

# 5G Connected Car Test Track

**Objective:** To create a test and certification centre for 5G vehicle communications. With this European reference laboratory, the objective is to develop solutions based on 5G and V2X technology for the development of use cases for the connected car.

**Description:** Telefónica and Dekra have created an open innovation centre with two areas: an outdoor circuit for Spanish frequencies and a hangar with a private network for other types of frequencies. In this centre, proofs of concept are carried out to lead to commercial launches around vehicular communications. Thus, the outdoor circuit is equipped with 5G infrastructure to perform proofs of concept and 5G use cases in real scenarios with the frequencies used in Spain. In addition, thanks to the agreement with the Junta de Andalucía and the city council of Malaga, the startups of the La Farola crowdworking centre in Malaga also have access to these facilities with the aim of boosting the entrepreneurial ecosystem on V2X technology.

The hangar, equipped with LTE-5G network infrastructure as a laboratory, is offered to companies that use frequencies other than the usual ones in Spain for testing the correct operation of 5G services in other environments. Some of the lines of activity with this technology that are being developed at the Malaga Centre will include on-board connectivity and services; advanced navigation and infrastructure; vehicle monitoring and maintenance; payment automation; safety and accident prevention; and assisted driving and autonomous vehicles.

[Press release](#)

