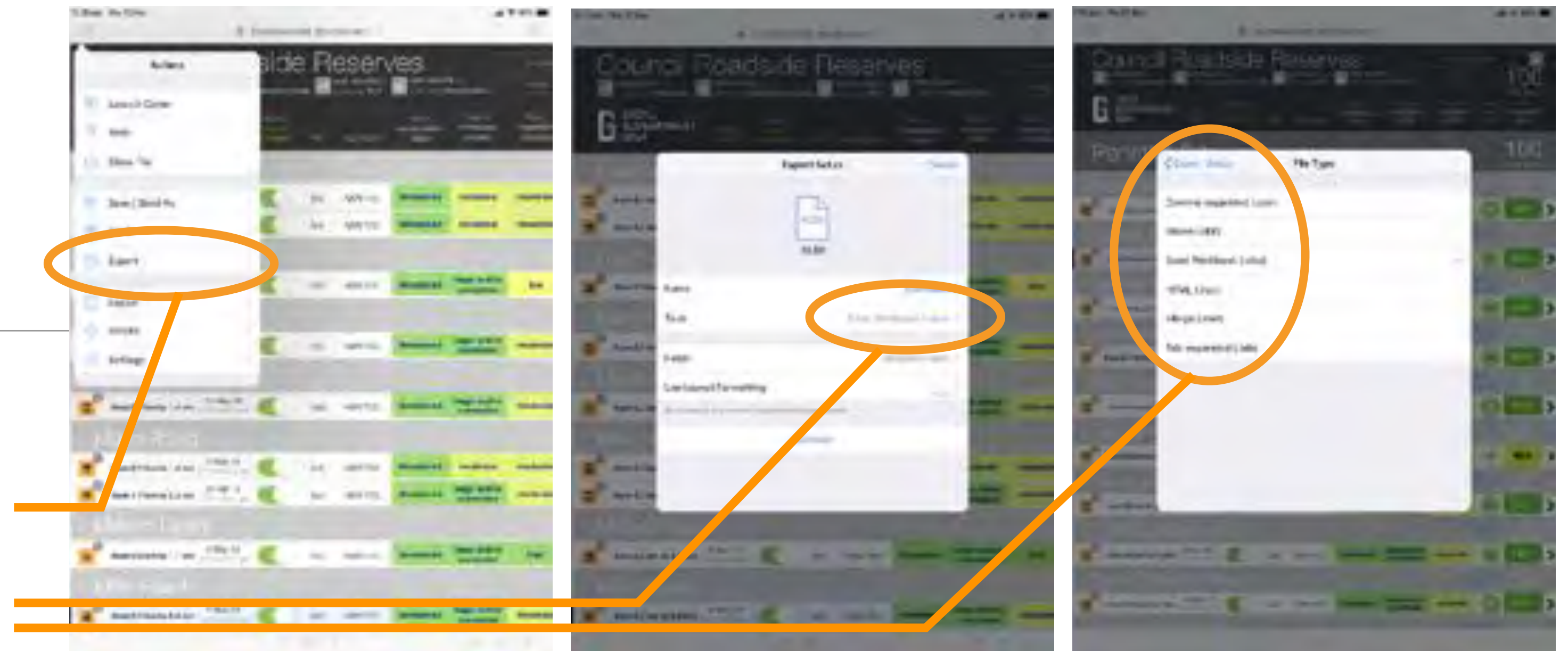
# exporting data for GIS and other systems

data from EcoRoadside can also be exported in tabular formats for geographical information systems (GIS) and other software applications

select 'export' from the drop-down menu

on iPad or iPhone, you can select export formats  
comma separated (.csv) dBase (.dbf the data format used in ESRI GIS shapefiles) Excel (.xlsx) HTML (.htm) Merge (.mer) or tab-delimited (.tab)

Excel format is usually best as it provides full field names  
and imports to ESRI GIS (ArcMap etc)  
comma-separated and dBase are alternatives  
when exporting from web viewer



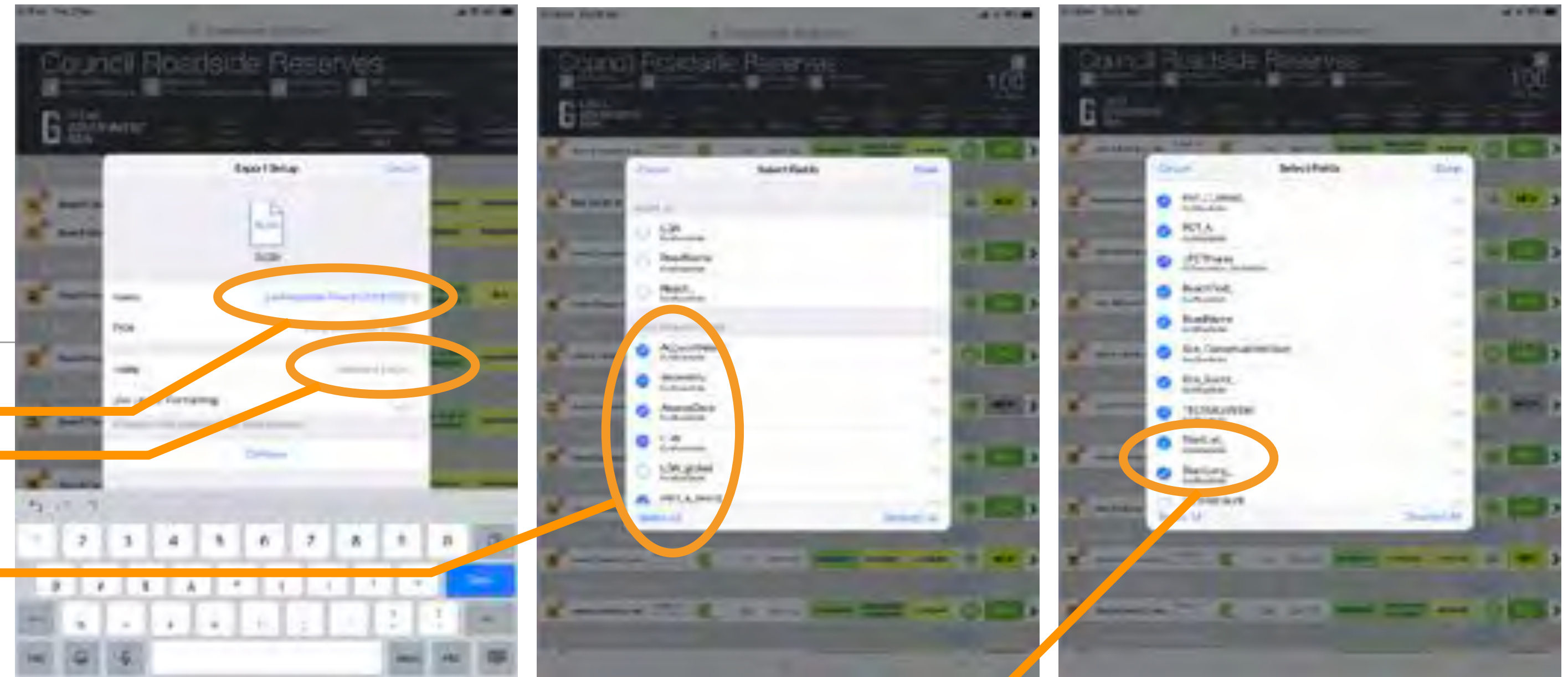


# exporting data for GIS and other systems

you can rename the file to be exported  
and select the to fields include

check/uncheck the fields as appropriate  
(you generally won't need global or summary fields like  
'count' as these will be the same for all records)

for GIS make sure to include the xy coordinate data  
(latitude and longitude fields which are available  
for start and end points)

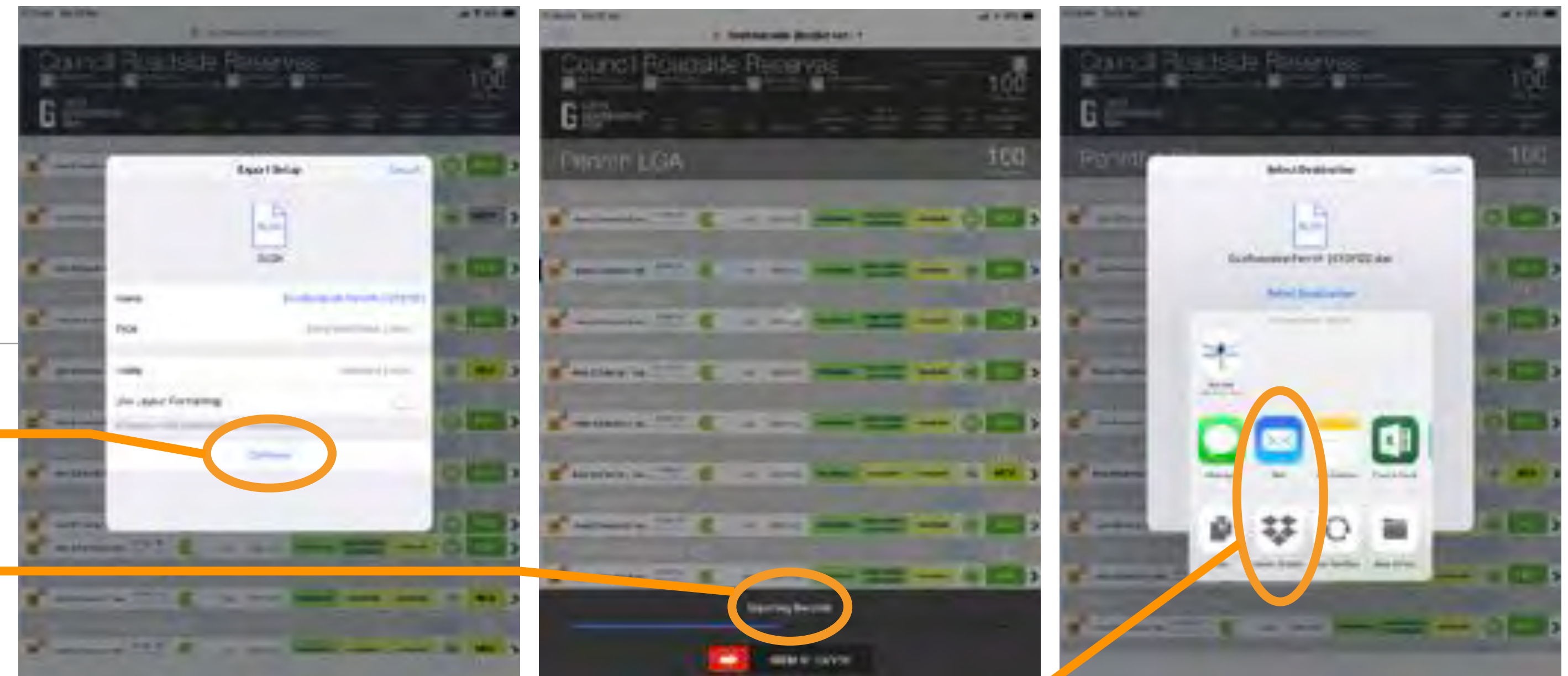


# exporting data for GIS and other systems

once you have selected file name, format and export fields  
select 'continue' to commence the export

remember that this will include all the records in your found set  
(which can be your LGA, or a subset based on any search criteria,  
or just one record)

once the export is done select the destination  
(for example, you can attach to an email  
save to a Dropbox folder  
or any cloud or file location configurable from your iPad  
or open directly in an app like Excel)





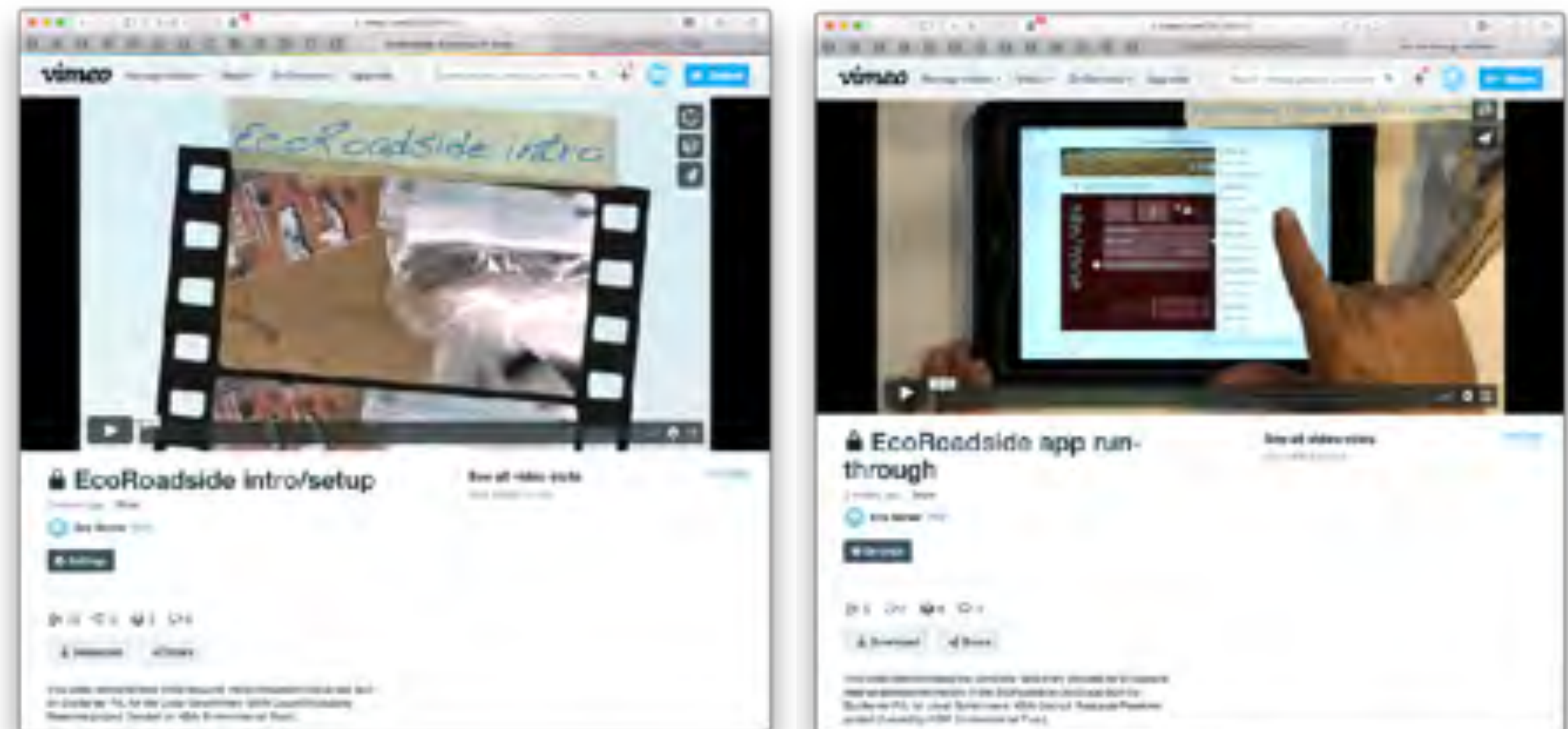
# links to training videos

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EcoRoadside intro/setup video  
<https://vimeo.com/257844213>

EcoRoadside app run-through video  
<https://vimeo.com/258685645>

Apple iPad iOS 11 feature videos  
<https://www.apple.com/au/ipad-pro/how-to/>



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this project has been assisted  
by the New South Wales Government  
through its Environmental Trust

