



Guidelines for the Android and iOS app

# MARINE LITTERWATCH

# General information

Marine LitterWatch (MLW) was developed by the European Environment Agency (EEA).

MLW app is available for both Android and iOS (iPhone) devices. These guidelines are to support the use of the app and last updated 5 May 2014. For more information on MLW aims and updates please go to [http://www.eea.europa.eu/themes/coast\\_sea/marine-litterwatch](http://www.eea.europa.eu/themes/coast_sea/marine-litterwatch).

To check frequently asked questions about MLW or post your questions, visit the [EEA Forum](#). For technical support, please contact [marinelitterwatch@eea.europa.eu](mailto:marinelitterwatch@eea.europa.eu).

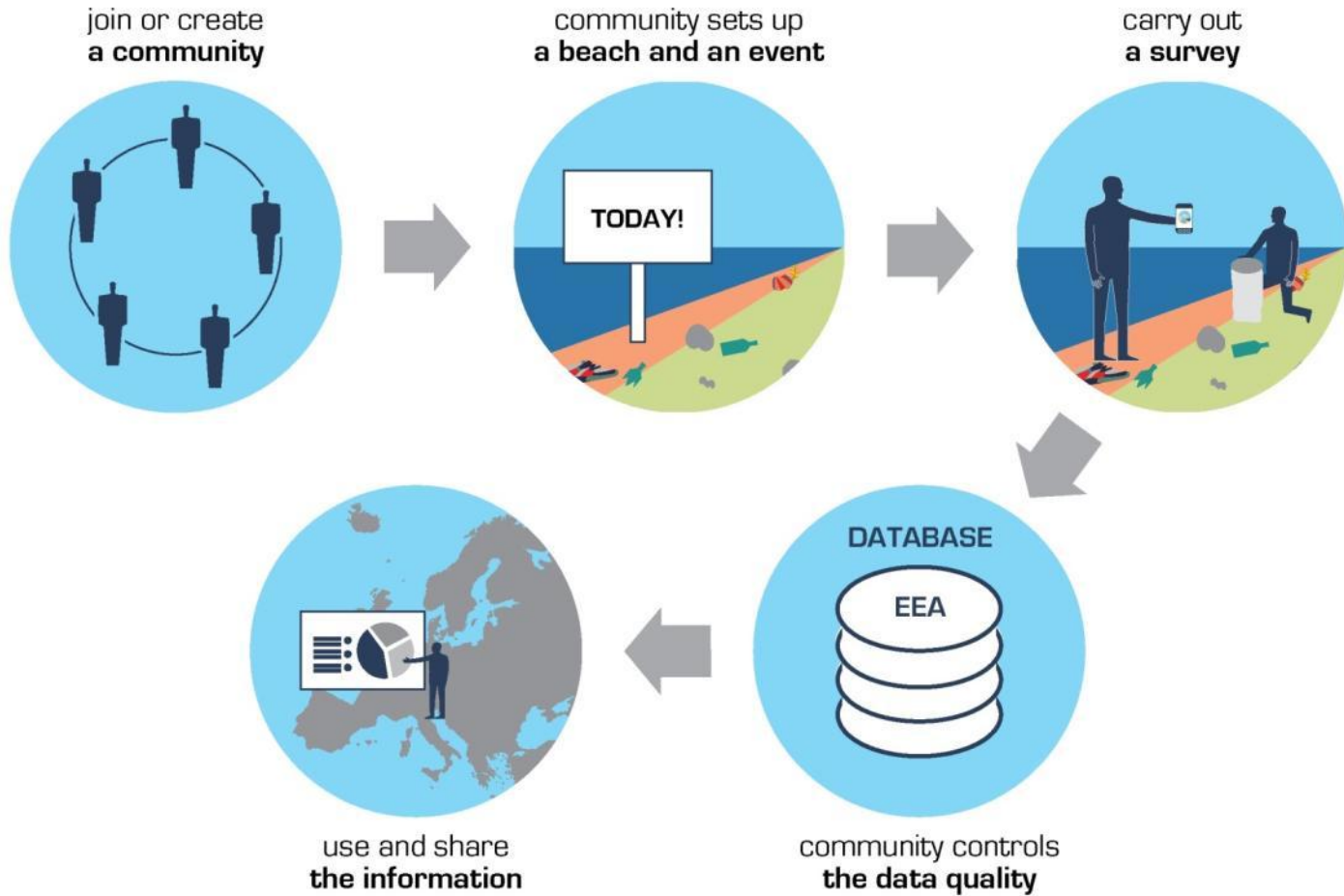
Internet access – we have minimized the need for internet access though it is required during the set-up of beaches/events and when sending data to EEA. During the actual survey internet is not needed. We therefore recommend to prepare your beach and event prior going to the beach.

MLW is available for Android devices and iPhone. It can be downloaded from the [Google Play Store](#) and [App Store](#) free of charge.

Thank you for helping us improve our knowledge about marine litter in Europe!

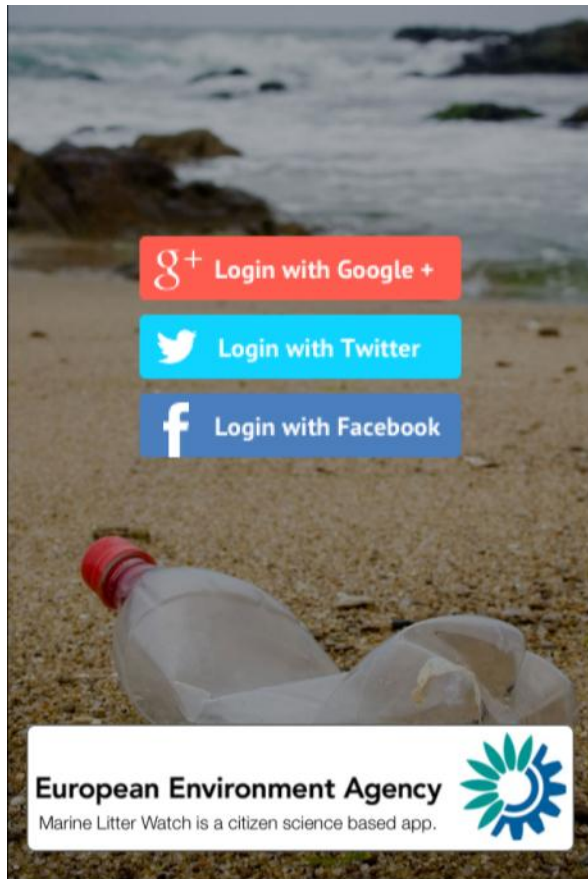


# Marine LitterWatch – Overall approach

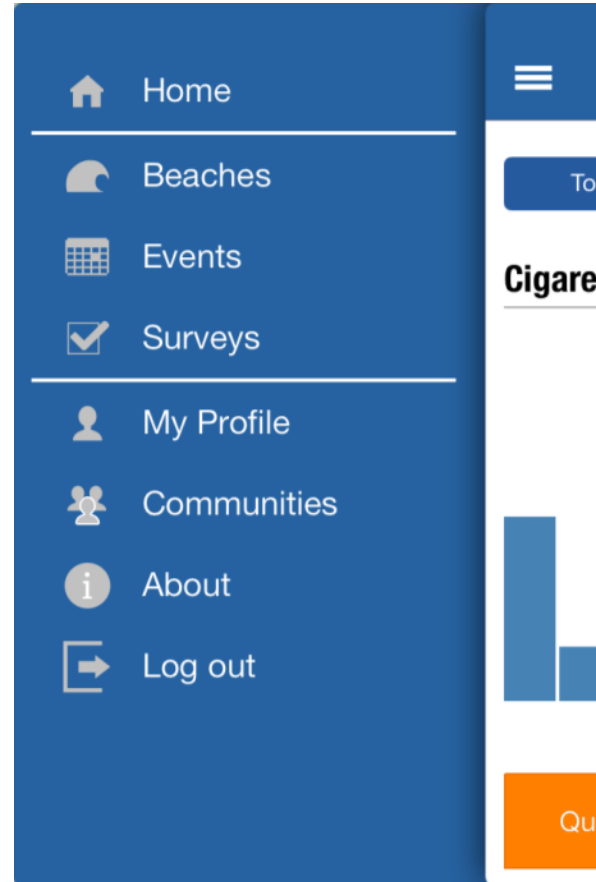


# Setting up your profile (1/2)

## 1) Login with your social media



## 2) Go to your profile – My profile



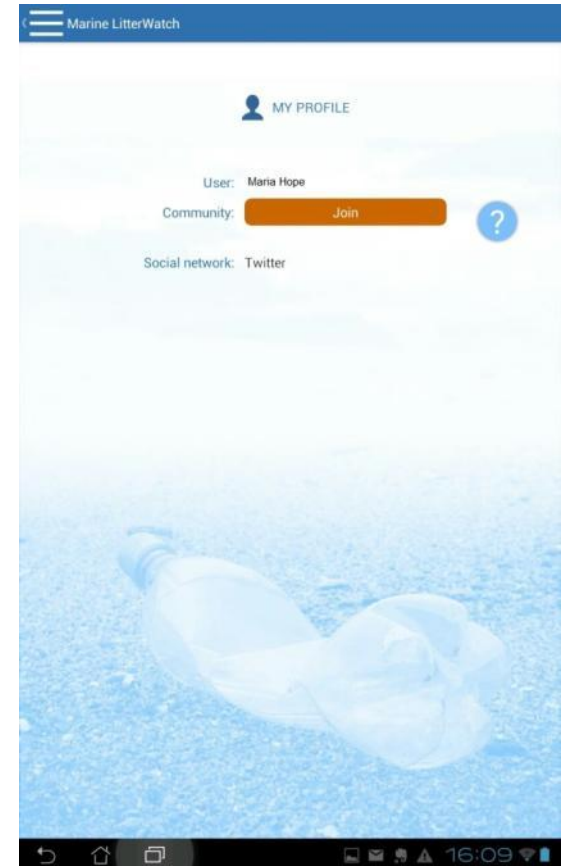
# Setting up your profile (2/2)

## 3) Join or create a community

To join a community in your area, you will need a 'Community Code' which is given to the communities when they register with EEA. Please contact your community for getting the code.

You can also try out the app first and join or create a community later on.

Check if your community is already part of the [MLW user network](#) or in the 'Communities' menu option. If it is not and you would like to join the network, just send us an [email](#).

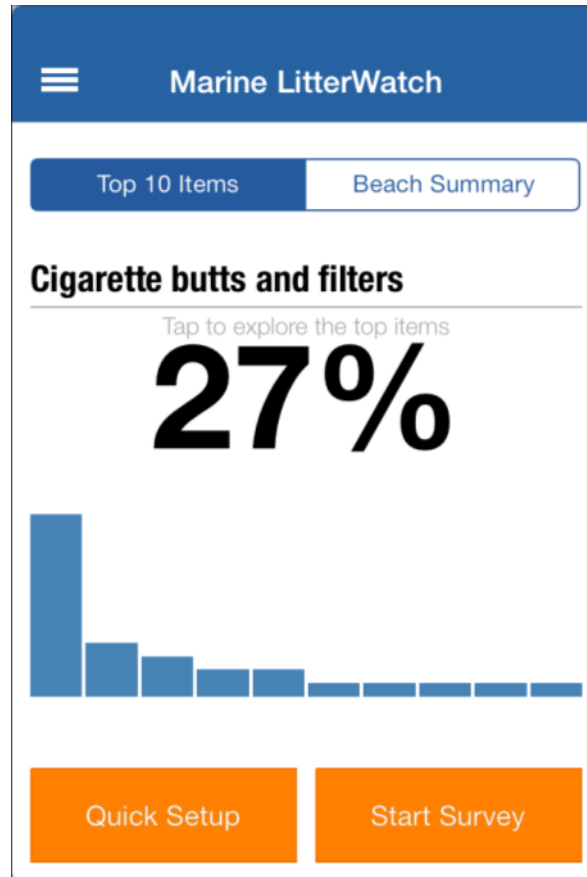


# Using the Home screen - iPhone

In iPhone the entry page (Home) shows you the top 10 items found using the app and a map of past events (blue) or planned events (orange).

The **'Quick Setup'** makes it easy to setup a beach, an event and start a survey in one go. This is usually a task for the coordinators.

Use **'Start survey'** to start counting litter items on the beach directly - useful if you are a volunteer joining an event or if you want to setup the event later.

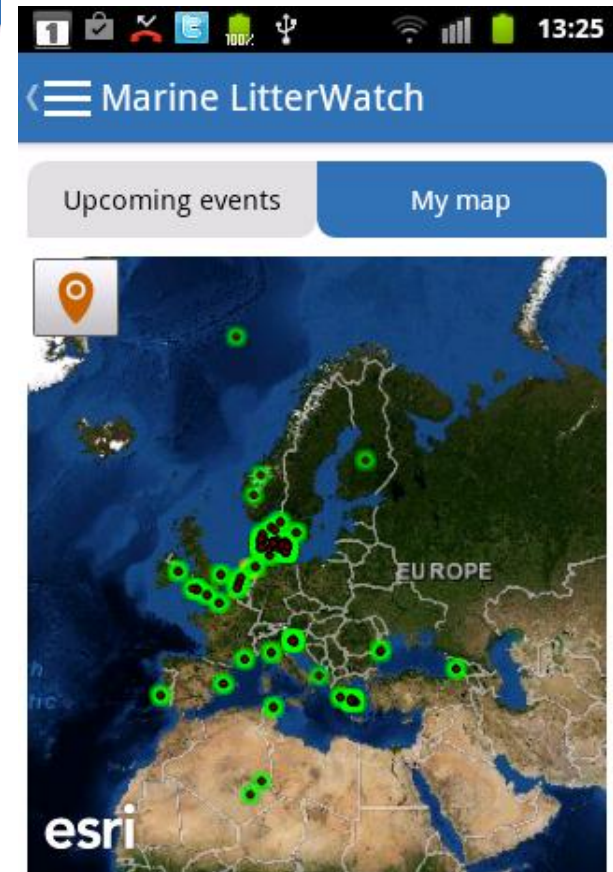
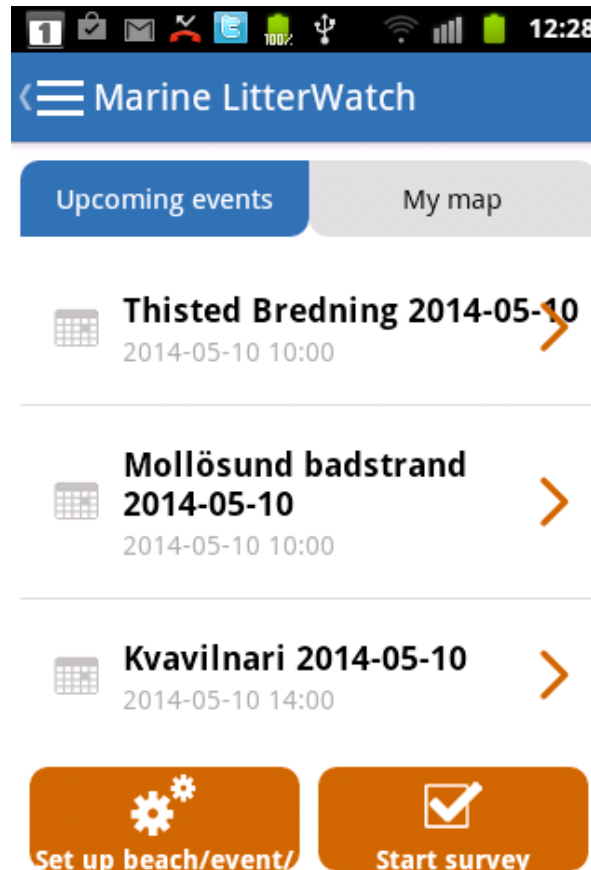


# Using the Home screen - Android

In Android the entry page (Home) gives an overview of upcoming events in your community. The map shows all public events .

The **'Set up beach/event/survey'** makes it easy to setup a beach, an event and start a survey in one go. This is usually a task for the coordinators.

Use **'Start survey'** to start counting litter items on the beach directly - useful if you are a volunteer joining an event or if you want to setup the event later.




# Setting-up a beach (1/2)

A 'beach' is the location where an 'event' is organized and the 'survey' will take place. It only needs to be set-up once if you are organizing several events on it.

Fill in the fields relevant for your beach.

The beach name is mandatory. The length is automatically calculated when you define the beach location on the map (next slide).

Beach type and location are drop-down options.

Cancel	New Beach	Save
PLEASE, FILL IN THE FIELDS...		
Name(*) Bellevue Strand		
Length (meters)	103.550260	
Survey Location		
Beach Type Sandy >		
Beach Location Urban >		
Security Info		

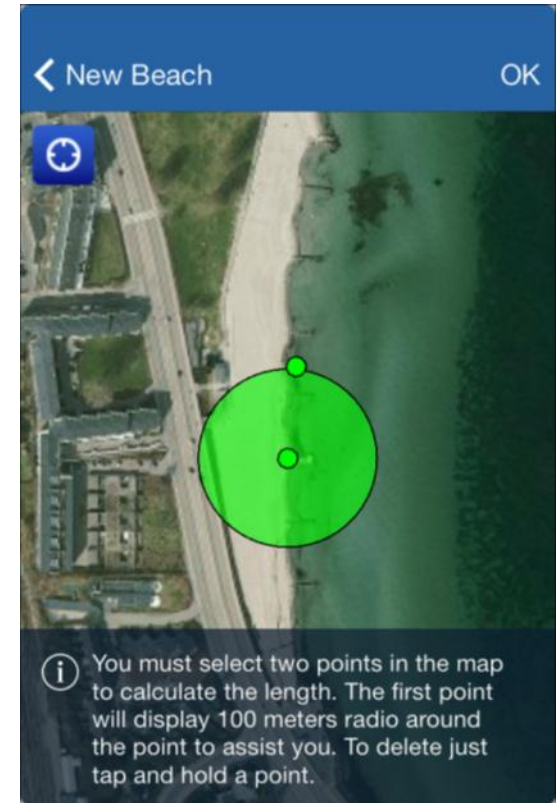
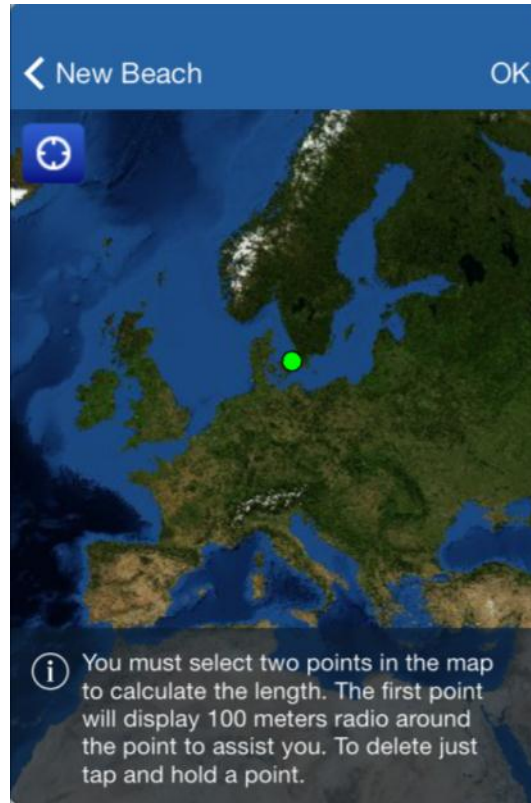


## Setting-up a beach (2/2)

Zoom-in to your beach location – or use the GPS (click on icon in upper left corner of map).

Tap on the map to set the beach start and end point. A point can be moved by tapping on it and moving it. To remove a point use long tap.

A circle around the first point indicates 100 meters distance. This is a guide for setting up monitoring events, where the minimum 'beach' length is of 100m.






# Setting-up an event

An 'event' is the actual monitoring or clean-up event. You need to have set-up the beach first to create an event. Over time, several events can take place on the same beach.

The beach, date and start time are mandatory. By default the event is public – if you make it private it will not be visible for others outside your community.

Once you submit the event, it will be given an **event code** (reload event list and click on your event). Share the event code with your volunteers on the beach. They should enter the code when doing the surveys and hereby linking their survey data to the same event.






Cancel	Edit	Save
PLEASE, FILL IN THE FIELDS...		
Event Code: BGMXB		
Beach: Webinar test >		
Date: 05/05/2014		
Start Time: 12:00		
End Time: 00:00		
Visibility:	<input checked="" type="radio"/> Public <input type="radio"/> Private	
Event informa... Contact event coordinator on phone: 5374 6183		
Attendees co... 0		






# Making a survey (1/2)

A 'survey' is the record of the litter items found on the 'beach' using a list.

The list can be scrolled up and down. The items are organized by type of material. The 8 types of material have different colours to help navigate more easily. Simply type the number of items you find during your survey, or press the + and -

The survey list shows the top 20 items found in Europe's beaches. You can add items from the full list (top right corner on Android, lower right on iPhone) – this is most important for monitoring events. You can also search for an item by typing its name in the search field.

Cancel	New Survey	Save
Artificial polymer materials		
	G3 Shopping Bags	<input type="text" value="2"/> - +
	G4 Small plastic bags, e.g. freezer bags	<input type="text" value="0"/> - +
	G7 Drink bottles <=0.5l	<input type="text" value="3"/> - +
	G8 Drink bottles >0.5l	<input type="text" value="0"/> - +
	G10	<input type="text" value="0"/> - +
Survey Details		Add / Remove

< New Survey Add Items	Done
<input type="text" value="Search in all items..."/>	
Artificial polymer materials	
	G1 4/6-pack yokes, six-pack rings
	G3 Shopping Bags ✓
	G4 Small plastic bags, e.g. freezer bags ✓
	G5 Plastic bags collective role
	G7

# Submitting the survey data (1/2)

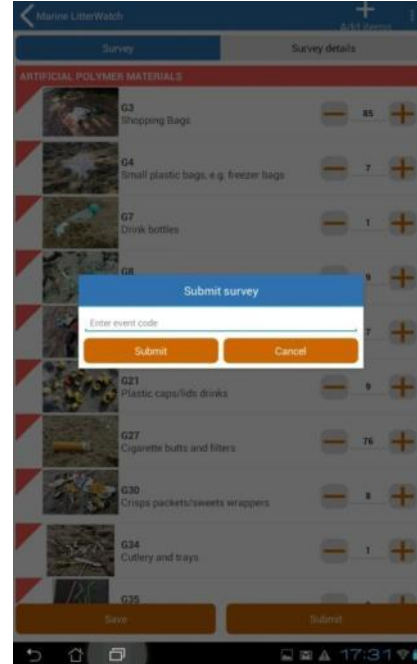
To submit the data you need the event code. This code is generated when creating the event (also see the 'event set-up' slide).

If you don't have an event code, you can start the survey without it and then save the data locally on your device. You can then set-up the event later on and submit the data with that event code.

If you joined a previously set-up event, you need to ask for the event code from the coordinator or the community organizing it to submit the data. The data will be saved locally in your device otherwise.

**Important:** To enter the event code afterwards, Android and iPhone are a little different. In Android a pop-up window will appear but in iOS you need to go survey details to fill in the event code and then save.

## Android



## iPhone

A screenshot of the iPhone survey app interface. At the top is a blue header bar with 'Cancel', 'New Survey', and 'Save' buttons. Below this is a form with the following fields: 'Event Code:' with the placeholder text 'Example placeholder', 'Comments:', and 'Number of pa...' with the value '0'. At the bottom is a white bar with three buttons: 'Survey', 'Details', and 'Add / Remove'.



# Submitting the survey data (2/2)

You can check the submission status of your data in the 'survey' option from the main menu. In Android you long-tap to edit your surveys; on iPhone you just tap.



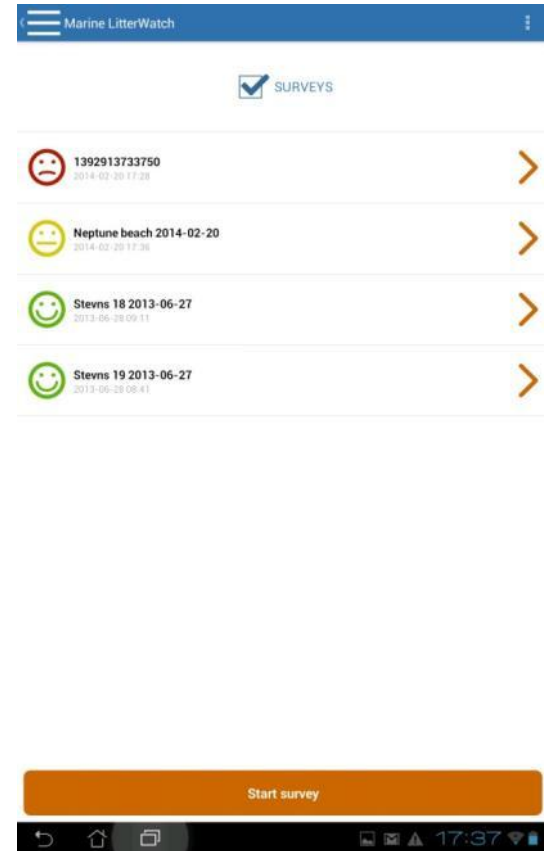
Survey is only saved locally and waiting to be submitted to the EEA database (using event code)



Survey has been submitted to the EEA database but can still be edited and re-submitted (within 28 days)



Survey has been submitted to the EEA database and is finalised.





Thank you for helping us improve our  
knowledge about marine litter in  
Europe!