



## Information Leaflet: TRACT e-mobility trial

### Invitation

You are invited to take part in a research study about e-mobility trial. Participation is completely voluntary. Before you decide if you want to take part, you need to understand why the research is being done and what taking part involves. Please take time to read the following information carefully and discuss it with others if you wish. Please email Dr. Ubaid Illahi at [illahiu@tcd.ie](mailto:illahiu@tcd.ie) if anything is not clear or if you would like to know more about the study before participating.

### What is the purpose of the study?

This study is funded by the Sustainable Energy Authority of Ireland (SEAI) to combat climate change and build a sustainable future. Specifically, this study is focussed on the uptake of electric vehicles (EVs) in Ireland. We plan to study weekly vehicle trips to inform users about the benefits that they could get if they switch to EVs such as emissions that can be reduced, costs that could be saved and much more. Additionally, we ask for some general demographic questions in a survey to categorize and better understand the data. The goal of the study is to analyse the feasibility of transiting to EVs considering real-world travel behaviours.

### Why have I been chosen to participate?

Since you are a responsible resident of Ireland, your contribution is extremely valuable in achieving Climate Change targets and moving towards an environmentally sustainable society. We are interested in studying the travel behaviour of Irish residents who drive a car either for personal use or commercial purpose to check the feasibility of switching to EVs. If you do not currently own a petrol/diesel car or intend to buy one in the near future, you are not eligible for this study and should not proceed.



## Do I have to take part?

It is up to you to decide whether or not to take part. If you do decide to take part you will be given this information leaflet to keep and asked to sign a consent form. If you decide to take part you have the right to withdraw from the study at any time with no questions asked.

## What will happen to me if I take part?

Should you decide to take part in this study, you will need to download and install the TRACT EV app that will be made available in both Android Playstore and Apple Store. Then, you will be asked to give your consent to track your trips. The details of using the app will be provided to you. While the research team will try their best to automate most of the trip data recordings, the available options that require your attention will be explained in detail for your convenience.

Please be assured that you may choose to refrain from using the app at any time without any questions asked. Please reach out to us at any time if you have questions about this.

You will also be asked to complete a survey that allows us to have some basic demographic data that allows us to build driving profiles and categorize the collected data.

Identifying information such as your name and email will not be recorded beyond the direct email contacts between you and the research team. Personal data such as GPS location necessary for data processing will be used only by the research team at Trinity College Dublin and this is compliant with General Data Protection Regulation (GDPR).

Your data will be made anonymous when we receive it and before we enter it into our database. No personal information will be stored. All emails between you and the research team will be deleted upon completion of the data collection and analysis process.



### What are the benefits of taking part?

Although there are no monetary benefits if you decide to participate, we would like to let you know that your participation is an extremely valuable and important contribution towards a resilient and sustainable society.

### What are the possible disadvantages and risks of taking part?

We have taken all measures to minimise any possible risks. We respect your privacy concerns and that is why our research team will ensure that all the information is treated confidentially. We do not ask for any more personal information than is necessary to complete this study. Please be assured that if you wish to discontinue using the TRACT EV app at any point, you can do so without any questions asked.

If you have any questions on this or any other issues, feel free to write to [illahiu@tcd.ie](mailto:illahiu@tcd.ie) and we would be happy to assist as soon as possible.

### Will my participation in this study be kept confidential?

Your participation in this study will be kept confidential apart from any emails between you and the research team. Your data will not be stored with identifying information. The trip data collected through the TRACT EV app will be anonymised. The data from the post-survey will also be anonymised to avoid the identification of any participant.

### What will happen to the results of this research?

The outcomes and the results of this research are planned to be disseminated through publications in international peer-reviewed journals, national and international conferences, and workshops. However, the project is not expected or planned to generate any IP which can be commercialised. Please be assured that your identity will never be disclosed, and



only aggregated vehicle and demographic data will be presented. Nobody will know you took part in this research study.

### What do I do if I have any further questions?

If you have any questions or concerns regarding your participation in this e-mobility trial, please ask Ubaid Illahi at [illahiu@tcd.ie](mailto:illahiu@tcd.ie). He and the research team will be happy to answer any questions you may have.

Thank you!

### Contact Information

#### Postdoctoral Research Fellows

Dr. Ubaid Illahi [illahiu@tcd.ie](mailto:illahiu@tcd.ie)

Dr. Tushar Pramod Choudhari [choudhat@tcd.ie](mailto:choudhat@tcd.ie)

#### Principal Investigators

Prof. Brian Caulfield [Brian.Caulfield@tcd.ie](mailto:Brian.Caulfield@tcd.ie)

Prof. Margaret O'Mahony [Margaret.OMahony@tcd.ie](mailto:Margaret.OMahony@tcd.ie)



## Data Protection Information

Data Controller	Trinity College Dublin
Data Protection Officer	Data Protection Officer Secretary's Office Trinity College Dublin Dublin 2 Ireland Email: <a href="mailto:dataprotection@tcd.ie">dataprotection@tcd.ie</a> Website: <a href="http://www.tcd.ie/privacy">www.tcd.ie/privacy</a>

### What is the lawful basis to use my personal data?

Information will only be used for this research study which aims to contribute towards the uptake of electric vehicles (EVs), which in turn, is essential for achieving the emission reduction targets. The legal basis for processing your personal data is Article 6(1)(e) of the EU General Data Protection Regulation (GDPR).

### What are my rights in relation to your use of my personal data?

You are entitled to request any of the rights below unless it would make it impossible or very difficult to carry out the research study:

- The right to access your personal data;
- The right to receive a copy of your personal data;
- The right to ask us to restrict our use of your personal data;
- The right to ask us to correct inaccurate information about you; or
- The right to ask us to delete your personal data.



You are entitled to object to any further processing of the information we hold about you (except where it is de-identified).

You can exercise these rights or learn more about data protection in relation to this study by contacting the Principal Investigator at [Brian.Caulfield@tcd.ie](mailto:Brian.Caulfield@tcd.ie) or the Trinity College Data Protection Officer (contact details above).

Please note that these rights relate to data which could identify you (personal data). If your data has been anonymised, we will not be able to access or delete it as we will have no way of being able to link the data to you.

If you are unhappy with how we have used your personal data, you can raise a concern with the Data Protection Commission via their online form -

<https://forms.dataprotection.ie/contact> - or contact the Commission at:

Data Protection Commission  
21 Fitzwilliam Square South  
Dublin 2  
D02 RD28  
Ireland  
<https://www.dataprotection.ie>