

CoMobility - Newsletter 15

March-April 2023

- The CoMobility project has been nominated in the ['Polish Prize for Intelligent Development'](#) competition. The results will be announced during the Smart Growth Forum 2023 in Uniejów. We are keeping our fingers crossed for the success of our team!
- On 17 March 2023, from 9.30 a.m. to 1.45 p.m., the third Workshop for Local Governments took place, entitled. *'Urban Climate! – How External Factors Such As Noise And Air Pollution Affect Our Quality of Life.'* Fifty-seven local government officials attended the workshop. Thank you for coming in such large numbers. The keynote speaker at the meeting was MD Natalia Olszewska, who spoke about research on the impact of noise on the quality of life in the city and the health of its inhabitants. The discussion and workshop part of the event was led by Magda Kubecka, Marta Trakul and Wiktoria Mockańo from the 'On-Site' Foundation. Finally, Professor Iwona Stachlewska from the Faculty of Physics, University of Warsaw. Materials from the meeting are available at this [link](#).
- In March (15-16.03.2023), the whole consortium met again to take stock of the work done so far and to set directions for further activities. This time, we met in Warsaw, and the main organiser was Dr Jakub Zawieska from the Warsaw School of Economics Warsaw. You can watch a report on the meeting [HERE](#), and we describe below what work has been completed in each part of the project (WP).
- We have posted material on our website about recent speeches and scientific publications on the project:
 - Anna Nicińska talked about our research in a podcast in the Campus Science series. We invite you to [listen to](#).
 - Katarzyna Archanowicz-Kudelska presented the results of the qualitative research at the platform activity seminar 'Economics And Management of The Logistics and Mobility Sectors,' which she summarised at this [link](#).
 - Magda Kubecka from the 'On-Site' Foundation spoke at a working group seminar on air quality, in collaboration with the ESCA working group. A note of the meeting is available [here](#).
 - Maciej Grzenda, Marcin Luckner and Przemysław Wrona from the Warsaw University of Technology have published the article ['Urban Traveller Preference Miner: Modelling](#)

[Transport Choices with Survey Data Streams.](#) The publication appeared in [Lecture Notes in Computer Science.](#)

- In WP2, under the leadership of a team from the 'On-Site' Foundation, a new intervention is planned for which the city has found implementation capacity and supporting procedures. According to interviews, parents felt that the most interesting and beneficial intervention would be to close the streets around schools. Unfortunately, for traffic organisation reasons, this is not possible now. The creation of low-emission zones is also a topic of discussion with representatives of the City of Warsaw.
- 'On-Site' Foundation team points to the importance of selecting partner schools and their locations with future *citizen science* projects. They highlight the critical role of implementing educational activities to analyse the results of the work together with children in schools. Summaries of the work in this part of the project are underway.
- At WP3, chaired by Pål Wilter Skedsmo, work on the *Success Stories* summary has been completed. The summary appeared in the publication [FNI Policy Briefs](#) issue 2/2023. You can also read them on [our website](#). Four focus groups were conducted in January 2023, and the interviews conducted using this method were transcribed into almost 400 pages of transcript answering the question: 'How are journeys for Warsaw families who do not own a car organised?' Two contrasting perspectives on public transport in Warsaw emerge. One in which this type of transport is more of a freedom choice, the other in which it is a significant handicap. In the next step, a manuscript synthesising a literature review on the determinants of car ownership will be produced in collaboration with a team from SGH and UW, a manuscript synthesising a literature review on the determinants of car ownership will be produced.
- WP4, under the direction of Dr Jakub Zawieska, completed the first round of interviews with experts, surveys with parents of school-age children, and questionnaires to measure the transport choices of parents of school-age children. The next wave is scheduled for May – June 2023. We are preparing the survey content for it. In the meantime, we are developing economic analyses of revealed and declared transport preferences. In this section, we anticipate five publications – two on preferences revealed in surveys, one on qualitative research, and articles on research data.
- Two new researchers have joined the SGH team: [Radosław Antczak and Joanna Jaczewska](#).
- In WP5, data were collected and analysed as a combination of: questionnaire interviews on trips taken (travel diaries), data on available transport links, travel delays, parking time, cost of parking, difficulty of parking, air quality (in terms of negative impacts on cycling and walking), travel comfort. Parameters from the decision trees were incorporated into the machine modelling of the

reported travel segments and the route from and to home. The results are presented in Deliverable 5.2. The next step will be to compare how the choices of the children's parents differ from those of other Warsaw residents.

- Environmental modelling is carried out in WP6, particularly concerning traffic – related air pollution in Warsaw. Maps are being produced showing the pollution within each road. The models are currently being validated with real data.
- The project plans to produce a total of around 13 scientific articles. Most of these are short manuscripts, answering specific and relatively narrow research questions. These will be integrated into a more extensive summary on the methods used and the impact of the overall project on the state of scientific knowledge about the relationship between transport choices and air quality.
- The public sharing of the data we plan to put on the FigShare platform was discussed. In the collection, you can expect a description of how the observations were collected, subsets prepared by each institution, and links to the articles using them. Radosław Antozak will coordinate the survey data, Amirhossein Hassani will be accountable for the Airly air quality and weather sensors, and Arkadiusz Drabicki will be responsible for machine modelling results.
- The first scientific publications from the project have appeared on the project website. We encourage you to familiarise yourself with them. These can be found under [‘Scientific articles.’](#)
- Plans for the next few months:
 - A series of meetings in the ‘Round Table’ form where students and officials participating in the urban labs exchange knowledge and experiences gathered during the co-creation and implementation of interventions in the project school setting, is planned for June 2023.
 - The fourth edition of the ‘Workshop for Local Governments’ is to be held in September 2023 in Kraków, Poland. The meeting is planned to be stationary.
 - Smaller teams are working on further scientific publications and preparations for the summer conference season, during which team members will share their research findings with the scientific community.
 - We have started work to make the data and results of the project publicly available. The data is currently being anonymised. A wider release is planned for spring 2024.

CoMobility benefits from EUR 2.05 million received from Iceland, Liechtenstein and Norway under the EEA funds. The project aims to provide a package of tools and methods to co-create sustainable mobility in urban areas.