

INFORMATION NOTICE ON DATA PROTECTION

The FragMent Project

The aim of the FragMent project is to determine the influence of environmental exposures in everyday life on psychological and physiological stress, as well as on stress-related social inequalities. Using three distinct approaches, we aim to understand how different environmental and social factors contribute to stress, and to identify groups potentially more vulnerable to these effects. Our first approach combines online questionnaires and mobile tracking to continuously measure the environments to which participants are exposed during their daily activities and their associated stress levels. The second approach uses qualitative methods through citizen focus groups, and the third approach consists of a series of virtual reality experiments to examine the impact of urban environments on stress.

The purpose of this information notice is to inform you about the collection, use and protection of your personal data in the context of this study.

We are committed to ensuring that all personal data is processed in accordance with applicable data protection legislation. This includes, in particular, compliance with the European Union's General Data Protection Regulation ("GDPR"), No. 2016/679, as well as the Law of 1 August 2018 organising the National Data Protection Commission and implementing the GDPR.

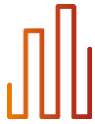
WHAT PERSONAL DATA DO WE COLLECT?

Your participation in our study involves the collection and processing of various types of personal data, which are essential for achieving our research objectives. Depending on the purpose of the research and the approach taken, we may collect the following data:

- **Identification data:** Your name, age, gender, nationality and other socio-demographic information;
- **Location data:** We collect information about the places you visit, including your home, workplace and regular routes, in order to assess the impact of different environments on your well-being;
- **Economic and financial data:** These data, including income level and occupation, help us to understand how socio-economic factors influence stress and well-being;
- **Behavioural and personal data:** Your lifestyle habits, preferences, physical activity and social interactions are analysed to study their impact on your mental and physical health;
- **Specific categories of data:** With your explicit consent, we collect data about your physical and mental health via questionnaires and physiological measurements, in order to deepen our understanding of the impact of urban environments and your lifestyle on your well-being.

WHAT ARE THE AIMS OF THE TREATMENT?

The data collected will be analysed to broaden our understanding of how exposure to environments affects physiological and psychological stress, as well as to examine the social inequalities associated with these stress factors. The aim is to contribute to research into psychological well-being and public



health, by drawing conclusions about the interactions between individuals and their everyday environments.

By taking part in this study, you are helping to encourage progress in research into environmental health and urban psychology, which in turn will help to guide future studies and public policies aimed at improving the quality of life in urban areas.

HOW LONG DOES THE TREATMENT TAKE?

Your data is collected on the basis of your consent, in accordance with articles 6.1.a and 9.2.a of the RGPD. This implies that you voluntarily choose to participate in this study and that you can withdraw your consent at any time, without any impact on you or on the data already used in the research to date.

HOW IS DATA COLLECTION ORGANISED?

Data collection is initiated by a campaign led by LISER, combining the dissemination of press releases with an active presence on social networks, with the support of municipalities and various partners (e.g. associations, citizens' groups, etc.). The aim of this approach is to create a panel of volunteers willing to take part in the project. Once this panel has been formed, participants will be invited to take part in various surveys designed as part of the FragMent project. Before starting each survey, you will receive an information leaflet designed for the survey in which you are going to take part, as well as a consent form.

Following collection, your data will be pseudonymised. This means that direct identification data will be kept separate from the data collected via the survey. The pseudonymised data is then accessible to the LISER research team, which analyses the results of the survey.

WHO IS AUTHORISED TO CONSULT OR ACCESS YOUR PERSONAL DATA?

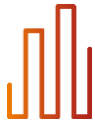
Access to your personal data is restricted to the following categories of persons, depending on the nature of the data and in the context of their respective duties:

- For directly identifying data (surname, first name, e-mail address): Only authorised staff within LISER have access to this information. They use a coding system to associate your personal data with a unique code allocated for the study, thus guaranteeing the confidentiality and security of your information;
- For pseudonymised or aggregated data: This data is accessible to the LISER research team analysing the data. In addition, they may be shared, in pseudonymised or anonymised form, with researchers or public sector research organisations (such as LIH, the Institut Luxembourgeois de Science et de Technologie (LIST), the University of Luxembourg, the French National Institute of Health and Medical research (Inserm), etc.) in order to meet the objectives of the study or for future scientific research.

In addition, we may use subcontractors to carry out certain services on our behalf. When we engage such partners, we ensure that a data processing agreement is concluded between the parties, drawn up to guarantee that the processor complies with data protection and security requirements, in accordance with Articles 28 and 32 of the GDPR.

HOW DO WE PROTECT YOUR PERSONAL DATA?

LISER is committed to ensuring that the processing of your personal data complies with legal security requirements. Appropriate technical and organisational measures are put in place, adapted to the



sensitivity of the data processed, to guarantee a level of security proportionate to the risks of loss, unauthorised access, fraudulent use, disclosure, alteration or destruction of your information.

Your data will be treated as confidential and will be pseudonymised, i.e. a confidential code will replace your name. This code, which does not allow direct identification, will be used exclusively for the scientific processing of your data. At no time will your identity be disclosed in public documents or to other institutions. The correspondence table establishing the link between the reference code and your e-mail address will be kept confidential and secure by authorised LISER members, separately from other study data. Access to this correspondence table is limited to a restricted number of people.

In addition, LISER applies the principle of data separation, storing identification data on the one hand, and research data on the other, in separate secure storage areas, in order to limit as far as possible the risks of participants being re-identified.

HOW LONG DO WE KEEP YOUR PERSONAL DATA?

LISER undertakes to keep your data in a form that enables it to be identified for no longer than is necessary for the purposes for which it is processed. In concrete terms, your data will be kept for a period not exceeding 10 years from the end of the project. At the end of this period, the data will be anonymised, making it irreversibly impossible to identify you.

The results of this study may be communicated and promoted at various academic conferences and forums. We undertake not to divulge, expose or publish any information likely to reveal the identity of the participants.

DO WE TRANSFER YOUR DATA OUTSIDE THE EUROPEAN UNION?

No data transfer outside the European Union will be performed.

WHAT ARE YOUR RIGHTS REGARDING YOUR PERSONAL DATA?

You have the following rights concerning your personal data, which you can exercise in certain cases by contacting our Data Protection Officer (DPO) at the following address: dpo@liser.lu.

- **Right to withdraw consent:** You have the right to withdraw your consent at any time without any disadvantage. However, please note that withdrawing your consent after your data has been processed will not affect the lawfulness of the processing carried out prior to such withdrawal;
- **Right of access:** You have the right to request access to the personal data that LISER holds about you;
- **Right of rectification:** If your personal data is inaccurate or incomplete, you have the right to request that it be corrected;
- **Right to erasure:** You may request the deletion of your personal data in certain circumstances;
- **Right to restrict processing:** You have the right to request a restriction on the processing of your personal data, in particular where the data is inaccurate, the processing is unlawful, or LISER no longer needs the data;
- **Right to object:** You have the right to object to the processing of your personal data, in particular for reasons relating to your specific situation;



- **Right to data portability:** You have the right to receive your personal data in a structured, commonly used and machine-readable format, and to transfer this data to another data controller.

If you are not satisfied with the way in which your personal data is processed, you have the right to lodge a complaint with the CNPD (National Data Protection Commission) using the following form: <https://cnpd.public.lu/en/particuliers/faire-valoir/formulaire-plainte.html>.