

# InDiD

## Infrastructure Digitale de Demain

InDiD is one of 13 French projects out of 148 European projects selected by the European Commission within the framework of the last Connecting Europe Facility (CEF) call for proposals. The project benefits from a co-funding rate of 50% on behalf of the European Union. It follows the Smart Cooperative Transport Systems projects SCOOP@F, C-ROADS France and InterCor.

FUNDING  
€ 10,766,707  
of subvention  
of the European union

DEADLINES  
Project start in summer 2019  
Estimated end in 2023



### Cooperative Intelligent Transport System (C-ITS)

In cooperative systems, vehicles communicate with one another as well as with infrastructure. They exchange data and accurate information related to the crossed road section in order to **improve safety** and allow **cooperative traffic management**. Therefore, C-ITS offer the possibility to improve safety through considerable increase of the quality and reliability of the available information regarding cars, their location and the road environment.



### Improving safety and preparing infrastructure for tomorrow's cars

The project aims at expanding the coverage of use cases deployed in previous projects (emergency braking, accident, work...) and develop new use cases dealing with **urban area**, but also use cases of increased **perception for autonomous vehicle**. In addition, it deals with high definition digital mapping of the infrastructure. Connectivity along with mapping shape the digital infrastructure of tomorrow, an essential addition to the physical infrastructure.



## A strong consortium gathering actors of Industry, Mobility and Digital

The project relies on a strong consortium, gathering a plurality of actors of Industry, Mobility and Digital. In total, **24 partners**, coordinated by the Ministry of Ecological and Solidary Transition, are involved including collectivities (Grenoble Metropolis, the City of Paris, Aix-Marseille Metropolis, and Isère department), interdepartmental road directorate (DIRMED, DIRIF, DIRE, DIRCO, DIRSO, DIRA, DIRCE, DIRO), highway service companies and their representatives (APRR,

SANEF, Vinci Autoroutes et l'ASFA), academia (IFST-TAR, Université de Reims Champagne-Ardenne, le LAB, Bordeaux INP, Université Clermont Auvergne, Institut Mines-Télécom, Université Polytechnique Hauts de France, Eurecom, Vedecom, le Cerema et Institut national de l'information géographique et forestière) and companies (Valeo, TomTom, ID Nomic, Green communication, TRANSDEV, ATC France).

### Four pilot sites

InDiD aims at continuing the deployment of Cooperatives Intelligent Transport Systems on new road experimentation sites in order to expand the services coverage offered by the infrastructure. Pilote sites are located on **4 main French geographic areas**, on the Mediterranean side, in the south-west area, at the center and in the north of France.

