

Title of study: Ride the Autonomous City

PhD Research Study – Department of Geography, Trinity College Dublin

Participation in this study is voluntary and you can withdraw your consent at any time. Please ensure you understand what the study entails and that you consent to participating.

You are invited to participate in a research study. Before deciding, you need to understand why the research is being done and what it would involve for you. Please read this information leaflet carefully. If anything is unclear or you would like more information, please ask questions. Thank you for taking time to decide whether to participate.

DETAILS OF THE RESEARCH TEAM

This study is being conducted by Alexander Gaio forming part of the requirements for a PhD in the Department of Geography, Trinity College Dublin. The research is being supervised by Dr. Federico Cugurullo. Our contact details are included below. The study has been submitted to the School of Natural Sciences Research Ethics Committee for approval.

INTRODUCTION: WHAT IS THE STUDY ABOUT?

The purpose of this study is to gain an understanding of how people riding bicycles will interact with autonomous vehicles by understanding their attitudes, behaviours, and preferences. The purpose of this survey/interview/focus group is to gather data for one aspect of the research project, which seeks to understand attitudes towards autonomous vehicles, behaviours influenced by autonomous vehicles, and the infrastructure preferences of bicycle users.

CRITERIA FOR SELECTION: WHY HAVE YOU BEEN INVITED TO TAKE PART?

You are invited to participate in this research project because you are a stakeholder in an area where there is an autonomous vehicle operating. The procedure involves filling an online survey that will take approximately 7 minutes. You will have the opportunity to participate in future research if you opt-in at the end of the survey.

PROCEDURES: WHAT WILL BE INVOLVED IN TAKING PART?

Participation in the study is entirely voluntary. In the survey portion, your responses are anonymous.

VOLUNTARY PARTICIPATION: DO YOU NEED TO TAKE PART IN THE RESEARCH?

Your participation is voluntary. You are not required to participate in this research. You can withdraw at any time and for any reason, or for no stated reason at all.

WHAT ARE THE RISKS, BENEFITS, AND REIMBURSEMENT ASSOCIATED WITH THE STUDY?

Participating in the research is not anticipated to cause you any disadvantages or discomfort. The potential physical and/or psychological harm or distress will be the same as any experienced in everyday life. There are no anticipated benefits as a result of participating in this study. No reimbursement or remuneration will be provided. Your participation will aid in the ongoing research effort to better understand driverless vehicle and bicycle interaction. The findings from this research will benefit future driverless bus projects and inform future policy.

EXCLUSION FROM PARTICIPATION: WHAT CRITERIA EXCLUDES A PARTICIPANT FROM TAKING PART?

Participants may be excluded from participating if they are not 18 year of age. Those that do not give informed consent will not be eligible to participate.

CONFIDENTIALITY: WILL TAKING PART BE CONFIDENTIAL?

Your identity will remain strictly confidential. Your name will not be published and will not be disclosed to anyone outside the study. You will remain anonymous in any report on the findings of this research. This will be ensured by changing your name and disguising any details in your interview that may reveal your identity or the identities of any of the people you speak about. You are not requested to give your name to the researcher, unless you wish to do so. All information that you provide will only be identifiable by an Interview Code, to protect your identity. No-one outside of the research team will have access to the Interview Code linking you and your information, as this will remain confidential and will be protected under Irish and EU data protection/legislation.

It must be recognized that, in some circumstances, confidentiality of research data and records may be overridden by courts in the event of litigation or in the course of investigation by lawful authority. In such circumstances the University will take all reasonable steps within law to ensure that confidentiality is maintained to the greatest possible extent.

DATA PROTECTION: HOW WILL YOUR INFORMATION BE RECORDED, STORED, AND PROTECTED?

Before taking part in this study, you will be asked to agree to these terms and Informed Consent information explaining your rights and providing details on how the information you provide will be recorded, stored, and protected. Your signed consent form, notes taken on your interview (where applicable), original audio recordings (where applicable), and transcripts of any recordings relating to you will be retained in a secure location in Trinity College Dublin until the expiration of the data retention period (normally 10 years after the end of the project), after which they will be safely destroyed (deleted and/or destroyed). The study is being conducted in line with freedom of information legislation – you are entitled to access the information you have provided at any time while it is in storage (as specified above) using your Interview Code (where applicable). You are free to contact any of the researchers involved in the research at any time to seek further clarification and information.

PROJECT OUTPUTS: HOW WILL YOUR INFORMATION BE USED?

Anonymised data and disguised extracts from your interview may be combined with others and used/discussed in a PhD thesis, conference presentations, working papers, journal articles, books, and other academic publications. Research results can be shared with participants before publication, should you request to be notified of the results.

WHO SHOULD YOU CONTACT FOR FURTHER INFORMATION?

You may access your own data at any time under the Freedom of Information Act, 2014.

IF YOU HAVE ANY QUESTIONS ABOUT THE STUDY, PLEASE CONTACT:

Alexander Gaio, PhD Research Student, Department of Geography, Trinity College Dublin

Email: gaioa@tcd.ie

Telephone: +353 (0)89 476 8995 or +1 647 677-9632

Dr. Federico Cugurullo, Ussher Assistant Professor, Department of Geography, Trinity College Dublin.

Email: cugurulf@tcd.ie

Telephone: +353 (0)18 964 915