



ADAS Alliance

ADAS COVENANT

Increase safe use of ADAS through the promotion
of ongoing development, familiarity and purchase



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Introduction

Advanced Driver Assistance Systems (abbreviated to ADAS) help human drivers of vehicles to perform the task of driving. Within ADAS, we distinguish between:

1. continuous support systems

Systems that warn the driver during their journey of (potentially) dangerous situations and continuously assist the driver, increasing safety, sustainability and/or comfort.

In the case of continuous support systems, the responsibility remains with the driver at all times, and ADAS are therefore different to autonomous, self-driving systems. In terms of the Euro NCAP 'AD Driving Mode Expert Definitions', this Covenant relates to systems for the 'Assisted Driving Mode': the first level. By comparison: 'Automated Driving Mode' and 'Autonomous Driving Mode' are the following two levels.

2. emergency systems

Systems that intervene to reduce the chance or seriousness of an accident, if the driver has not reacted or acted sufficiently.

Independent studies confirm that ADAS can make a positive contribution to traffic safety, sustainability and traffic flow on the roads. These effects however, do vary for different types of ADAS and different suppliers. There is also a lack of generic names and symbols as well as standardised functionalities among the various types of ADAS. ADAS is also sometimes supplied as standard with purchase of a new car while in other cases it is included as an extra in the option packages or is offered completely separately - at the customer's request. It is even possible to install some types of ADAS in the vehicle at a later date. And finally: the presence or absence of systems in an existing vehicle is sometimes far from simple to determine for a driver.

For these reasons, among others, it is often difficult for (potential) drivers to take ADAS into account when considering a purchase. It is also unclear which systems he may have access to and the function or way of working he can expect. And this has an impact on the purchase and use of ADAS.



Main aim

Under the name 'ADAS Alliance', the signatories of this ADAS Covenant wish to work together to increase the safe use of ADAS by a minimum of 20% over the course of 3 years, based on the fact that ADAS can contribute to the improvement of traffic safety, sustainability and traffic flow on the roads.

Strategy

1. promote ongoing development of ADAS

Producers of ADAS that are not yet safe or cannot be used safely will be provided with guidance here.

2. improve familiarity with ADAS

Information about the presence of ADAS in a vehicle, as well as the designation, the specifications, the function (in practice), the maintenance, the effects and the safety of ADAS will be made (more) accessible and, where relevant, actively brought to the attention of (potential) drivers, repairers, bodyshops, insurers, instructors, road managers and other stakeholders.

3. stimulate purchase of safe ADAS

Only the purchase of ADAS that has been proven by an independent body

- to have no negative effect on traffic safety and
- to have a proven positive effect on traffic safety, sustainability or traffic flow will be promoted.



Scope of Covenant

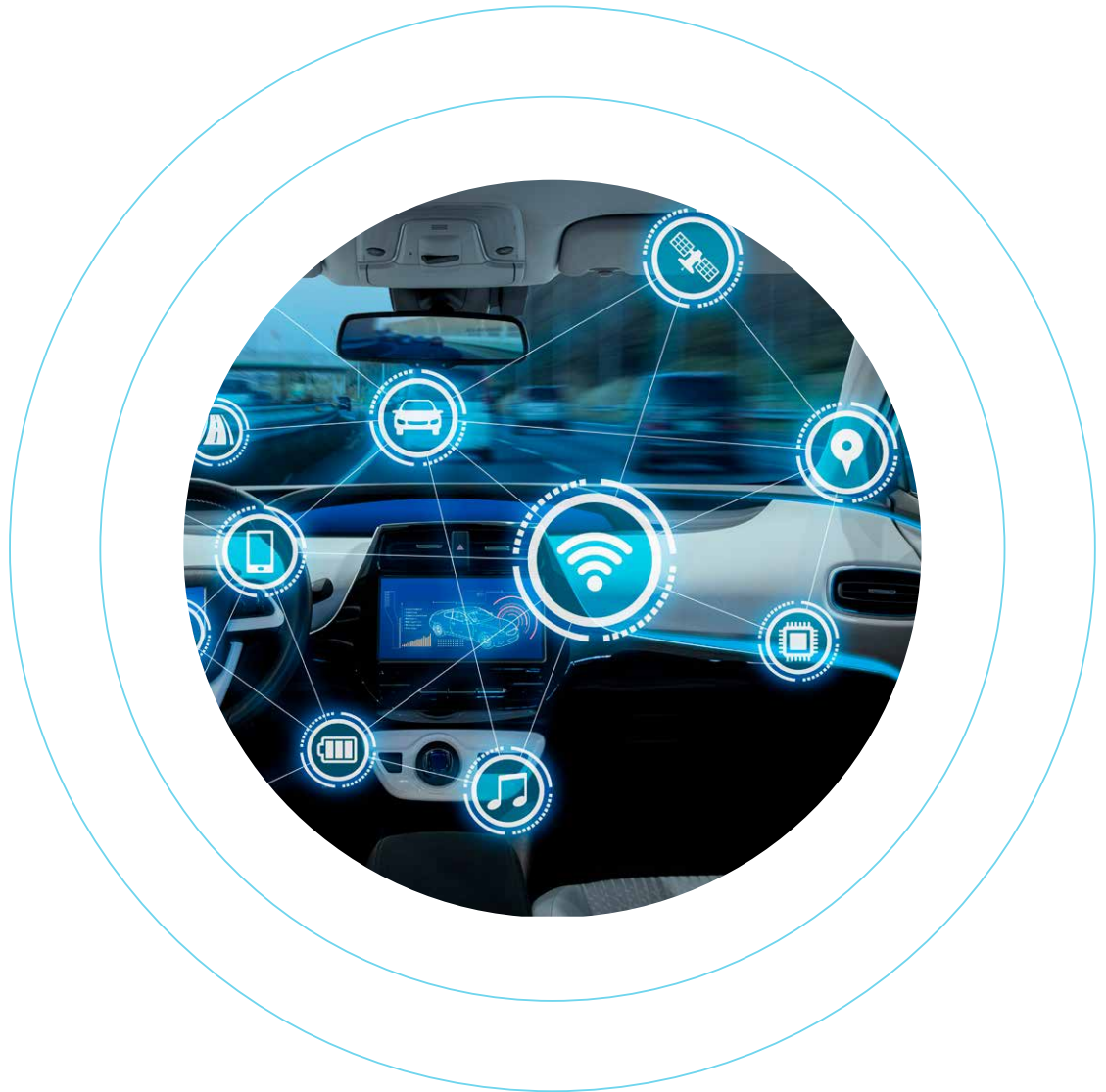
This Covenant relates to ADAS:

- in accordance with the definition of Euro NCAP (2018): 'ADAS are driving support systems for the Assisted Driving Mode':
 - The driver holds full responsibility but shares the control with the vehicle.
 - The vehicle and the driver share the detection of and reaction to objects and events (Object and Event Detection and Response (OEDR)).
 - The driver may not perform any secondary tasks beyond those permitted during normal driving.

Self-driving systems (Euro NCAP: 'Automated Driving Mode' and 'Autonomous Driving Mode' do not fall under this Covenant.

- for passenger vehicles, vans and camper vans.

ADAS for trucks, buses, motorbikes, bicycles and trailers are not currently covered by this Covenant.



Agreements

- The signatories agree to the objective and strategy set out in this Covenant.
- The signatories will each draw up an ADAS Implementation Plan with activities that support the objective, in a way that fits with their primary tasks.
- The signatories pledge to perform the proposed activities to the best of their judgement and capabilities over the course of a minimum of three years following signing, where possible in cooperation with the cosignatories.
- The signatories pledge to report on the progress of the activities to:
 - the ADAS Core Team, via the ADAS Status Report, twice a year (on 1 April and 1 October),
 - their own target group, through their own channels, when there is relevant news to report and
 - the general public, through the appropriate media (including [slimonderweg.nl](https://www.slimonderweg.nl)), when there is relevant news to report.

