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News

Innovation and Industry

Sustainable mobility | Environmental Analysis of Transport

Urban zones account for more than 65% of the world's energy consumption and more than 70% of CO2 emissions. To accelerate the ecological transition, one of the priorities, therefore, will be to focus actions on towns and cities. It is against this backdrop that the European ELABORATOR project, in which the IFPEN Transports Energie Carnot Institute is actively involved, is testing innovative strategies designed to help cities reduce their climate impact by fostering zero-emission mobility solutions shared by all.

ELABORATOR is a European project (The European Living Lab on Designing Sustainable Urban Mobility Towards Climate Neutral Cities), coordinated by the ICCS (Institute of communication and computer systems, Greece) for a period of four years. It brings together 38 partners including research centers, among them IFPEN via its Transports Energie Carnot Institute.

Within the general framework of the European Union's Cities Mission, ELABORATOR is aimed at developing a holistic approach for the planning, design, implementation and roll-out of innovations and specific interventions for safe, inclusive and sustainable urban mobility.

Various actions will be conducted in six Lighthouse cities (Milan, Copenhagen, Helsinki, Issy-les-Moulineaux, Zaragoza and Trikala) and six Follower cities (Lund, Liberec, Velejne, Ioanninna, Split and Krusevac) across Europe.
Teams from the IFPEN Transports Energie Carnot Institute will focus on using mobility data collected in Issy-les-Moulineaux to help define monitoring indicators.

Read the press release (*PDF 211 Ko,)*

ELABORATOR: a laboratory supporting sustainable mobility in European towns and cities
07 July 2023

Link to the web page :