



20.05.2026 | Schwalbach am Taunus | Final Event

just better DATA - The Project

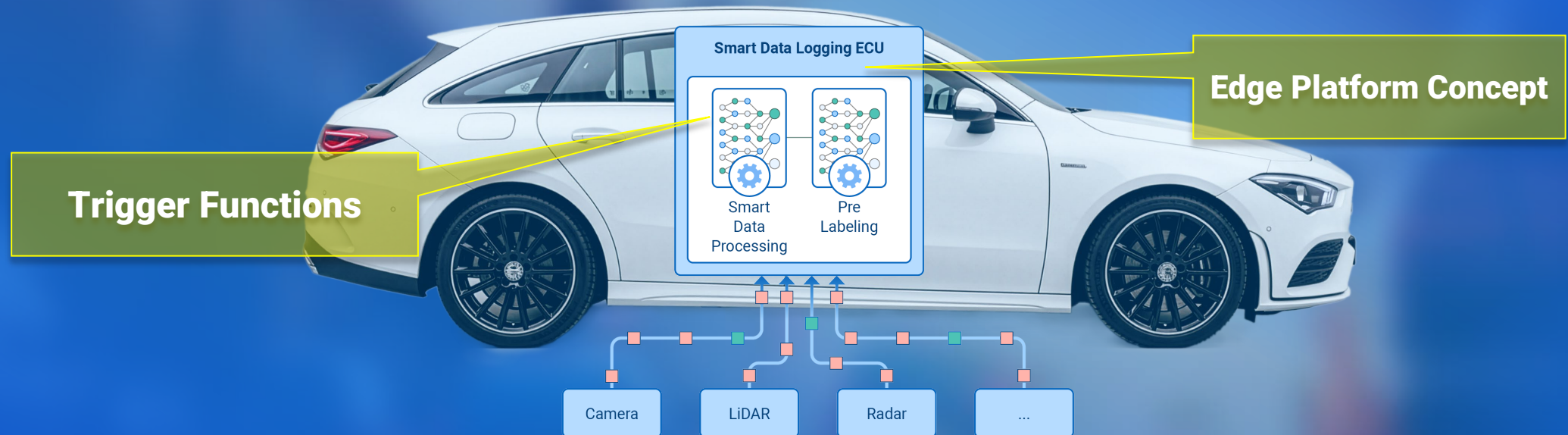
Azarm Nowzad | AUMOVIO

PROJECT GOALS

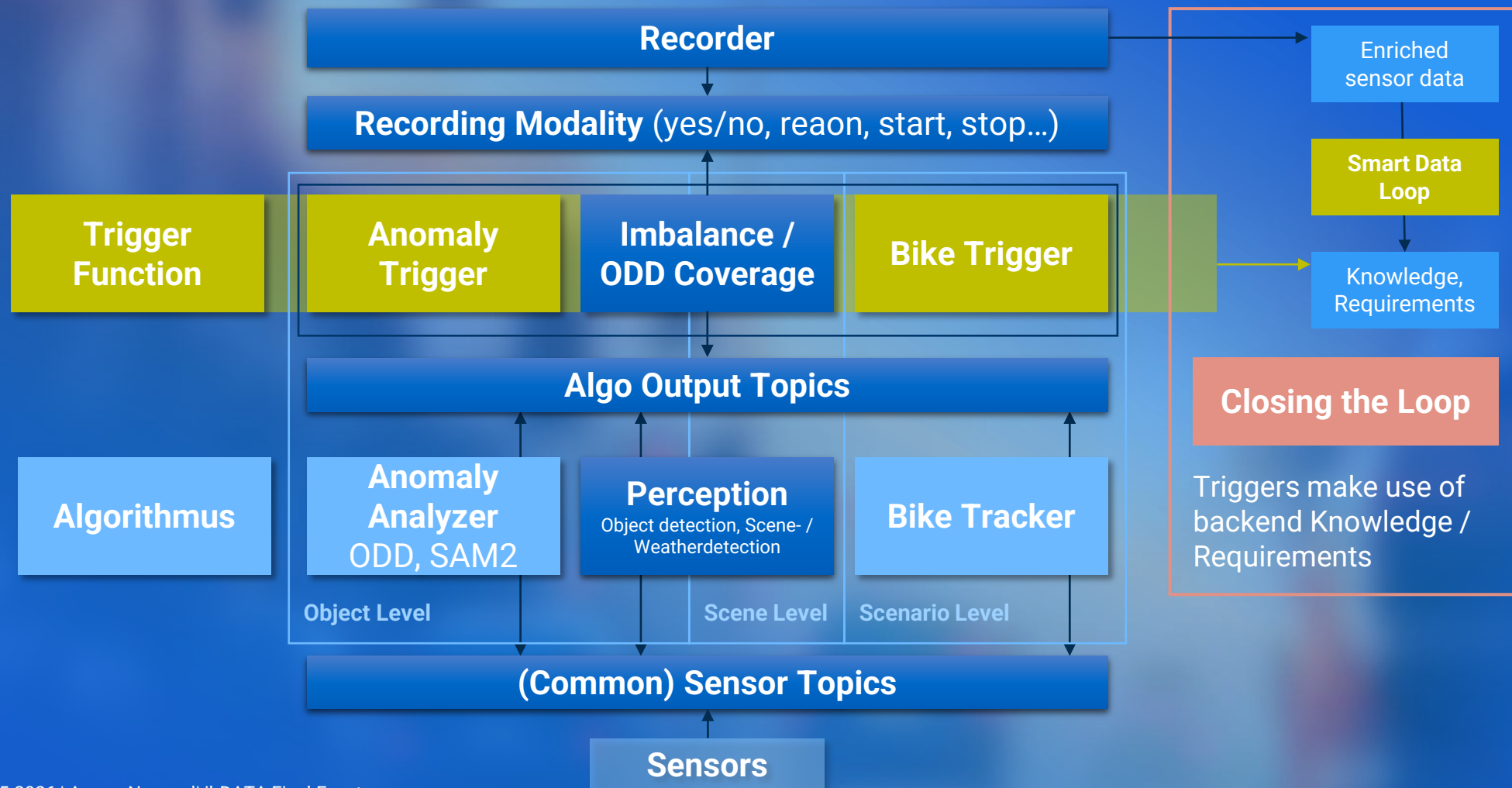
Targeted DATA SELECTION in
real time within the vehicle

GOAL Systematically DATA
RECORDING via EDGE
PLATFORM with selective
data transfer





Trigger Functions

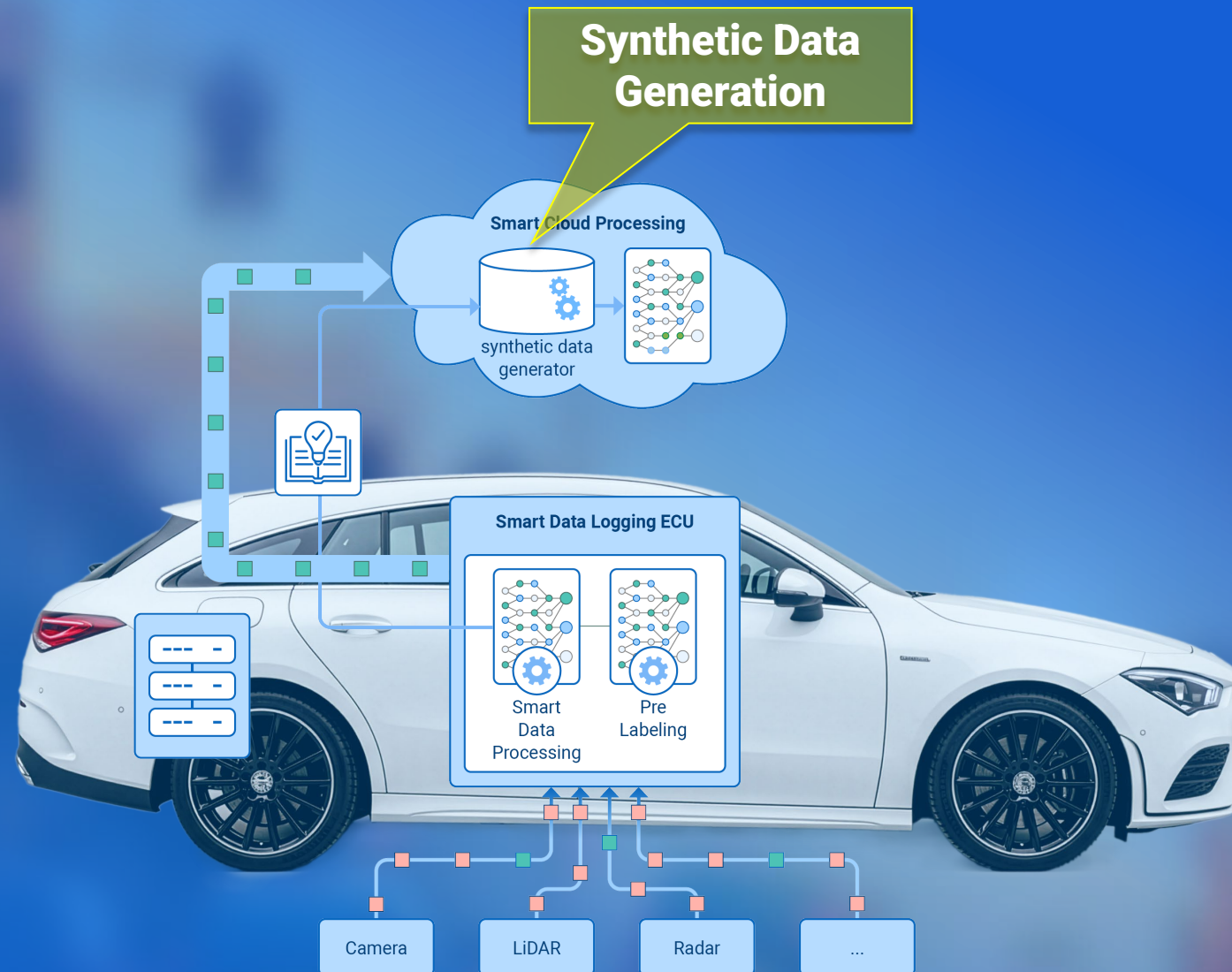


PROJECT GOALS

Identification of DATA GAPS and SYNTHETIC DATA completion

GOAL Enhancing real DATA
RECORDINGS to cover
relevant and rare scenarios
in the DATA



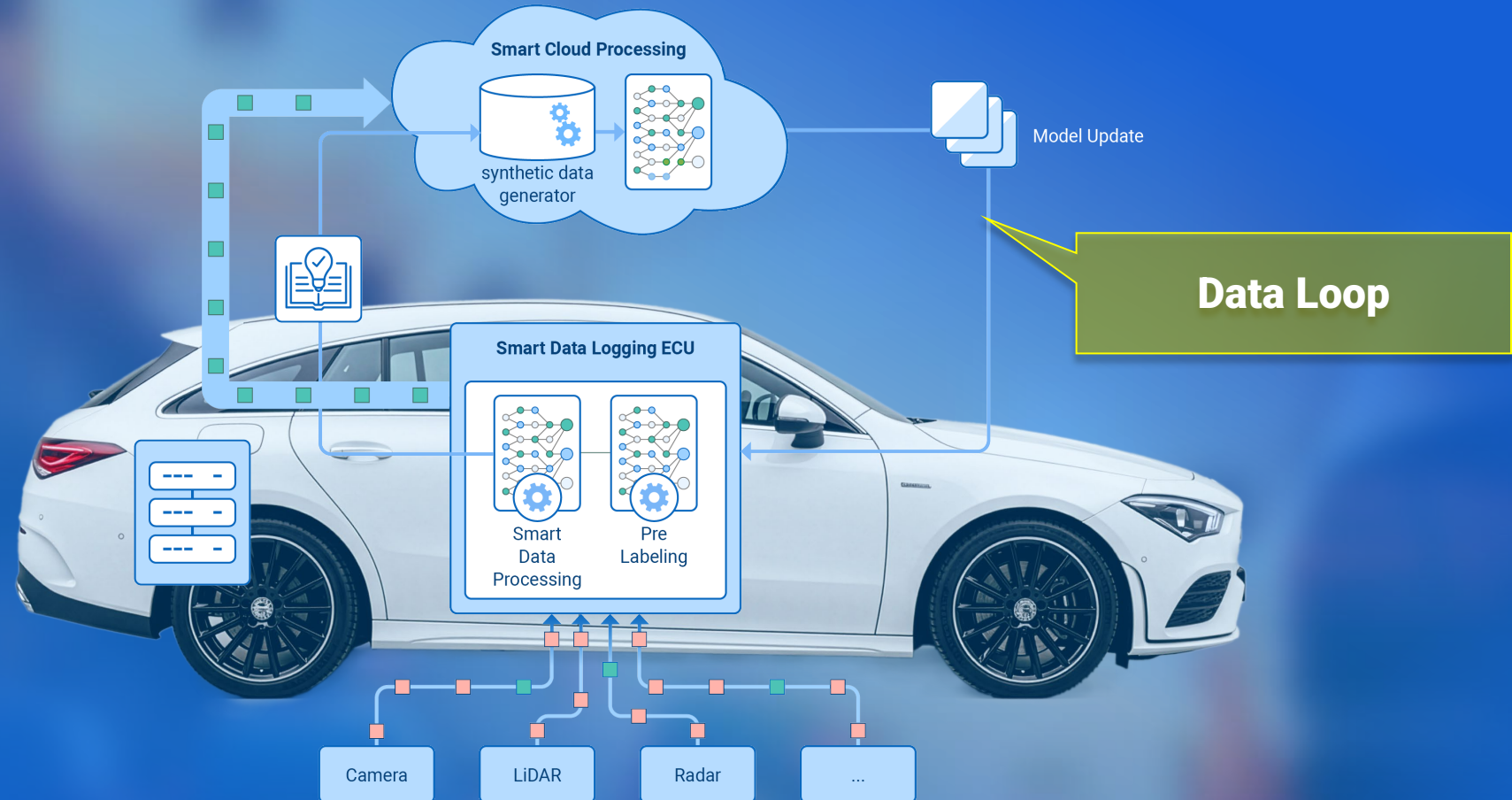


PROJECT GOALS

Development of AI methods and tools for a SMART DATA LOOP

GOAL All intermediate steps on
the way from DATA
COLLECTION to AI MODELS
will be automated





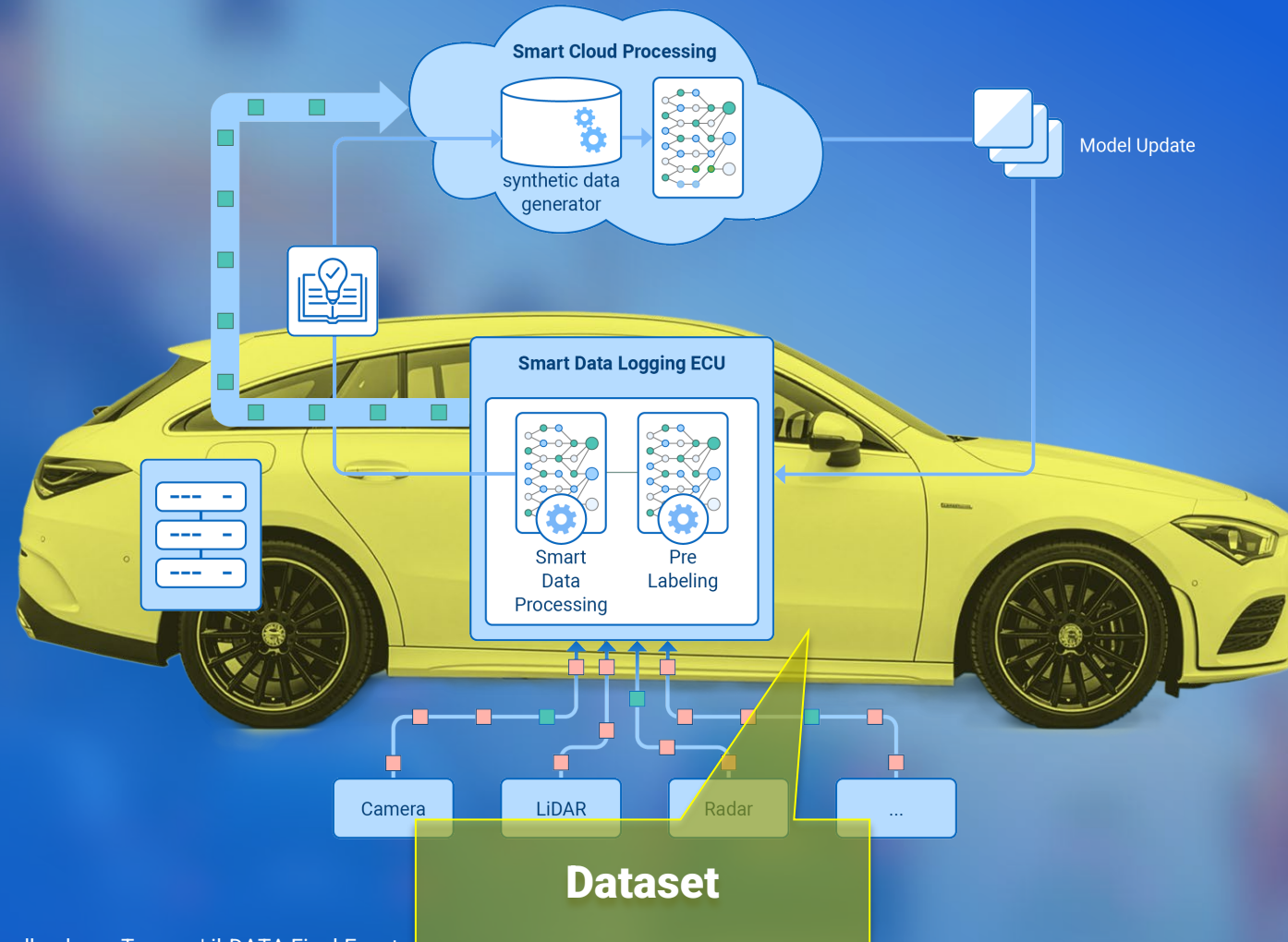
PROJECT GOALS

High-quality and Resource-efficient SMART DATA RECORDINGS

GOAL Create a relevant and
FAIR DATASET
published and suitable
for INDUSTRIAL USE



jbDATA Concept

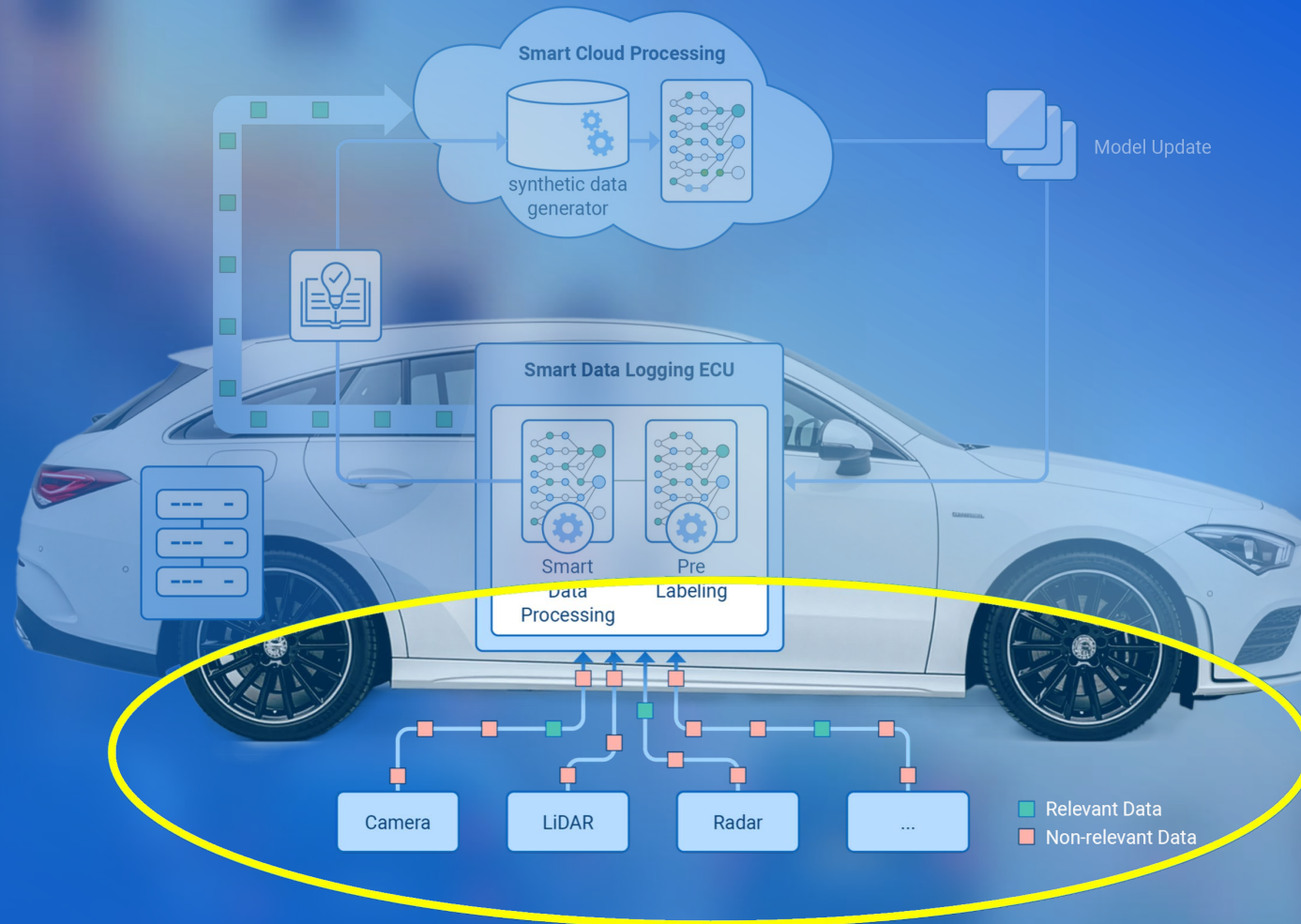


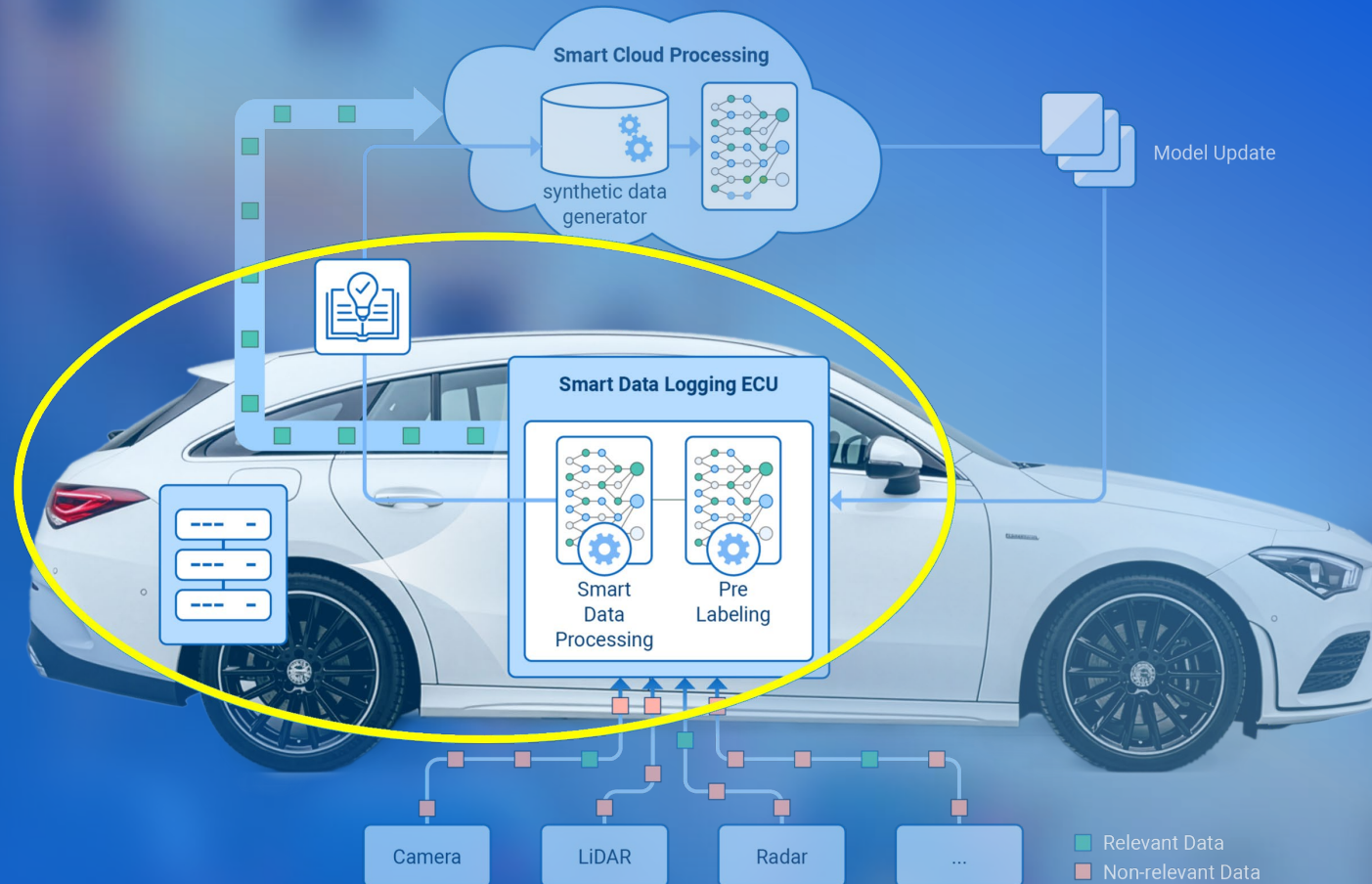
Outlook: It's all about better data



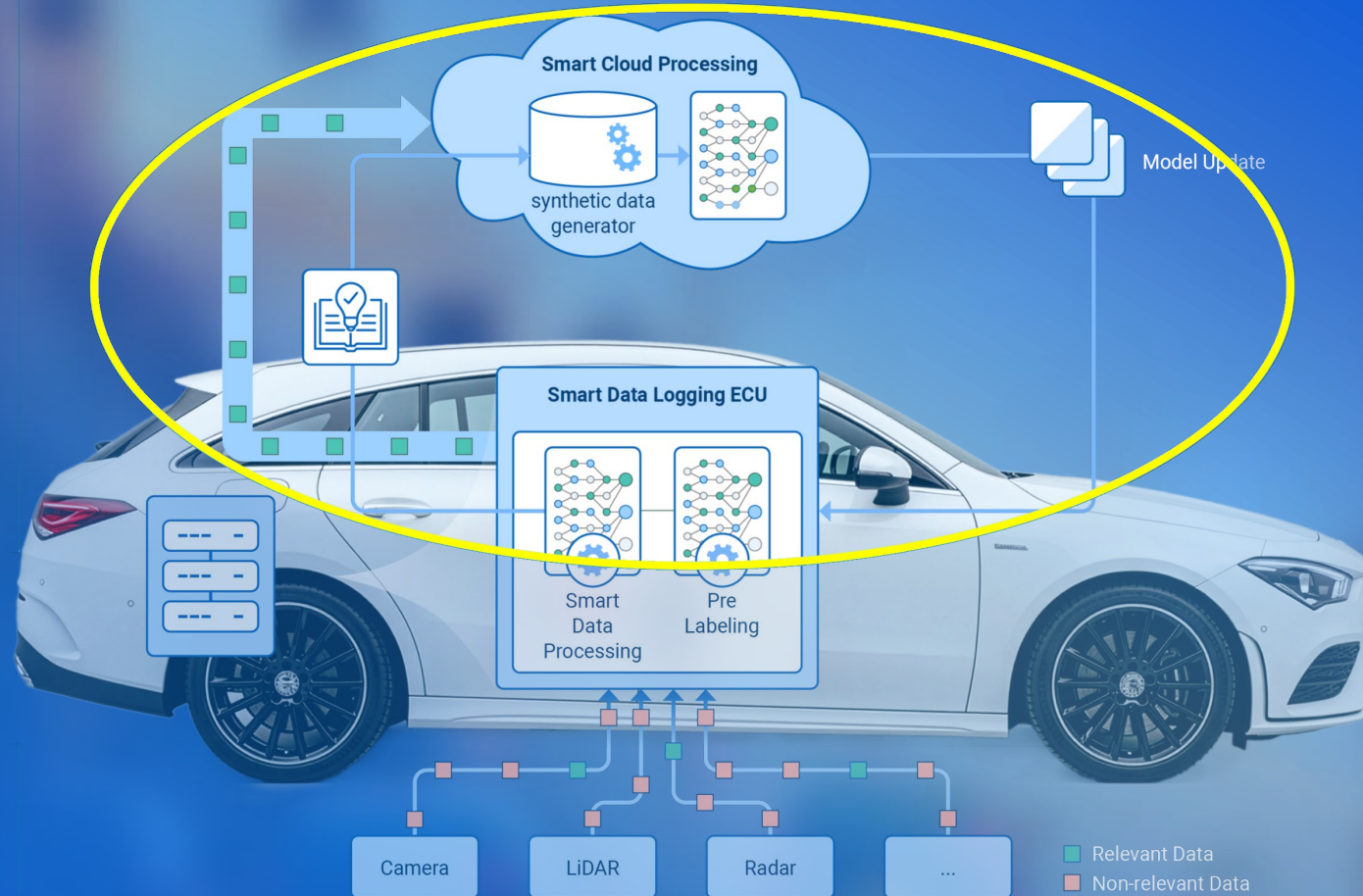
Source: EICT, FZI

jbDATA – Defining the Essential Requirements

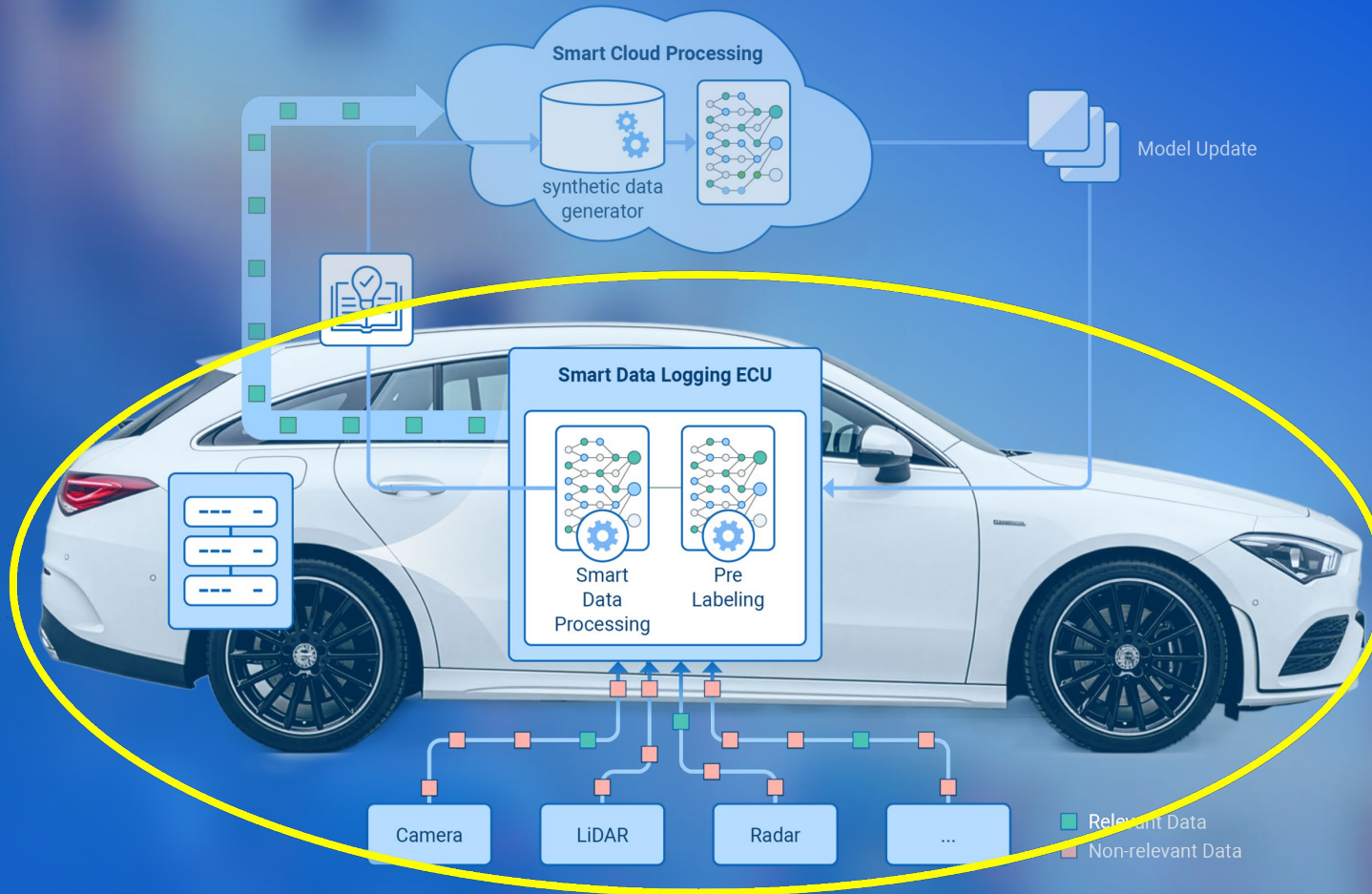




jbDATA – Smart Data Loop



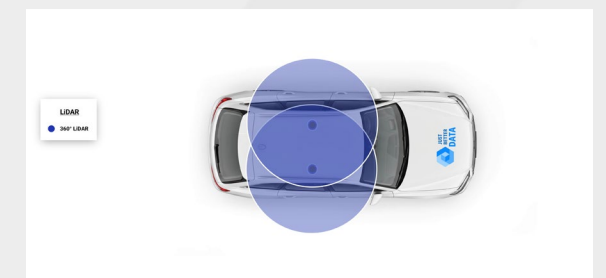
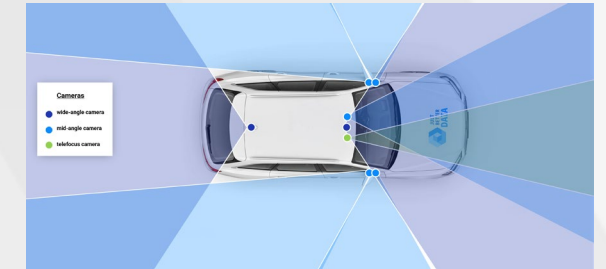
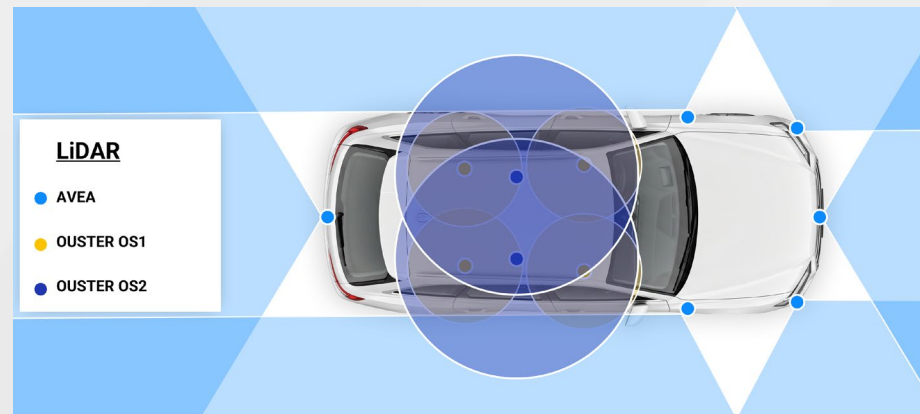
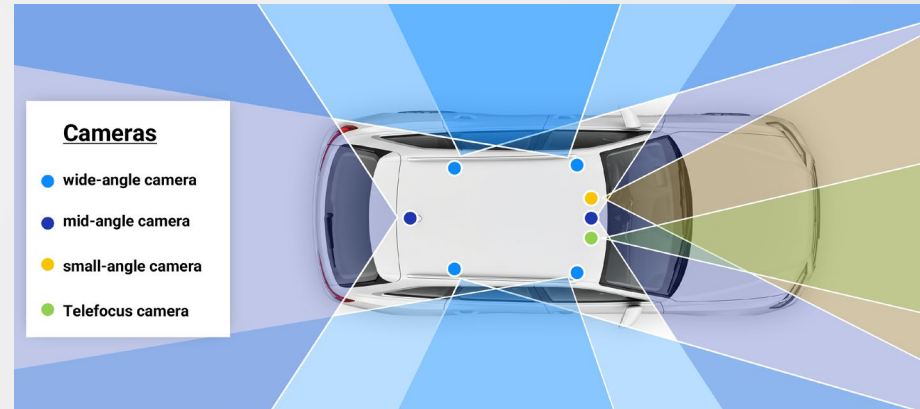
jbDATA - Prototype Implementation of the Data Loop and Verification





Multimodal Sensorsetup

- ✓ Camera (RGB)
- ✓ LiDAR
- ✓ GPS
- ✓ Radar
- ✓ IMU (o. INS)



Research Vehicle Setup



Source: AVL



Source: THD



Source: FZI



Source: THD



Source: Valeo



**JUST
BETTER
DATA**

just better DATA – Success Stories

Azarm Nowzad | AUMOVIO

Development of SMART DATA LOOP prototypes in close cooperation with multiple project partners

Design and implementation of an EDGE PLATFORM Software Layer to harmonize heterogeneous sensor setups and enable uniform selection and processing algorithms

Development and deployment of advanced GenAI methods to enhance and enrich recorded data for improved data quality and usability

Creation of a standardized, usable DATASET for **Validation & Verification** purpose, provided in ASAM OPEN Label



jbDATA Success Stories - Publications

26 publications generated within jbDATA:

- **Strong presence at leading conferences** including ITSC, IEEE IV, ECCV, CVPRW and BMVC
- Publications in high-impact journals, e.g., **International Journal of Computer Vision (IJCV)**
- Presentation at **AUTO.AI & Mobility Innovation Summit 2026**

Cooperations

- Integration of results building on previous KI-Familie projects
- Alignment and handover of relevant DATA assets to subsequent projects



jbDATA Success Stories - Further activities

Webinars

From Data to Dataset - 16 June 2026

- Incl. In depth discussion on jbDATA Dataset

Synthetic Data - 23 June 2026

- Incop. all results regarding synthetic Data in the Smart Data Loop

jbDATA DATA

- Publication of a representative Dataset via justbetterDATA.de



Thank you for your attention!



Azarm Nowzad
AUMOVIO
azarm.nowzad@aumovio.com



Funded by
the European Union
NextGenerationEU

Supported by:



Federal Ministry
for Economic Affairs
and Energy

on the basis of a decision
by the German Bundestag



www.justbetterdata.de/en/home/
www.linkedin.com/company/ki-familie

just better DATA is a project of the KI Familie. It was initiated and developed by the VDA Leitinitiative autonomous and connected driving and is funded by the Federal Ministry for Economic Affairs and Energy.

images: title: EICT