

RAIM App Survey

Information Sheet

Thank you for your interest in this research. Before you decide if you want to take part, it's important for you to understand why we are doing this research and what it will involve. Please take time to read the following information carefully and discuss it with others if you wish. Visit our website <https://raimproject.org/about/> for FAQ or ask us via email if you would like more information RAIMinfo@Leeds.ac.uk

Research project title:

This research project is called: **RAIM**. Which is the short name for 'Responsible Automation for Inclusive Mobility: Using AI to Develop Future Transport Systems that Meet the Needs of Ageing Populations'

This 36 month research project is funded by the Economic and Social Research Council (ESRC), a national research funding body in the UK. The project is being carried out jointly between the University of Leeds in the UK and the University of Manitoba in Canada.

What is the purpose of the project?

The project will research how electric autonomous vehicles (EAVs) that are made available on-demand might form part of the public transport systems in the UK and Canada. The research aims to consider how EAV's could meet the needs of older people, resulting in improved social, economic, and health outcomes. The research will bring together different types of data, including a survey of the travel and activity of older people: where they go, which routes they use, which stops they get on and get off at.

Using this information the research will measure how EAV's can help meet the travel needs of older people in different situations, over time and with different designs for the EAV service.

Who is leading this Survey study?

This survey is led by Prof. Susan Grant-Muller at the University of Leeds, s.m.grant-muller@leeds.ac.uk

Why have I been invited?

We have invited you because we believe you may be part of the group we are interested in studying and may be a current or previous public transport user.

What do I have to do?

Taking part means allowing us to track your travel for up to 6 months. We will track your travel passively and anonymously by a smartphone app which you download onto your smartphone and that collects data. The app collects data on where you are, what time you travel and what types of transport you use. You should travel as you normally would and not feel pressure to travel by a particular type of transport – there are no right or wrong ways to travel. We would like you to have the app on your phone for a six month period from the time you download it and take your phone with you when you go outside.

To take part you need to download the SESAMO app from the appstore and use the code RAIM23. When you register in the app there is a user consent form and we will ask you to fill out a short survey. This is entirely voluntary and will ask about your: age group, income group, ethnicity, education, past or current employment, household composition, access to a vehicle you can use, ownership of a driving licence, your general health, ownership of a travel pass, travel frequency for

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leisure, frequency of participation in social activity such as theatre, volunteering, eating out, meeting friends and frequency of exercise.

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, please keep this information sheet.

Can I change my mind?

Yes. You can withdraw at any time without it affecting you in any way. You do not have to give a reason. You can also withdraw your journey data and survey data. However, we need you to give us notice of withdrawal within 2 weeks of having completed the survey. This is because we will aggregate the data and after 2 weeks and we will not be able to identify your data.

What are the possible disadvantages and risks of taking part?

- There is a small chance that you might be identified by your pattern of travel. This is unlikely because the data will be combined and we will not publish any sets of travel patterns from any one person. In addition, your personal details will be kept separately from your travel data.
- You may feel anxious about the app not working. If you are having problems or would like to know more about the app, please see the App technical [FAQs](#) page, which includes a contact email address if you continue to have problems.
- You may feel that you have to change the way you choose to travel because you are taking part in the project. We want you to make your own travel choices. You should not make changes to the way you choose to travel just because you are taking part in the project.
- You may be concerned that others can get hold of your data. We will be using the highest level of secure storage at the University of Leeds. The principal researcher will contact you if there is a security intrusion or risks to the security of your data. We ask that you advise us immediately at RAIMinfo@leeds.ac.uk or [insert telephone number] if you suspect a data intrusion. We will take steps to assess the risk and protect your data.

What are the possible benefits of taking part?

This research will further increase our understanding of how EAV's can be part of public transport services and how the EAV services can be designed to bring benefits to older people.

What will happen to my personal information? Use, dissemination and storage of research data

There will be two datasets. One contains your personal details from the registration survey. The second contains your travel patterns collected from the smartphone app. The two datasets will be stored separately to reduce the chance of identification.

All the information that we collect from you will be kept under high levels of data security in the University of Leeds LASER secure data storage and research facility.

We will destroy the dataset containing your personal details at the end of the project.

Your travel data will be anonymised and we will ask permission to use that data in future research in the following 15 years.

Further information on the privacy notice for participating in research at the University of Leeds is available from: <https://dataprotection.leeds.ac.uk/research-participant-privacy-notice/>.

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What will happen to the results of the research project?

The data from the survey will be analysed to create better understanding of the travel patterns of older people over a 6 month period and how EAV services can be better designed to meet the needs of this group of people. The aggregate results of the research will be reported in widely available academic journals and in more accessible form on the web. All published results will be anonymised.

Individual thank-you and compensation

As an individual thank-you for the inconvenience of taking part and recognising that you may need to re-charge your battery more often over time, we are offering everyone who contributes to the study for a six month period a £25 e-shopping voucher (Amazon). You will be free to switch off the app for individual trips for privacy reasons. If no data is collected in the 6 month period we will enter you into a prize draw with the chance of winning a £100 e-shopping voucher instead of providing the individual £25 e-shopping voucher. We ask you to provide your email address or phone number as part of the app registration process so that we can send the voucher if you decide you want to participate in this way. You will still be entered into the prize draw if you change your mind at any point and decide not to continue using the app.

Please retain this information sheet for future reference. If you have any questions, then please contact us at RAIMinfo@leeds.ac.uk.

Finally, thank you for your time - if you have any questions, please contact us.

If you wish to register your interest for the RAIM Mobile Phone App survey please visit the webpage <https://raimproject.org/>