HEADSTART

HARMONISED EUROPEAN SOLUTIONS FOR TESTING AUTOMATED ROAD TRANSPORT

About the project

Headstart project aims to define testing and validation procedures of Connected and Automated Driving functions including key technologies such as communications, cyber-security and positioning.
The tests will be in both simulation and real-world fields to validate safety and security performance according to the key users' needs.
The HEADSTART project brings together the consortium with other European and national CAD stakeholders to cluster the most relevant existing initiatives, develop methodologies, procedures and tools and drive in a harmonized European solution for testing and validation of automated road vehicles. Within the lifetime of the project, relevant stakeholders will be able to join the experts' network so as to configure together the methodologies used and also promote the project results' adoption.

VEDECOM's role in the project

3 YEARS
Started in Jan. 2019

VEDECOM is WP1Leader "Definition of use cases based on the state-of-the-art" (use of experience in MOOVE, Udrive, ADAS&ME, Coexist, SIP-adus etc.). This WP identifies a set of critical scenarios and functional requirement at vehicle level for KETs, safety requirement for consumers, as well as requirements for physical testing on test tracks regarding the defined KETs.
VEDECOM is also a contributor of the WP2 on "Methodology and procedure description" based on the state-of-the-art from WP1 for target use cases. It also serves to the Criteria selection for optimal scenarios for use cases related to SAE level 4 and 5 and highway and urban environment
Finaly, VEDECOM is contributing WP3, to the human factors aspect with Database activities: Extracted data, different parametersprofile.

Partners

17 Partners in the consortium

Budget

5 999 028,75 €

Project Coordinator

IDIADA

Type of project

H2020 - **Research and Innovation action** (RIA)

VEDECOM team involved :

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