



C-ROADS SPAIN

In 2017, Spain joined the European project C-Roads (Connected Roads), promoted and co-funded by the European Union (Connecting Europe Facility programme, contract number INEA/CEF/TRAN/M2016/1362448). The goal of this project is to lay the foundations for the use of cooperative intelligent transport systems and autonomous driving systems, including the autonomous vehicle, as well as guaranteeing the Europe-wide inter-operability of these systems, with the final aim of improving road safety.

C-Roads Spain includes the development of five pilot programmes of intelligent systems in Spain:

- **DGT. 3.0:** This programme will analyse the implementation of the C-ITS services through a web-based platform, allowing for the interconnection of all stakeholders involved in the traffic and mobility eco-system.
- **SISCOGA Extended:** This programme will use a hybrid architecture that includes ITS-G5, LTE and LTE/V communication technology. It is carried out on 130 kilometres of interurban and 30 km of urban roads.
- **Madrid:** This programme will be carried out in Madrid Calle 30. It includes a solution to inform car park users of the cities and a management system that is capable of connecting itself to information sources and process it, so that it is available for mobile App users.
- **Cantabrian Corridor:** It will be located mainly along the A-8 / E-70 highway that connects Galicia, Asturias, Cantabria and the Basque Country.
- **Mediterranean Corridor:** It will be performed along the Mediterranean Corridor on several sections of the AP-7 highway in order to check the C-ITS services on toll highways.

In all of these pilot projects the driver alert systems will be tested, showing drivers the potential risks that they may face on the road, such as road works, stopped vehicles, adverse weather conditions, etc., in order to assess the efficiency of these services.



The Spanish Traffic Authority (DGT) and the Directorate General for Roads, are coordinating the project together, and carrying it out within the framework of a consortium made-up of 26 partners, both public administrations and private companies. The RACC is one of its members and participates in several pilot projects providing traffic information and contributing to the definition of requirements and the assessment of results.

The C-Road Spain project started on 9 November 2017, within the framework of the Digital Transport Days staged in Tallinn, during which the Spanish Traffic Authority (DGT) signed, on behalf of Spain, the inclusion into the platform.