HEADSTART

Dear reader,

We are delighted to announce the release of the fifth **HEADSTART newsletter.** In this issue, we are delighted to invite you to our Final Event, where you will find out the major HEADSTART results and outcomes. Moreover, we provide you with the material from the

Type Approval Webinar, where was discussed the regulatory framework related to the testing of Connected and Automated Driving. We also encourage you to have a look at the OMEGA-Format developed by our partner, ika. Moreover, two interesting blog posts provided by HEADSTART partners are included for you to read.

We are looking forward to welcome you on our Final Event! Until then don't miss to visit our website and join our social media.

We wish you a happy and safe Christmas holiday!

The HEADSTART consortium

Register for the HEADSTART Final Event

We are so happy to invite you in **HEADSTART Final Event**! The event will be held **online** on the **14th of December from 09:00 to 12:00 CET**! The full **agenda** is available here**,** while further information is available on our website here.

Register here

A Type Approval Webinar was held on October

HEADSTART project organised a **Type Approval Webinar** aiming **to review the regulatory framework related to the testing of Connected and Automated Driving**. The webinar was held online on 28th of October 2021**,** lasted for 90 minutes, and attracted about 40 participants who exchanged knowledge and experience with the project partners. The recordings and presentations are available online.

Download the material

The OMEGA-Format developed by ika-RWTH Aachen

The OMEGA-Format is a HDF5 based data format for storing reference and perception data from pilotings, test drives and simulation in urban settings. This module is developed by ika – RWTH Aachen as a contribution to the VVM project which aims to develop test procedures and to provide frameworks and methods for the safety verification of automated vehicles.

Read more

An AD Simulation Platform to test HEADSTART Methodology,
blog post by K. Andriantavison

An Expert Network to ensure the relevance pand adoption of HEADSTART end results,
blog post by Julie Castermans & Stephane Dreher

Valeo AD Simulation Platform has been developed based on three paradigms:

- **Simulation Environment:** The first component of the Platform is the simulation environment software. Simulation software can realistically and precisely model a large variety of vehicles and their dynamic behavior through multi-body vehicle dynamic models. Additionally, they provided a user-friendly scenario and road editor that allow end-users to easily conceive their scenario. Driver modeling can also be tuned to fit as closely as possible to reality. In our platform, we use IPG CarMaker.

Read the full blog post

One of HEADSTART's objectives has been to involve the testing, validation and certification expert community in Europe and internationally to steer and validate iteratively the project progress. The HEADSTART Expert Network, led by ERTICO – ITS Europe, is the platform used to facilitate the interaction with these stakeholders for the promotion of the HEADSTART methodology, as well as to identify and reach consensus on gaps and new requirements for testing and validation of CAD functions and their enabling technologies, for maintaining HEADSTART methodology and thus enhancing its interoperability.

Read the full blog post

How to get involved

HEADSTART offers to all interested parties various opportunities to get involved. Find out!

- Register to the HEADSTART newsletter;
- Join the Experts' Network. Express your interest;
- Take part in the online surveys;
- Provide your feedback.

Partners

HAPPY HOLIDAYS!

**SANTA'S AUTOMATED SLEIGH IS ON THE WAY TO BRING YOUR GIFT!
THE REINDEERS ENJOY THE TRIP!**