

MOBICLUS

MOBICLUS dives into the daily journeys of employees in Luxembourg's industrial and urban zones to design smarter, greener, and more enjoyable mobility solutions.



PROJECT

Inspiration

Urban mobility is at a crossroads. In industrialized and densely populated zones like those in Luxembourg, everyday commuting practices have a significant impact on quality of life, environmental performance, and business efficiency. MOBICLUS was launched to explore a key question: how do employees move around daily – and how can those journeys become more sustainable, more efficient, and more pleasant?

Innovation

MOBICLUS is a data-driven research project that combines scientific analysis with real-world application. Its unique approach is based on two complementary surveys: one directed at human resources departments, and another anonymized survey targeting nearly 1,000 employees across several partner organizations. The goal is to build a robust, ground-level understanding of current mobility habits, challenges, and expectations.

By mapping these insights, LIST researchers are developing tailored mobility scenarios that take into account environmental performance, quality of working life, and logistical fluidity. The project also explores the barriers to change and identifies concrete levers for action, using a human-centered and participatory approach.

Impact

MOBICLUS is a strategic tool for employers and policymakers. Its results will be synthesized into an interactive decision-support dashboard. This platform will allow users to:

- Explore mobility scenarios adapted to their workforce and location
- Measure the environmental and societal impacts of different options
- Inform corporate and institutional mobility strategies
- Evaluate improvements in employee satisfaction and well-being

This project strengthens the bridge between scientific research and private-sector engagement in climate transition efforts. It brings together sustainability goals, data science, and the lived experiences of employees to co-create actionable solutions for mobility transformation.

Partenaires

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