

Automated mobility in smart cities of the future: test and experiment your artificial intelligence (AI) solutions for the automated and connected vehicle in urban and suburban environments.

The **LNE**, **IRT SystemX**, **Université Gustave Eiffel** and **UTAC** have joined forces within the framework of the European project **TEF Citcom.ai** to provide companies with subsidized testing and experimental frameworks, available through a **unique portal**.

ELIGIBILITY

SMEs, very small firms and start-ups established in Europe and who develop innovative solutions in this field:

- Manufacturers of cameras, on-board captors, mobility systems, driver and passenger monitoring systems, etc.
- Developers of AI algorithms, databases or building-blocks for automated and connected vehicles.

GRANT APPLICATION

Any SME, very small firm or start-up needing to qualify an AI-based system can be eligible to apply for a grant within the Citcom.ai project. The grant takes the form of an attractive discount, which is **directly applied** to the price of provided services.

TARGETED SERVICES

Trials and evaluations aiming to secure the use of AI, to enhance its performances and guaranty its reliability:

- Simulation tests of the digital engineering solution according to adjusted testing scenarios, in order to test the product in multiple environments.
- Virtual reality tests to assess the features of the product in a given environment.
- Real-world tests to challenge the innovative solution and check its resistance to physical constraints (mobility, obstacles, etc.).
- Data-based evaluation of the reliability of AI-based algorithms and systems.
- Assistance in the definition of AI-based system evaluation plan.
- Certification of AI development processes to adapt methods ahead of the implementation of AI regulations.
- Cybersecurity tests to ensure the safety of components used.
- Techniques on product development.

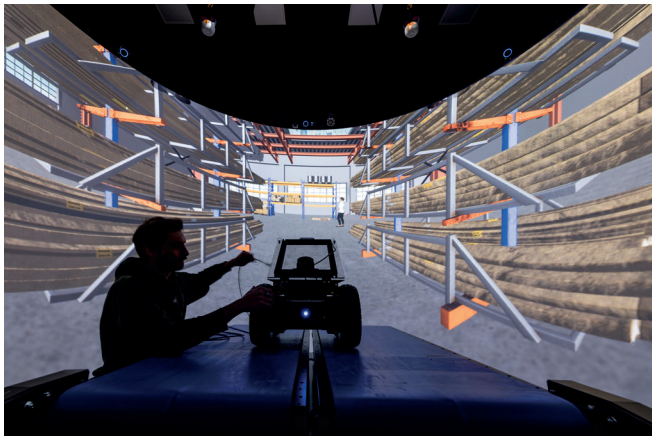
The Citcom.ai project provides specific technical support customized for each need (design, prototyping, etc.), with the ability to raise awareness on possible challenges, to define new evaluation methods and develop new testing tools.

TESTING TOOLS AVAILABLE

Coordinated in France by the LNE, this project offers access to all know-how and testing tools of the LNE, IRT SystemX, Université Gustave Eiffel and UTAC:

- Qualified and annotated databases.
- Virtual reality laboratory, dynamic and immersive platforms.

- Instrumented vehicles and tracks.
- Simulation cockpits, simulators and software specific to simulations and physical trials.
- Calibration bench testing.



LEIA platform (Laboratory for the Evaluation of Artificial Intelligence) - LE.IA Immersion.
© LNE



TEQMO, testing centre dedicated to automated and connected vehicles, with access to 5G mobile network.
© UTAC.



Facilities in UGE: From virtual to controlled environment experimentations.
© Université Gustave Eiffel.



DebiAI: data exploration platform for detecting bias and defects.
© IRT SystemX



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FOR MORE INFORMATION

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