



Versailles Pilot Site




To provide mobility services for tourist apps

AUTOPILOT enables tourists to explore the city of Versailles and the Castle's gardens. Visitors can get a connected and automated vehicle at one of the two car sharing stations via a smartphone app.



While driving through the city, the vehicle alerts tourists of interesting spots in the surroundings. At the Castle's gardens, the user can switch to a fully automated driving mode before giving the car back at another station.

AUTOPILOT will also evaluate the added value of IoT and AD technologies in a business model of fleet management (automated fleet rebalancing).

Driving Modes

-  Urban Driving
-  Car Sharing
-  Platooning

Driving Services

-  Tourist Transport Service
-  Automated Fleet Rebalancing

Pilot Leaders



Key Performance Indicators

Platooning Three identical vehicles, 20 km/h

Urban Driving 10 km of urban driving including 2 km of autonomous driving

VRU Communication 3G/4G, LTE V2X and 802.11 OCB networks



Tampere



Versailles



Livorno
Florence



Brainport



Daejeon



Vigo



Urban Driving

Automated Valet Parking

Car sharing

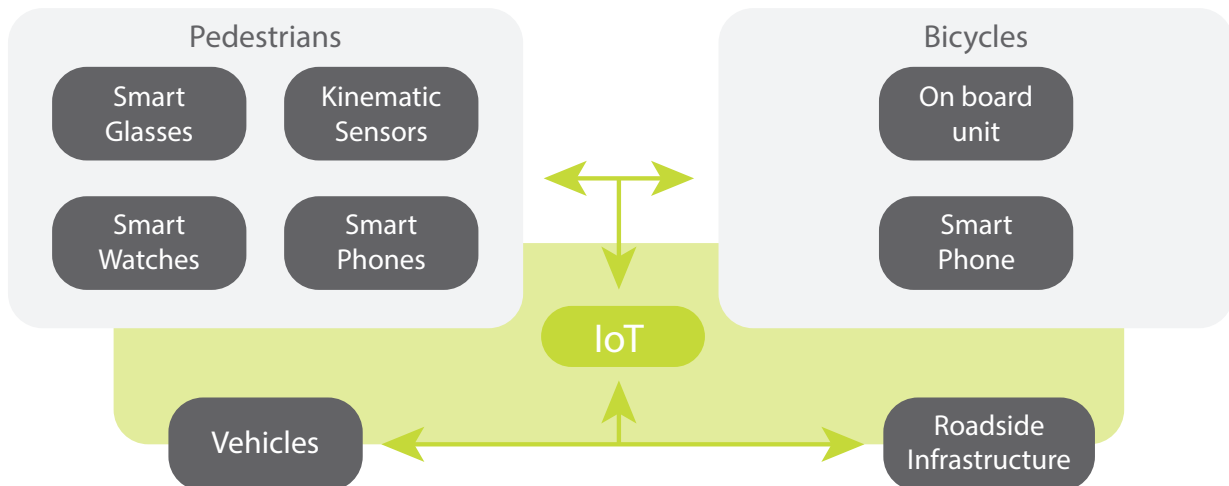
Highway Pilot

Platooning



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Sensoric Equipment:

Collaborative perception considers information exchange among Vulnerable Road Users (VRUs) and the AD car, in order to enhance its perception and improve VRUs safety.

To be part of the IoT, the VRUs will be given smart devices.

Point of Interest Notification:

The pilot cars are equipped to generate announcements for local tourist points of interest based on close-range detection (Bluetooth Low Energy beacons).



Pilot Partners






Supported by



ABOUT AUTOPILOT

Our mission is to bring together relevant knowledge and technology from the automotive and the IoT value chains in order to develop IoT- architectures and platforms, which will bring Automated Driving to a new dimension.

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Project Duration: 01/01/2017 – 31/12/2019

Consortium: 45 beneficiaries, coordinated by ERTICO

Project Cost: €25,425,252

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