Press release
EUROPEAN COMMISSION FUNDED INITIATIVE COMPILES A DECADE OF KNOWLEDGE ON CONNNECTED AND AUTOMATED DRIVING

Brussels, 16 December 2019

The European Commission, through the Horizon 2020-funded Action ARCADE (Aligning Research & Innovation for Connected and Automated Driving in Europe), has released the Knowledge Base on Connected and Automated Driving (CAD), one-stop shop for information on CAD in Europe and beyond.

This unique database gathers all the information previously spread across projects and a broad network of stakeholders to establish a common baseline of CAD, thus ensuring transferability of knowledge for future research, development and testing of connected and automated driving.

CAD Knowledge Base contributes to the objectives of the Declaration of Amsterdam

The CAD Knowledge Base is at the centre of ARCADE's cooperation with the European Commission's Single Platform for open road testing and pre-deployment of cooperative, connected, automated and autonomous mobility (CCAM).

At the CCAM Plenary meeting on 4 December 2019, Ludger Rogge, Policy Officer at DG RTD and Chair of CCAM Working Group 1, stressed the value of the CAD Knowledge Base: "With its establishment, the European Commission provides a means of exchanging knowledge and best practices on CCAM, as requested by the EU Member States in the Declaration of Amsterdam on connected and automated driving".

On the Knowledge Base website, visitors can explore the different areas of research relevant to CAD:
- 12 Thematic *challenge* Areas (at technology, services, society levels) related to CAD deployment
- An extensive list of national and European R&I projects in the field of CAD
- An overview of *Regulations and Policies* on the national, European and world-wide level
- A compilation of *Strategies and Action Plans* in Europe and beyond
- A mapping of existing CAD-related *Standards*, including relevant standardisation bodies, initiatives and publications
- *Guidelines, impact assessment and evaluation methodologies* for automated driving testing
- A *Data Sharing* section, providing methods for the exchange of data, knowledge and experience from automated pilots

Since the Knowledge Base is ever evolving and growing with the existing body of knowledge in the field, feedback and contributions from CAD stakeholders are invaluable and highly encouraged.

In order to deepen the discussion around CAD Research & Innovation, ARCADE is organising the EUCAD 2020 Symposium on 28-29 April 2020, during the Transport Research Arena conference

([TRA2020](#)) in Helsinki, Finland. More information will soon be published on https://connectedautomateddriving.eu/.

Note to editors:

About ARCADE

ARCADE is a Coordination and Support Action funded by the EC's H2020 programme, aimed at building consensus across stakeholders from all sectors for a sound and harmonised deployment of Connected, Cooperative and Automated Driving in Europe and beyond. ARCADE federates a CAD Stakeholder Network through the organisation of regular workshops and co-organisation, with the European Commission, of EUCAD Conferences and Symposia. The Network exchanges knowledge and experiences, builds up synergies and a common approach to development, testing and validation of CAD. A main objective of ARCADE is to contribute to the definition of future research and innovation priorities in Europe for the main thematic areas related to the deployment and adoption of CAD (e.g. STRIA and ERTRAC Roadmaps on Connected and Automated Transport). ARCADE capitalises on the CARTRE Support Action legacy and is open to associated partnership.

Project name: Aligning Research & Innovation for Connected and Automated Driving in Europe (ARCADE)
Project type: Coordination and Support Action (CSA)
Programme: Horizon 2020

Topic: DT-ART-02-2018 Support for networking activities and impact assessment for road automation
Starting date: 01/10/2018
Duration: 36 Months
Total funding: 3 M€
23 direct partners from 11 EU MS
Coordinator: ERTICO – ITS Europe

For more information please contact:
Dr Stéphane Dreher
s.dreher@mail.ertico.com
ARCADE Coordinator

Justyna Beckmann
jbeckmann@fia.com
ARCADE Dissemination Manager

Website: https://connectedautomateddriving.eu/
Join us on social media:
Twitter @Europe_CAD
LinkedIn Connected Automated Driving in Europe