

## Call for applications for a doctoral contract Nantes Université

The LEMNA (Laboratoire d'Economie et de Management de Nantes Atlantique) is looking for a candidate to start a thesis on the following topic: "Carbon neutrality, nudges and social norms: Evaluation of the Net Zero Cities programme".

This thesis will be funded for 36 months in the form of a doctoral contract provided by Nantes Université, starting on October 2023. This thesis will be carried out under the supervision of Pierre-Alexandre Mahieu (IAE Nantes, <https://sites.google.com/site/pamahieu/home>) and François-Charles Wolff (IAE Nantes, <https://sites.google.com/site/francoischarleswolff/wolff-francois-charles>). The thesis will focus on the evaluation of the NetZeroCities pilot programme (<https://netzerocities.eu/>), which will be implemented by Nantes Metropole in 2024 and 2025 and which aims to support the carbon neutrality of its inhabitants through innovative approaches.

An experiment will be carried out on a sample of at least 1,000 respondents, with a system of repeated monthly surveys to measure the carbon impact. The feedback received from participants will be nudged to define the best information base throughout the experiment to optimise the impact of the programme. The thesis will use discrete choice experiment approach to measure individual preferences for decarbonisation and rely on controlled experimental approaches to assess the causal effect of the nudges implemented during the experiment. The results of the thesis will help policy makers to determine the most appropriate policies to reduce carbon emissions. The evaluation will be carried out in the framework of a research partnership between Nantes Université through the LEMNA (Pierre-Alexandre Mahieu, François-Charles Wolff) and the Gustave Eiffel Université through the Federation TEPP (Theory and Evaluation of Public Policies).

The candidate must have obtained or be about to obtain a Master's degree in economics (environmental economics, psychological economics, etc.) or in applied econometrics, with a strong knowledge of quantitative methods related to evaluation.

Interested candidates are invited to send their CV to Pierre-Alexandre Mahieu ([mahieu-pa@univ-nantes.fr](mailto:mahieu-pa@univ-nantes.fr)) and François-Charles Wolff ([francois-charles.wolff@univ-nantes.fr](mailto:francois-charles.wolff@univ-nantes.fr)). Exchanges will be organised as the competition progresses. The official competition organised by the EDGE Doctoral School to award this doctoral contract will take place at the end of June.