

List of abbreviations/Glossary

Extract from SAE Levels acc. to SAE J3016, rev. 2021

Level 4: High Driving Automation:

The sustained and ODD-specific performance by an ADS of the entire DDT and DDT fallback without any expectation that a user will need to intervene. The ODD is limited.

Level 5: Full Driving Automation:

The sustained and unconditional (i.e., not ODD-specific) performance by an ADS of the entire DDT and DDT fallback without any expectation that a user will need to intervene.

ADS: Automated Driving System

AV: (Fully) autonomous vehicles

Carsharing: Unlike ridesharing, the same vehicle is not simultaneously shared but staggered.

C-ITS: Cooperative Intelligent Transport Systems

Curbside Management: There are various definitions. Here, we understand the curbside as the area between the road and the curb or another boundary marking. The road is not part of the curbside. Curbside management involves a flexible organizational scheme for the curbside. It includes all activities that deal with the recording, optimization, and management of the curbside.

DDT: Dynamic Driving Task

DRT: Demand Responsive Transport

FRAND: Fair, Reasonable and Non Discriminatory

in-vehicle-generated data: Data generated by vehicles

MaaS: Mobility as a Service

Mileage per vehicle: Measure for the mileage of fleets

ODD: Operational Design Domain; operational scenario of a vehicle (e.g. highway)

Platooning: A lead vehicle takes over the DDT. Subsequent vehicles are electronically connected and follow the lead vehicle automatically (electronic drawbar).

PT: Public Transport

Ridesharing: Individuals share a vehicle for a common segment of their trip. Pooling is managed through a digital platform.

Traffic Circulation Plan: There are various definitions. Here, it refers to a traffic graph indicating preferred routes to use in cases of congestion or diversion.

White-Label-Boxes: Boxes equipped with an electronic locking system where various delivery service providers can deposit packages. Recipients then collect their parcels from these boxes.