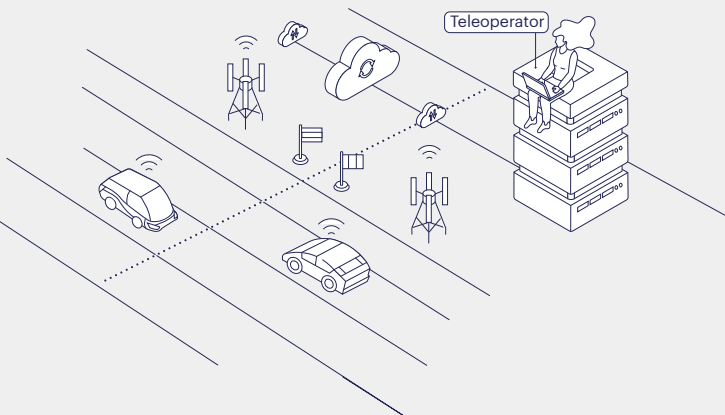# 5GMED

5GMed will demonstrate advanced **Cooperative Connected and Automated Mobility (CCAM)** and **Future Railway Mobile Communications System services (FRMCS)** along the "Figueres - Perpignan" cross border corridor between Spain and France enabled by a multi-stakeholder compute and network infrastructure deployed by **MNOs, neutral hosts, and road and rail operators, based on 5G and offering support for AI functions.**
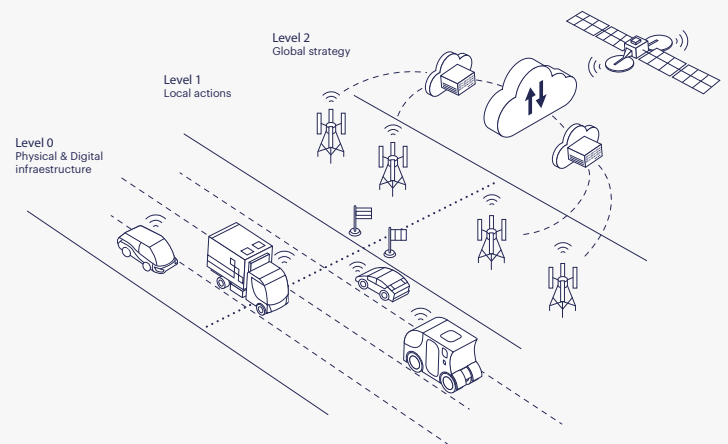
Remote Driving

Automated driving on highways can be performed in full safety, even when a critical event occurs on the Automated Driving System (ADS) preventing the normal system operation beyond the homologated Operation Design Domain (ODD).
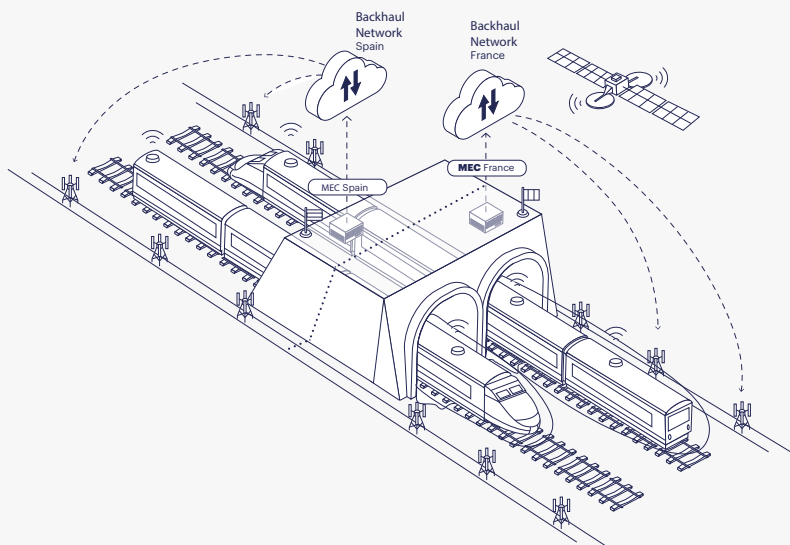

Road infrastructure digitalisation

The road infrastructure will be digitised for intelligent traffic management of connected and automated vehicles.

Level 2
Global strategy

Level 1
Local actions

Level 0
Physical & Digital
infraestructure

FRMCS applications

Transition of a commercial train between Spain and SNCF in France, advanced applications in cross-border situations.

Backhaul
Network
Spain

Backhaul
Network
France

MEC France

MEC Spain

Follow-ME Infotainment

Media modules will be integrated into the network edge node and enable enhanced content distribution strategies.

Multi - device in
car and nearby
· Media sources
  (video, maps, SN...)
· AR/VR elements
· Immersive games

Multi - device trains
Immersive Media Experience

What's the score?

0-2, we will win!