

EpiCollect Mission Rabies Co-ordinator Guide

Summary

EpiCollect is a free mobile phone application which can be used to collect data on smart phones and then uploaded through WiFi/3G to a central server for analysis. Custom forms are created online and loaded onto the phones as 'Projects'. It is important that the correct project is loaded as this determines what form is used and where the data is sent. Information gathered can include GPS, multiple choice questions (sex, ownership etc), free text and even a photo if needed.

Getting started

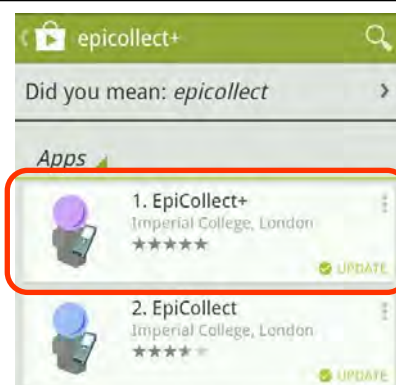
There are two versions:

- **EpiCollect+** - new (all Mission Rabies projects now use this version)
- EpiCollect - old

1. Download the app

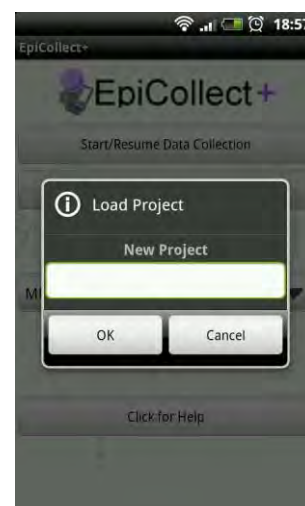
Most Mission Rabies phones already have EpiCollect+ installed, but if it isn't you'll need to download it. To do this search in the Google 'Play store' for "Epicollect+" and installing the app. It can be also found at:

https://play.google.com/store/apps/details?id=uk.ac.imperial.epi_collect2



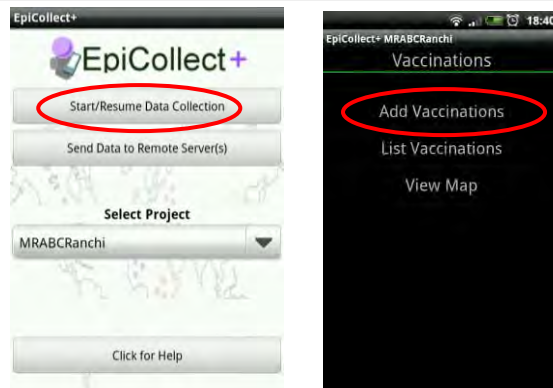
2. Download a project

The first time a project is used on a phone it needs to be downloaded. The project name is unique for each Mission Rabies team and will be given to you by the Mission Rabies UK team. It needs to be entered exactly into the 'Load project screen' (case sensitive). There may be different projects for different functions (vaccinating, surgery, post-vaccination).



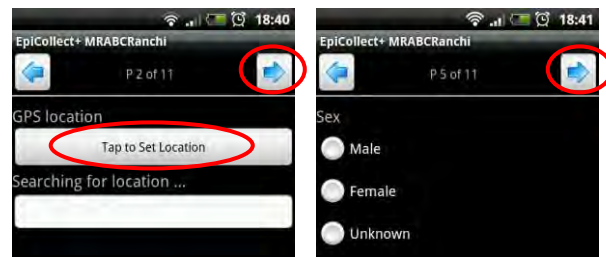
3. Add a test entry

The first time you upload a project to a phone upload a test entry to check it is working. Enter 'test' in the ward section and 'test' and your name in the comment section.



4. Navigation

Navigate through the form using the arrow buttons. Some questions require an answer before you can progress.

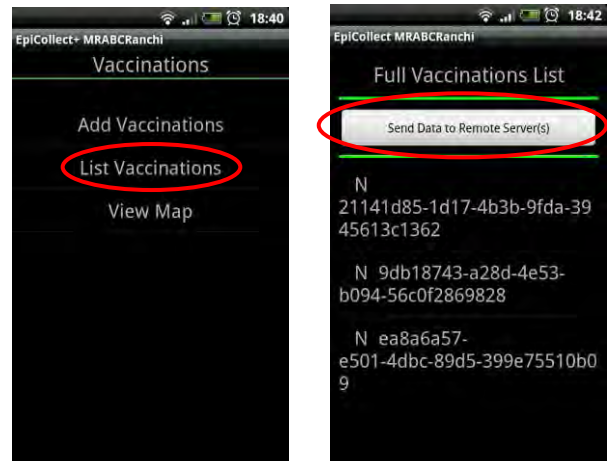


5. The vaccination form

- **GPS:** we would like GPS on every dog vaccinated to allow us to map our work. It may take several attempts to secure a GPS location but if it is taking a long time just move on and log the ward number.
- **Ward:** Enter the number of ward the ward you are vaccinating in. This can change as you move through the city, so ask the local guide to inform you when the ward changes and check frequently.
- **Ownership status:** Many free-roaming dogs caught will have someone who cares for them in some capacity, however “presented y owner” should only be selected if the dog has been **presented by someone who says they are the owner**. All other dogs are recorded as ‘free-roaming’
- **Sex:** male/female
- **Age: All puppies will be vaccinated too.** If the animal looks approximately younger than 3 months choose ‘less than 3 months’. In all other cases choose ‘more than 3 months’. If in doubt, ask the vet.
- **Vaccination and marking:** Choose the option that applies. For example there are options for if the animal has been marked, but wasn’t vaccinated, or if it was taken for neutering.
- **Health status:** If any gross disease is present “sick” here and the next question will prompt you to further define this and take a photo if you wish. If you are unsure ask the vet.
- **Neuter status:** Check the ears for a notch or if the tip is removed to indicate that the dog is neutered.
- **Comments:** Record specific further information relating to an individual animal (illness, treatment etc). If nothing abnormal this can be left blank.

6. Synchronizing data

Once you return to the hotel after every vaccination session it is important that you connect to the WiFi and synchronize the data to minimize the risk of loss.



FAQs

Can EpiCollect+ be used on iPhones?

Unfortunately at the moment EpiCollect+ can only be used on android phones

What if I can't get a GPS?

Ideally we would like GPS information on as many cases as possible as this allows us to map the data more accurately. If this is not possible don't worry, just ensure the ward number is entered correctly and we will be able to locate the animal on a map later.



The EpiCollect website

<http://plus.epicollect.net/>

Here you can

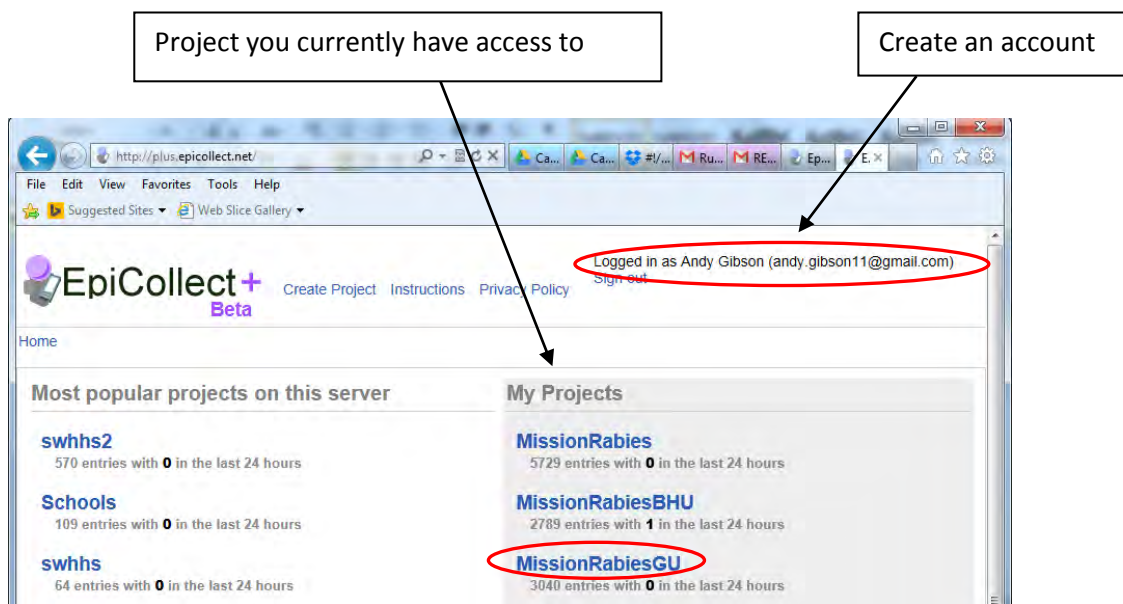
- create new projects and forms
- review and analyse data already collected

First you need to create a log-in and be made an administrator to access your projects.

Contact andy.gibson@wvs.org.uk to request this.

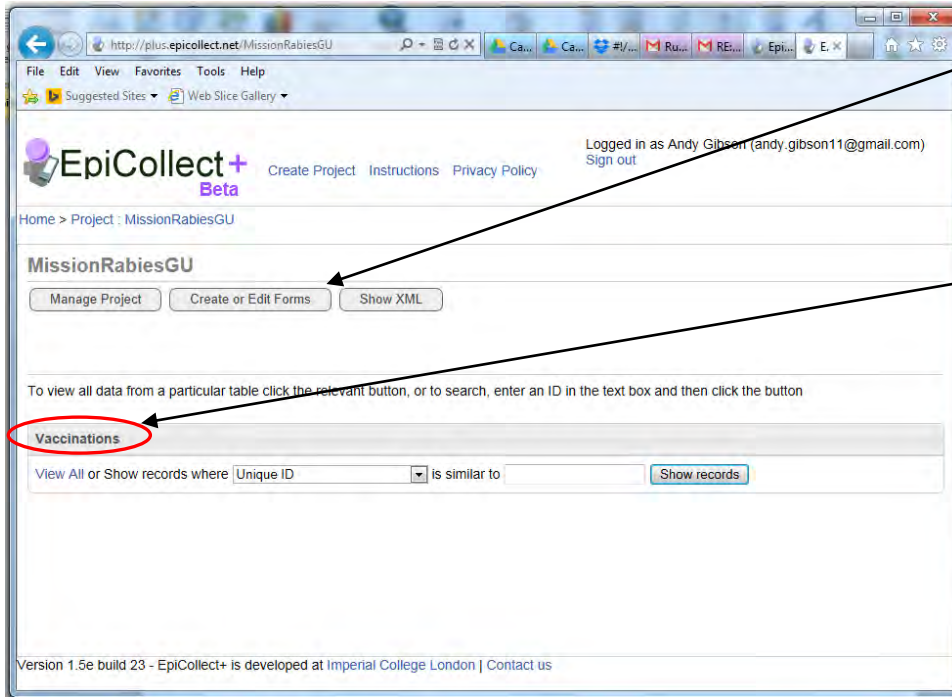
1. The Home screen

Here you can create a log-in, view the different projects that you have access to on the right hand side and create new projects.



2. Project home screen

When you click on one of your projects you come to this screen (the following example is MissionRabiesGU). Here you can create or edit forms or choose to view data that has been entered.

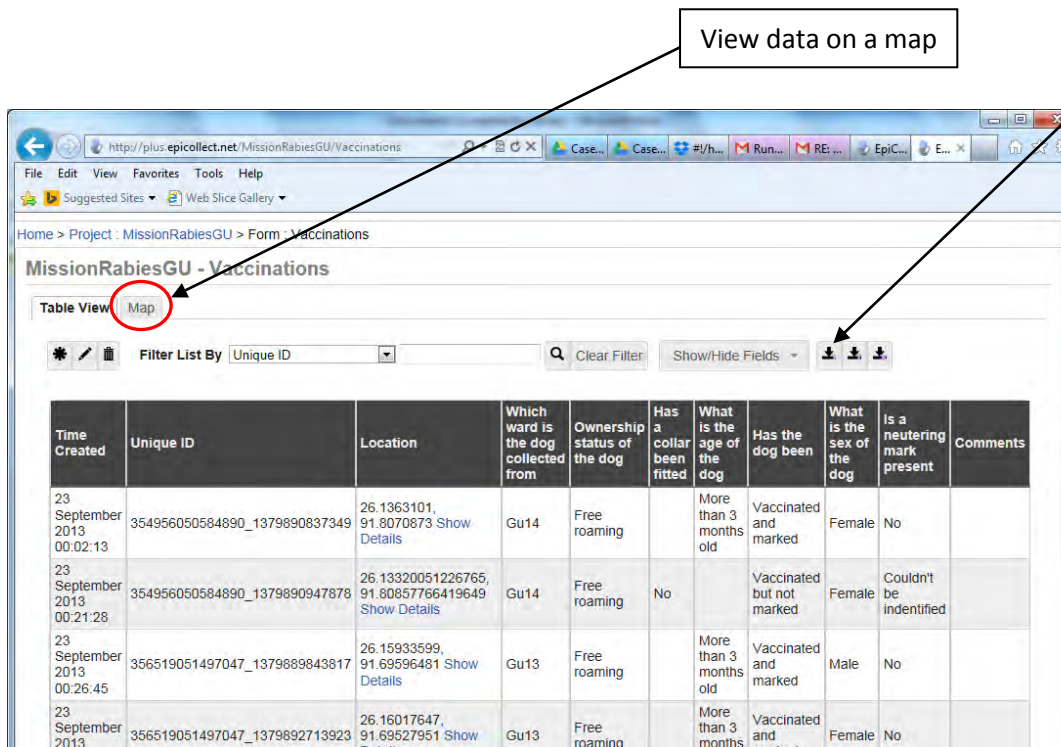


Create a new form

Review data collected on a particular form

3. Tabulated data/download screen

Access this screen by clicking on a form, for example 'vaccinations' in the screen above.



View data on a map

Download data as an XML and import into excel spreadsheet

Time Created	Unique ID	Location	Which ward is the dog collected from	Ownership status of the dog	Has a collar been fitted	What is the age of the dog	Has the dog been	What is the sex of the dog	Is a neutering mark present	Comments
23 September 2013 00:02:13	354956050584890_1379890837349	26.1363101, 91.8070873 Show Details	Gu14	Free roaming		More than 3 months old	Vaccinated and marked	Female	No	
23 September 2013 00:21:28	354956050584890_1379890947878	26.13320051226765, 91.80857766419649 Show Details	Gu14	Free roaming	No		Vaccinated but not marked	Female	Couldn't be identified	
23 September 2013 00:26:45	356519051497047_1379889843817	26.15933599, 91.69596481 Show Details	Gu13	Free roaming		More than 3 months old	Vaccinated and marked	Male	No	
23 September 2013	356519051497047_1379892713923	26.16017647, 91.69527951 Show Details	Gu13	Free roaming		More than 3 months	Vaccinated and marked	Female	No	

4. Map screen

Here you can view the data on a map. You can filter the data by date in the bottom left corner.

Filter by date to see spread in the last few days

The screenshot displays the EpiCollect+ web application interface. At the top, the browser address bar shows the URL <http://plus.epicollect.net/MissionRabiesGU/Vaccinations>. The page header includes the EpiCollect+ logo, navigation links for 'Create Project', 'Instructions', and 'Privacy Policy', and a user login status: 'Logged in as Andy Gibson (andy.gibson11@gmail.com) Sign out'. The main content area is titled 'MissionRabiesGU - Vaccinations' and features a 'Table View' and 'Map' tab. The 'Map' tab is active, showing a map of a region with several data points represented by colored circles (red and green) with numerical values. A legend on the right indicates that red circles represent 'owned' and green circles represent 'freeroaming'. Below the map, there are three filter sections: 'Filter By Time' (highlighted with a red box), 'Filter By Field', and 'Colour By Field'. The 'Filter By Time' section shows a date range from '23 September 2013 00:02:13' to '30 September 2013 01:37:23'. The 'Filter By Field' section has 'Unique ID' selected as the field and 'Value' as the value. The 'Colour By Field' section has 'Ownership status of th' selected as the field. A pie chart on the right side of the map shows a split between red and green, corresponding to the data points on the map. The footer of the page reads 'Version 1.5e build 23 - EpiCollect+ is developed at Imperial College London | Contact us'.

Creating a project

1. Create a project

On the home screen (screen 1) there is the tab at the top “create project”

Enter project name

http://plus.epicollect.net/createProject.html

File Edit View Favorites Tools Help

Suggested Sites Web Slice Gallery

EpiCollect+ Beta

Create Project Instructions Privacy Policy

Logged in as Andy Gibson (andy.gibson11@gmail.com) Sign out

Home > Create Project

Project Definition

Please enter a name for your project - this will act as the name used for your website and also as the name used when entering into your phone to start collecting data.

Once you have created a project you can then design a form for data collection. You can also amend the look and feel of your homepage by adding some explanatory text about your project and upload an image.

Please read the instructions prior to proceeding.

Choose a name for the project; project names must only contain letters, numbers and underscores.

MRABCMadura

Project name available, please click "continue"

Or

Alternatively, upload an existing EpiCollect project definition (advanced users, see instructions)

Continue

- Read the Instructions
- Read our publication
- Leave feedback

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2. Select 'private'

Select private

EpiCollect+ Beta

Create Project Instructions Privacy Policy

Logged in as Andy Gibson (andy.gibson11@gmail.com) Sign out

Home > Create Project

Data Visibility

Here you can specify/change whether you would like your project to be public (i.e. available for anyone to view data via the web) or private (will require a user to login to see data). You can add users to a private project using the 'Managers' and/or 'Curators' tab on the 'Manage Project' screen.

Public I would like to make my project open and visible to anyone

Private I would like to restrict access to users I specify

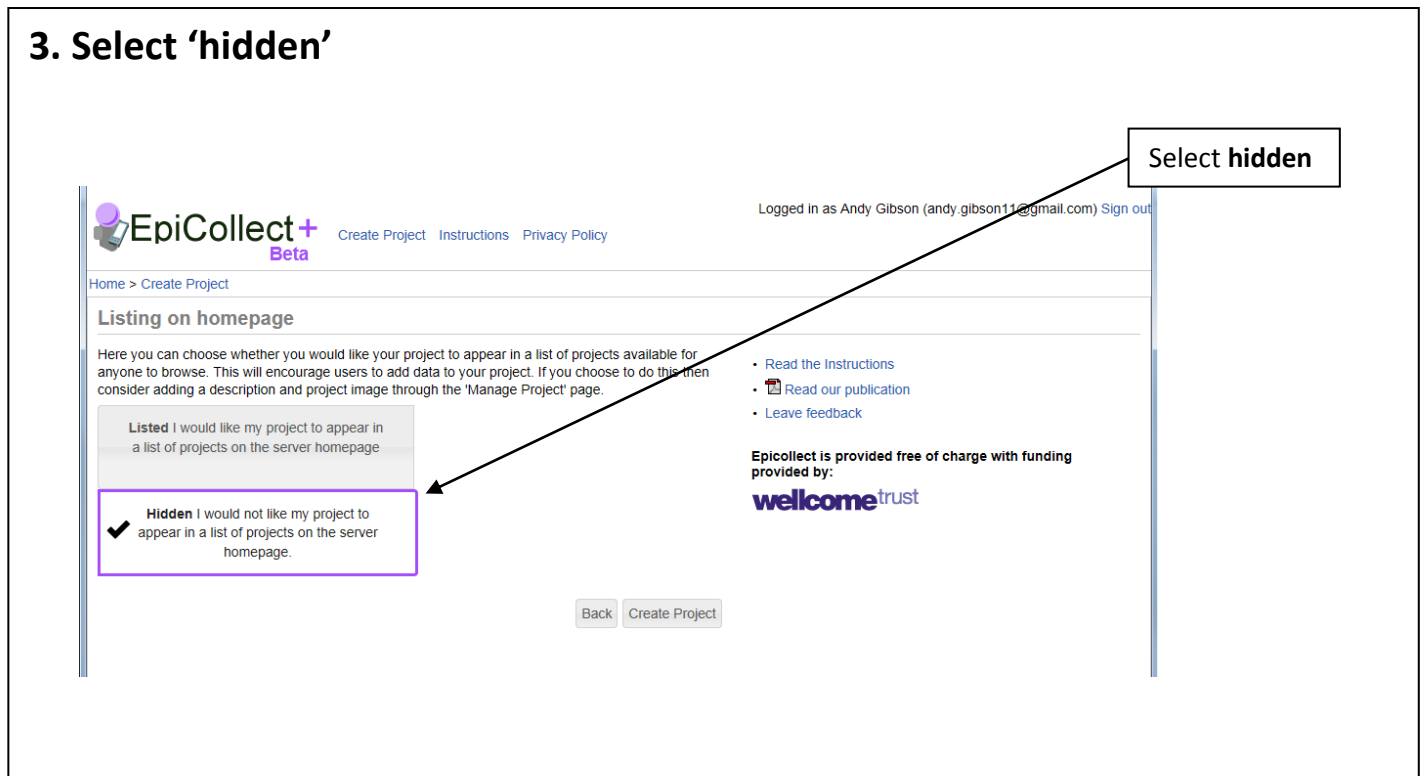
Back Continue

- Read the Instructions
- Read our publication
- Leave feedback

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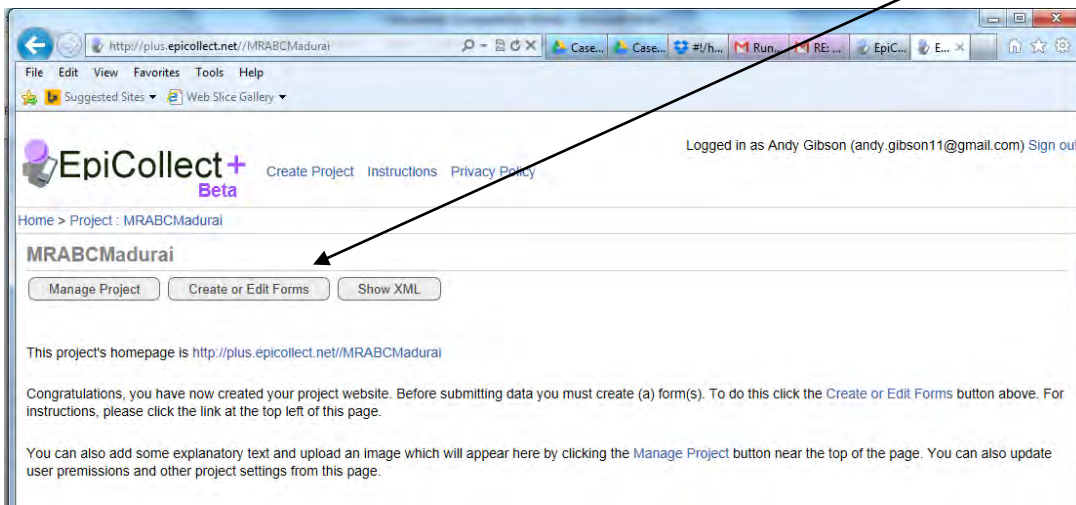
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3. Select 'hidden'

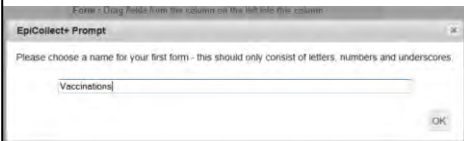


Create a New Form

Create a form



Enter the name of the form (i.e. "vaccinations"). A project can have multiple forms, forms such as others for post vaccination data



Select no unique key

