



# Open AutoDrive Forum

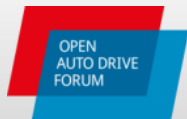
Jean-Charles Pandazis | on behalf of Open AutoDrive Forum  
11-12 October 2022, Kyoto

# The initiative



## *A brief introduction of the* **OPEN AUTO DRIVE FORUM**

- founded by **NDS** and **ADASIS** in November 2015
  - first meeting in December 2015
- **SENSORIS**, **SIP-adus**, **TISA** and **TN-ITS** joined shortly after
- Close collaboration with ASAM on OpenDRIVE and OpenSCENARIO
- Discussions with ISO Technical Committees on collaboration modalities are ongoing



# OADF Terms (excerpt)

## Objectives

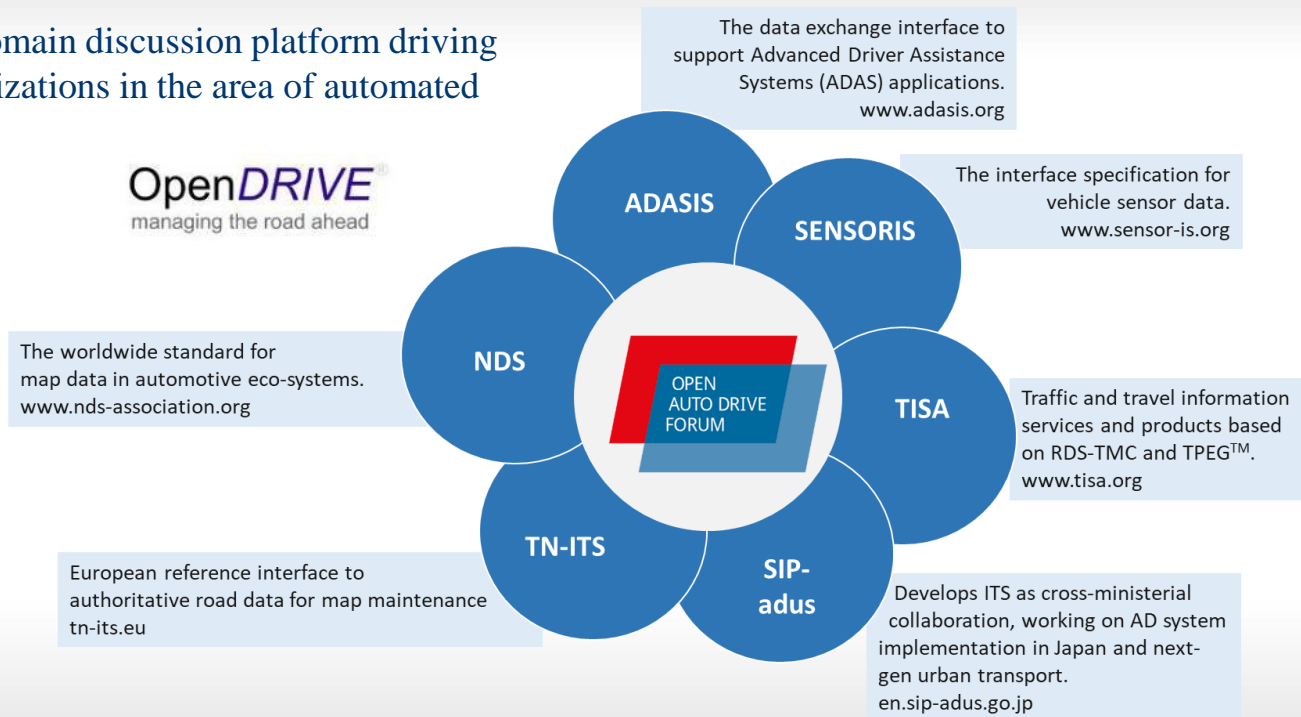
- ... a platform to **present** the latest developments ...
- ... discussion platform for **cross-domain** topics ... in AD ...
- Generate ... input for **standardization** ...
- Connect ... authorities and ... industry ...

## Mission

- ... develop ... solutions for AD, which ... work in the reference ecosystem

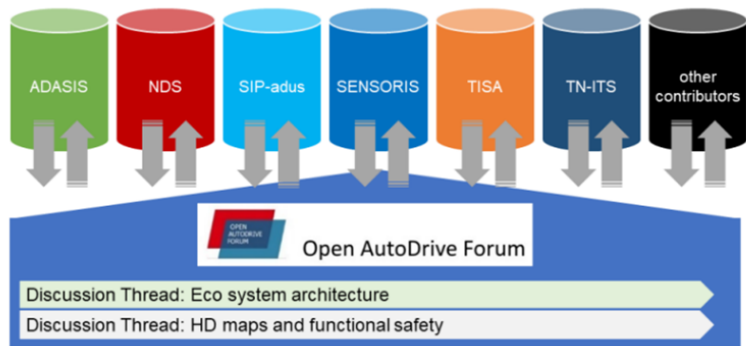
# The Forum members

Cross-domain discussion platform driving standardizations in the area of automated driving

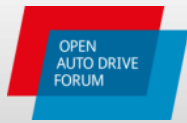


# OADF results so far

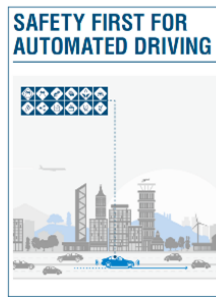
## OADF Workshops



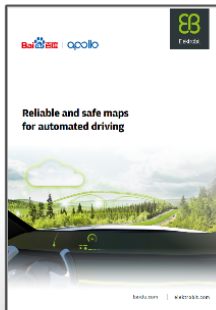
[www.openautodrive.org](http://www.openautodrive.org)



## Industry Publications



Safety first for automated driving (2019)



Reliable and safe maps for automated driving (2019)

## International Standardization

- ISO/TR 4804:2020 Road vehicles — Safety and cybersecurity for automated driving systems — Design, verification and validation >> **published**
- ISO/AWI TS 5083 Road vehicles — Safety for automated driving systems — Design, verification and validation >> **under development**

# OADF ongoing work

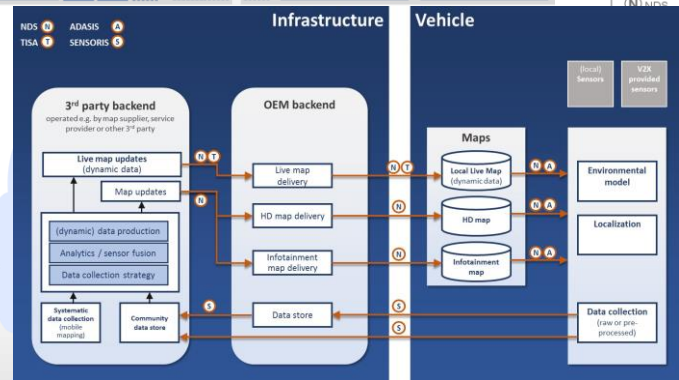
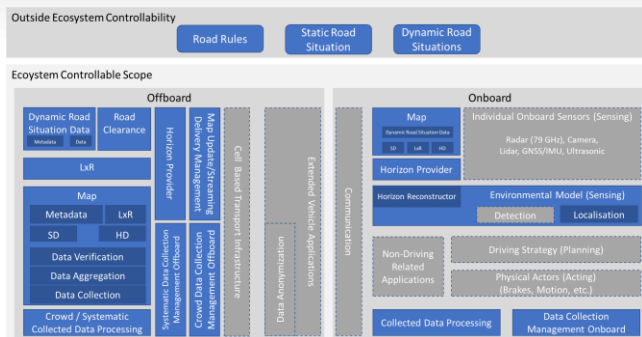
## ■ Ecosystem TF

- Functional architecture proposed by BMW
- Review of the ecosystem

## ■ Continuous interaction between the different member organisations

- identifying gaps, overlaps between each others activity areas
- helping better understanding the map relevant AD requirements
- bringing AD related standardisation closer to the industry stakeholders (standardisation not any more a boring, slowly advancing work)
- fostering the intention of external organisations to approach OADF for consultation and collaboration, positioning it as an expert platform
- Continuous and extended mapping of the AD standardisation ecosystem started

Architecture Overview (2017-2018)



# OADF Contact

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