



European project department

5G-MOBIX

5G for cooperative & connected automated MOBility on X-border corridors

About the project

5G-MOBIX develops and tests automated vehicle functionalities using 5G core technological innovations along multiple cross-border corridors and urban trial sites, under conditions of vehicular traffic, network coverage, service demand, as well as considering the inherently distinct legal, business and social local aspects. The project is evaluating the benefits in the CCAM context as well as define deployment scenarios and identify and respond to standardisation and spectrum gaps.

The expected benefit of 5G will be tested during trials on 5G corridors in different EU countries as well as China and Korea.

Several automated mobility use cases are potential candidates to benefit from 5G such as cooperative overtake, highway lane merging, truck platooning, valet parking, urban environment driving, road user detection, vehicle remote control, see through, HD map update, media & entertainment.



5GMOBIX



VEDECOM's role in the project

VEDECOM is in charge of the overall coordination of the deployment of the different corridors and trial sites. As WP4 trials leader, VEDECOM is in charge of the coordination of the execution of the trials on each local site and CBC as well as the data collection to provide for the Evaluation WP. VEDECOM also leads the French trial site for which it will provide small electric, connected and autonomous vehicles (incl. OBU), develop the 5G infrastructure as well as the centralized control centre.

- WP4 Trials leader
- French Trial Site leader
- Task leader



Partners

58 Partners in the consortium



Budget

21 410 205,15 €



Project Coordinator

ERTICO



Type of project

H2020 - **Innovation action** (IA)

VEDECOM team involved :

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