

PROJECT

WienZWA

Wien - Zukunft wird automatisiert

Funding: National (Austria)

Duration: Jan 2017 - Jun 2017

Status: Complete



Objectives:

WIENZWA is setting up a comprehensive, open, European test laboratory for Automated Driving in Vienna and surrounding areas. "WienZWA - the future will be automated" was selected by the Federal Ministry for Transport, Innovation and Technology (BMVIT) and the Austrian Research Promotion Agency (FFG) to set up a comprehensive, open, European test laboratory for automated driving in Vienna and surrounding areas. The motto: "Safety for all people in traffic". The aim of WienZWA is to rapidly learn how to dynamically adjust to the interactions between pedestrians, cyclists and (semi-) autonomous vehicles. This means that the integration and anticipation of behaviour in real traffic (pedestrians, cyclists, city/country, motorway/urban traffic, public transport (ÖPNV), mixed traffic, interaction of all people in traffic) is new every day. Every day we learn new things - and every day we get better at it.

WienZWA integrates automated driving on various types of roads (motorway, lower-level road network) in urban and rural areas, in different traffic situations and topologies and with various weather and environmental influences. This combination is an international flagship project. An open-innovation method will be developed that shows how test drives can be scientifically documented and reproducible. As part of the European C-ITS corridor project Rotterdam - Frankfurt/M. - Vienna, the Living Lab in the framework of ECo-AT has demonstrated how successful an open and manufacturer-independent test laboratory can be. Already today, car manufacturers regularly come to Vienna for the ECo-AT tests in order to carry out tests on this specific route, because the test infrastructure is exemplary in international comparison. Australia (Brisbane) and Hungary have issued their call for infrastructure tender on the basis of the ECo-AT specifications. Within the European C-Roads project, AustriaTech and ASFINAG manage essential parts of the Europe-wide harmonised second expansion stage (<http://c-its-korridor.de/>). Austria's role as a pioneer of European C-ITS and sustainability initiatives is consistently developed further through the exploratory project "WienZWA - the future will be automated".

Other funding sources: BMVIT and FFG

Lead Organisation:

Andata Gmbh

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Partner Organisations:

Kuratorium Fuer Verkehrssicherheit

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Organisation Website:

<http://www.kfv.at>

Swarco Futurit Verkehrssignalsysteme Ges.m.b.h.

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STRIA Roadmaps: Cooperative, connected and automated transport

Transport mode: Road transport

Transport sectors: Passenger transport

Transport policies: Safety/Security

Geo-spatial type: Urban