

MKC and See.Sense Cycling Data Trial

Participant Information

Frequently Asked Questions

Q: What impact will data collection have on my mobile data usage?

There is minimal impact on your data usage by using the See.Sense ICON light. While collecting data, your phone will send one request per second to the server which measures approximately **700 bytes of data**. So for one hour of transmitting data, this would give: 3600 seconds by 700 bytes ~ **2.5 Megabytes/hour**. E.g. if you are on a 1GB mobile data plan, collecting See Sense data for one hour at 2.5MB/hour equates to only **0.25%** of your 1GB data plan. This means that it would take **400 hours** of continuous See Sense data transmission just to use 1GB of data! **NOTE: If you are using two lights, this will double the data usage.**

Q: How do I collect data, is there anything special I need to do?

It is important that you use your lights in conjunction with the See Sense ICON app (download from App or Play Store). The light should now be transmitting data to the See Sense app on your mobile device over Bluetooth. The app then forwards the data to the MK SmartHub.

NOTE: You need to have a compatible Android or iOS smartphone that supports Bluetooth Smart (4.0 and above).

Q: Will I be tracked all the time, even when not cycling?

See Sense ICON bike lights collect data only when they are either flashing or on constant mode and connected to the app. If the light is not on, it is not collecting data.

Q: It appears that my location is being tracked even when I'm not connected to the light?

iPhone users will notice that location services remain on even when the light is disconnected or turned off. This does not mean your location is being tracked by the See Sense app, your location is only transmitted when the light is connected and flashing or solid. Please note that to save battery usage, it is the iPhone user's responsibility to switch off location services on their phones manually when the light is not being used.

Q: Will my MK trial light work with a non-trial light?

Yes. If you previously purchased light or are considering purchasing another ICON while using a MK trial light, both lights will work together and will not interfere with the trial. You can connect both lights and the app will recognise them automatically.

Q: What is my light measuring?

The light is measuring characteristics about the road conditions such as location of potholes, situational information such as near-miss events and also how often cyclists use roads and Redways in Milton Keynes.

Q: Will the app and firmware be updated?

Yes. We will issue updates to the firmware and app on an on-going basis to improve user experience and add new features. When new firmware becomes available, the app will alert you automatically.

Q: Can I see the data I have collected?

Not yet. We will add some data visualisation in a future app release which will give trial participants feedback about their journey. Feedback workshops will be established to share results with the community, either online or face to face at quarterly intervals.

Q: Who will see and use my data?

There are 3 entities involved in the Milton Keynes data collection trial, they are:

1. Milton Keynes council who are facilitating the trial.
2. The Open University who are collaborating with Milton Keynes council to develop the database (MK Data Hub) where your data is stored.
3. See Sense who created the ICON bike lights and who will access and analyse your data.

Your data will not be shared with any other third party and is used solely for the purposes of the trial.

Q: What are the terms of use as a trial participant?

The Terms of Use dictate the following:

- The lights must be attached to your bicycle. Please do not use the lights for any other purpose as the data won't be valid.
- The light(s) must be connected to the app for successful data collection. The light(s) only need to be connected when you are using them.
- You must use your light(s) at least once in any 21 day period.
- You must not disable, modify or misuse the light(s). Please keep Milton Keynes council informed of any damage or loss of equipment.

Please note, if you fail to do any of the above, you will be in violation of the Terms of Use policy. The Cycling Support Team will remotely monitor use of the light(s) to ensure they are being used in accordance with the term of use policy.

Q: What if something goes wrong with my light?

We will endeavour to replace lost or damaged lights but this is not guaranteed. For any technical questions, you can contact See.Sense directly at team@seesense.cc