OPEN AUTO DRIVE FORUM

1./2. Schwalbach
3. Amsterdam
4. San Jose
5. Beijing
6. Brussels
7. Chicago
8. Tokyo
9. Budapest
10. Wuhan

OADF – An Introduction

Prokop Jehlicka| Member of the Open AutoDrive Forum and Chairman of SENSORIS
November 2018, Tokyo, Japan

Maps and Sensors are Essential

(H)AD requires

- The support of high-definition maps
- With a very high update frequency
- From different sources

Exchange of sensor, map and external data mandates

- Harmonization of international standards
- Alignment of data models along the data flow
- Global cooperation between stakeholders

The Initiative – closing the loop

SENSORIS

The interface specification
for vehicle sensor data
www.sensor-is.org

ADASIS

Data Exchange interface to support
Advac3ed Driver Assistance Systems
(ADAS) applications.
www.adasis.org

TISA
Traveller Information Services Association

Traffic and travel information
services and products based
on RDS-TMC and TPEG™.
www.tisa.org

Navigation Data Standard
PSF Physical Storage Format

The worldwide standard for map
data in automotive eco-systems.
www.nds-association.org

SIP

Program for achieving science,
technology and innovation to
accomplish its leading role beyond the
framework of government ministries
and traditional disciplines.

SENSORIS

TISA

ADASIS

OPEN
AUTO DRIVE
FORUM

SIP-adus

NDS

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AUTO DRIVE
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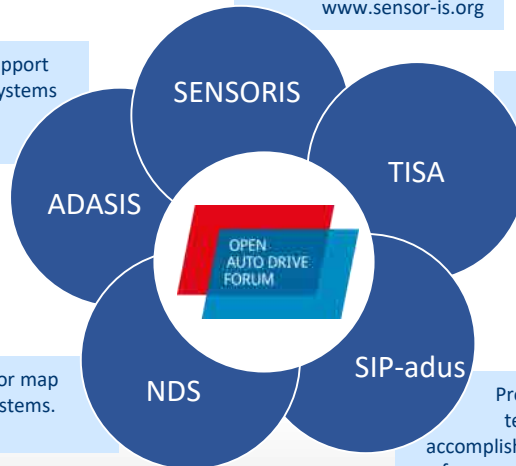
OADF - Setup

Steering Committee

Chairmen of the participating organizations
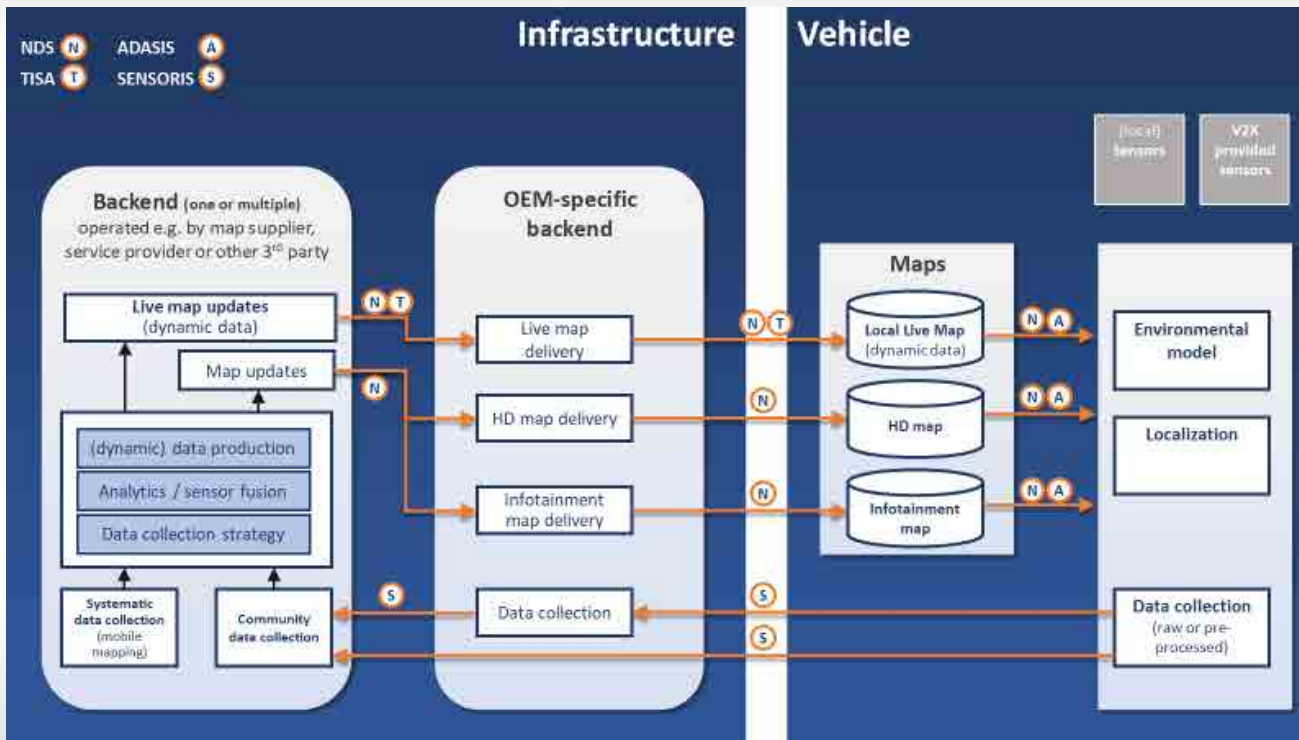
ADASIS	Michael Klingsöhr (Bosch)
NDS	Martin Schleicher (Elektrobit)
SENSORIS	Prokop Jehlicka (HERE Technologies)
TISA	Matthias Unbehaun (TISA)

OADF Speaker

Matthias Unbehaun, TISA Executive Director

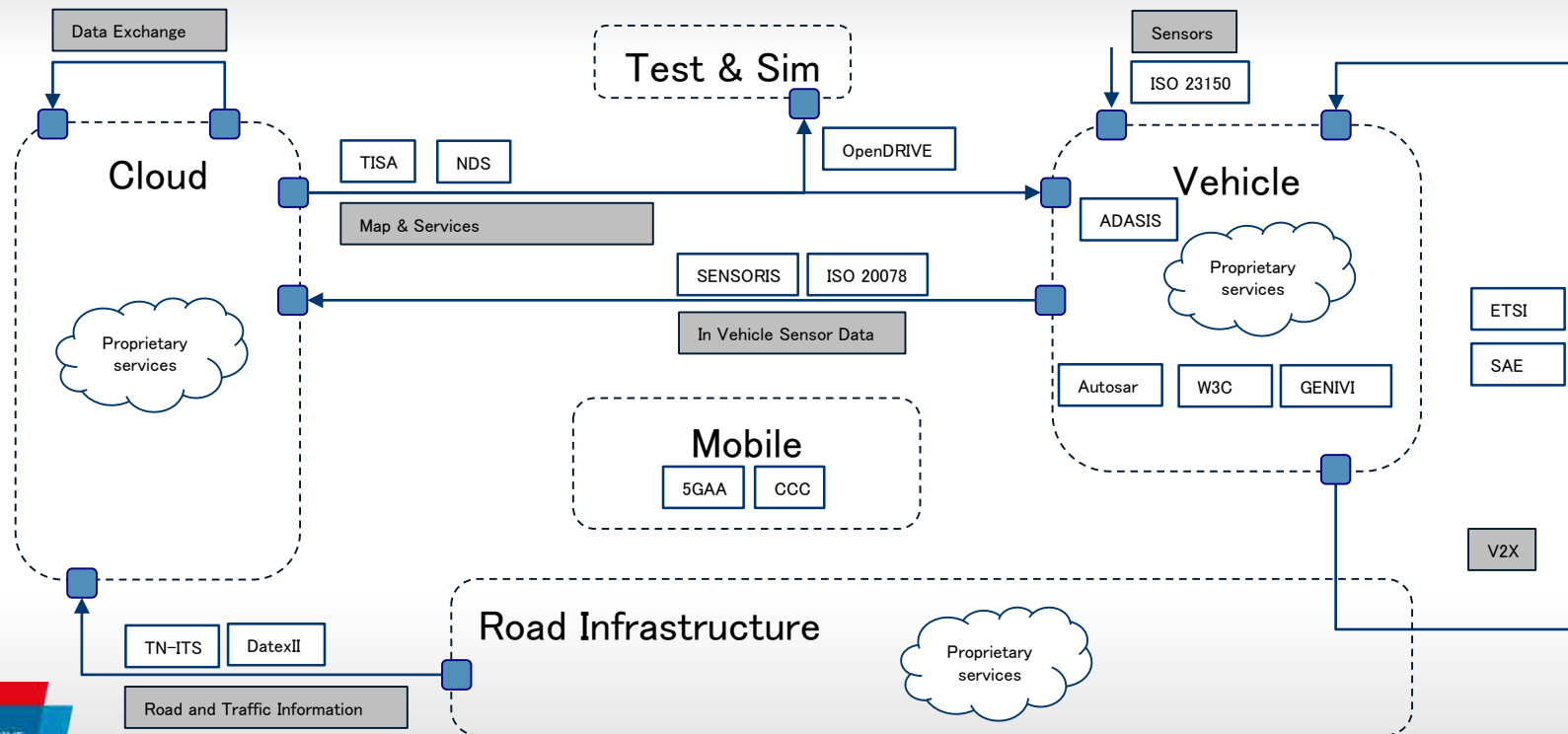*until May 2018: Dr. Volker Sasse, NDS Chairman*

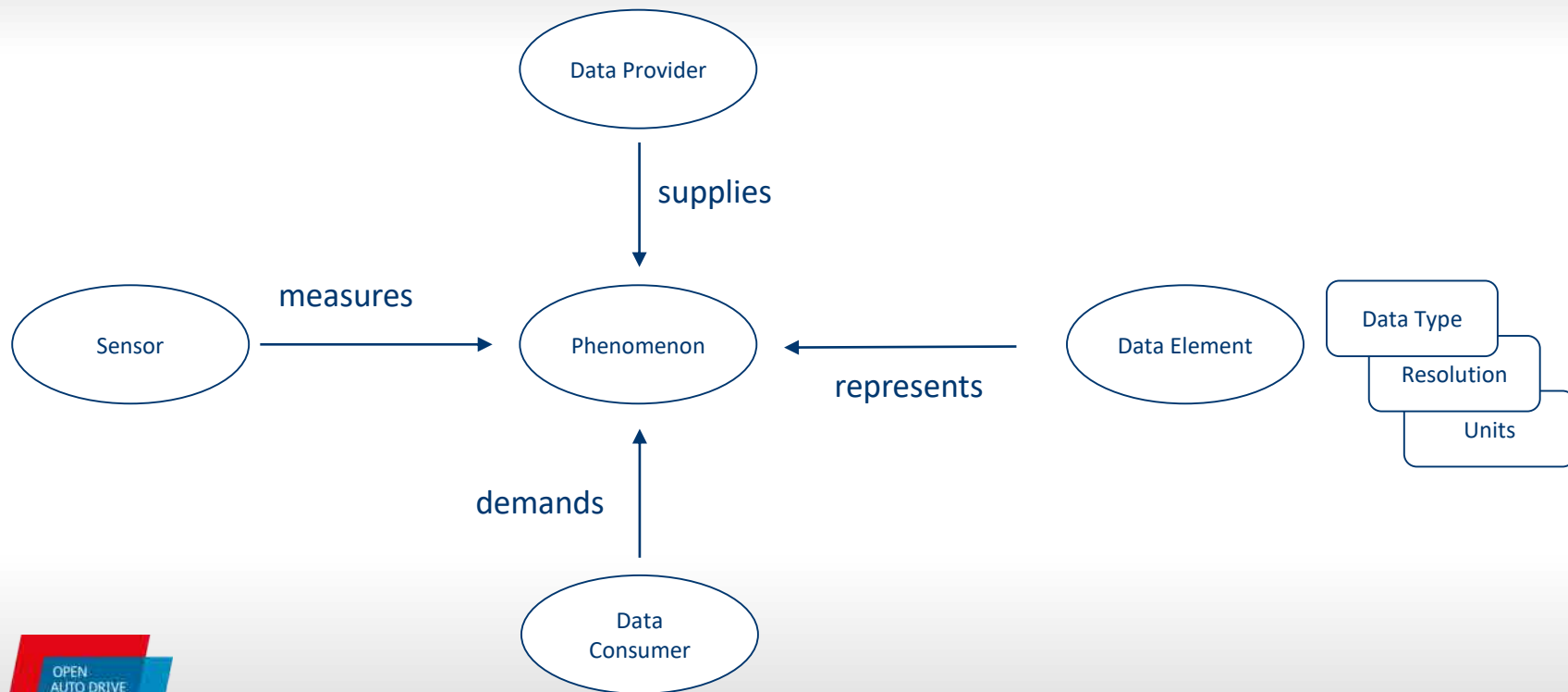# OADF - Ecosystem

Achievements and activities

Task Forces

- Lane Numbering (NDS, TISA)

- Reliable Maps (NDS, ADASIS)

- Location Cross Referencing (NDS, TISA)

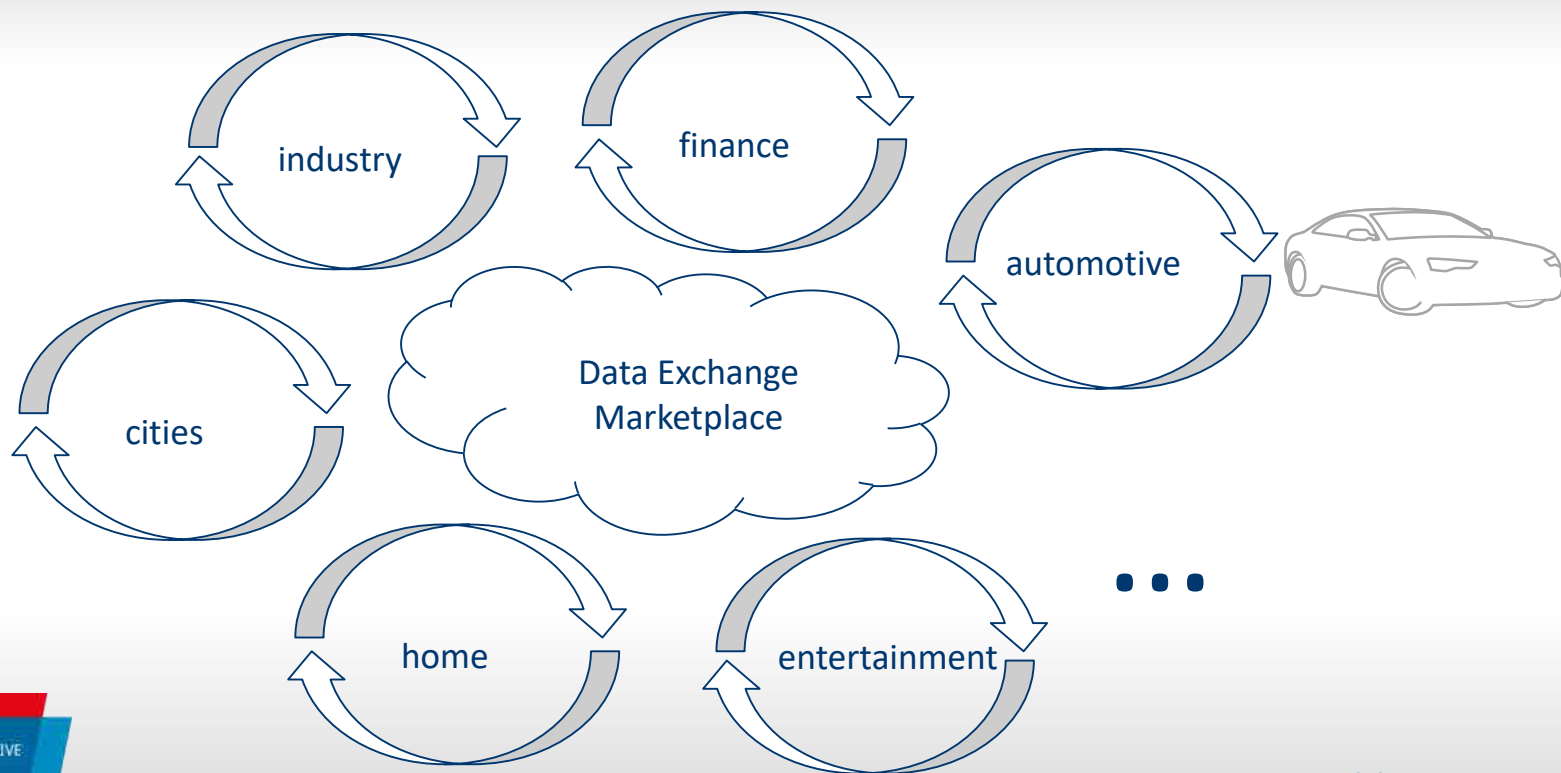- Open Catalogue Registry (SENSORIS, NDS)

OADF within automotive

Harmonization of Standards

Beyond automotive

industry

finance

automotive

cities

Data Exchange Marketplace

home

entertainment

• • •

OADF Contact

c/o Navigation Data Standard (NDS) e.V.

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http://openautodrive.org/