

### **Published Databases**

### L3Pilot Final Event

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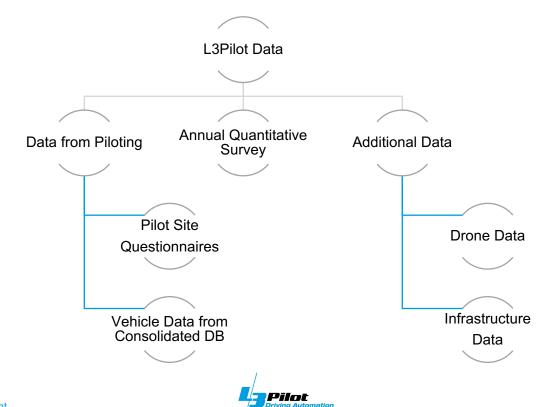


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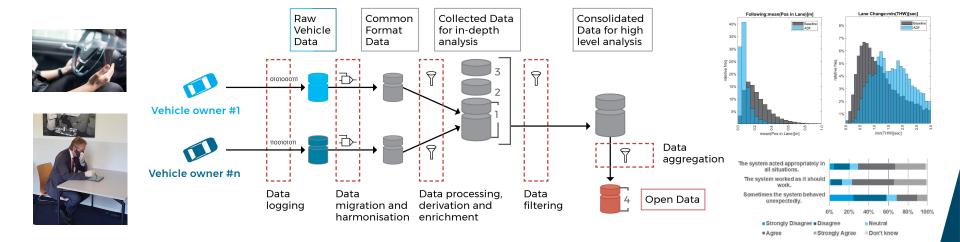
### Data in L3Pilot



# **Pilot Data**



### **Open Piloting Data**



#### To be published soon after the final event.





### The L3Pilot Open Dataset Overview

#### Vehicle data

- Excerpt of consolidated database
- Motorway & urban piloted vehicles
- Driving Scenarios:
  - Free Driving
     Lane Change
  - Car Following
     T
- Traffic Jam
- Up to 18 performance indicators per scenario
- ~ 600,000 rows of data

#### User data

- 22 questionnaire items from L3Pilot pilot site questionnaire
  - Demographics Information
  - Travel behaviour
  - Willingness to use
  - Non-driving related activities
  - Possible change in travel behaivour
- ~ 500 rows of data





## **Drone Data**





### The openDD Dataset A Large-Scale Roundabout Drone Dataset

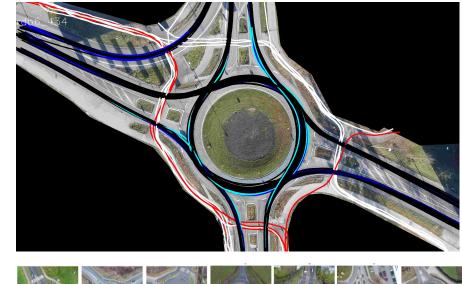




### The openDD Dataset

### A Large-Scale Roundabout Drone Dataset

- Provided by Volkswagen Group
  Innovation
- 7 roundabouts
- 62.7 h of data recorded
- 84,774 trajectories extracted
- Object classes:
  - Cars, vans, trucks, busses, pedestrians, trailers, motorcycles, bicycles





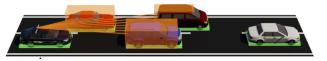


### The Drone-based Reference Dataset



- Provided by fka
- Combination of vehicle data and drone data
  - Vehicle data from fka urban Pilot vehicle
  - Drone data as reference data for in vehicle perception



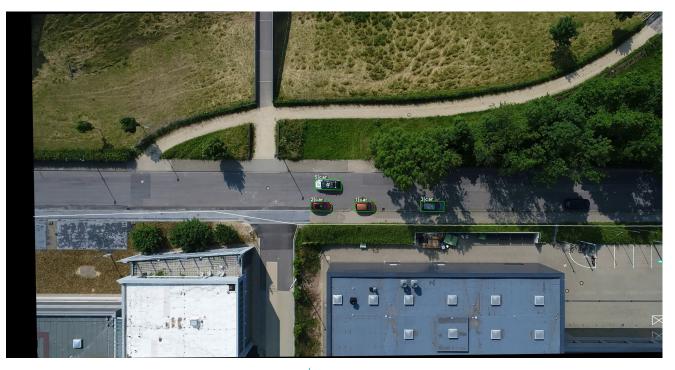




### The Drone-based Reference Dataset Sample of Drone Data as Reference



### The Drone-based Reference Dataset Drone following the Vehicle under Test

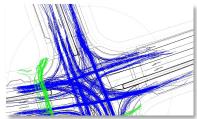


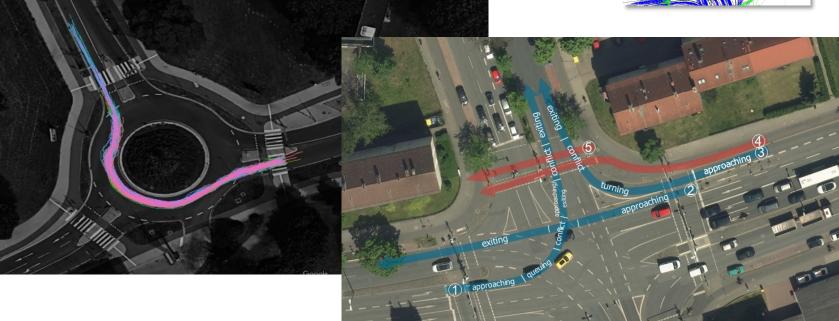


# Infrastructure Data



### AIM Dataset Application Platform for Intelligent Mobility





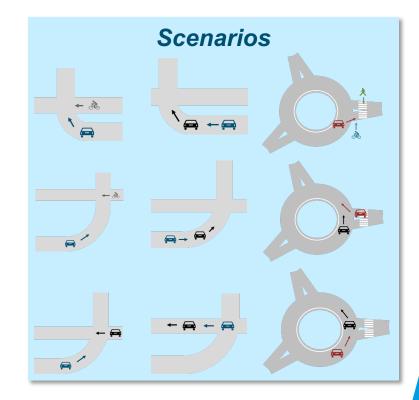


### Infrastructure Data The Dataset

- Provided by DLR
- Data acquired using the AIM
- 9 analysed driving scenarios
- 160,850 instances of scenarios analysed
- Various performance indicators characterising the scenarios:

Pilot

- Longitudinal acceleration
- Speed
- Traffic flow
- Interaction



### **Annual Quantitative Survey**







#### 71 questions

3 waves in one survey 27,970 car drivers responded 75% have heard of automated cars

57% intend to use L3

### Tomorrow – 17:15



### L3 Pilot Global User Acceptance Survey

Tanja Kessel, Final Event, October 14, 2021



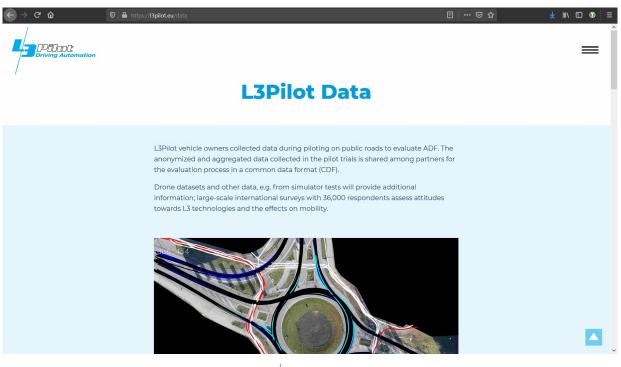
### How to find the datasets?



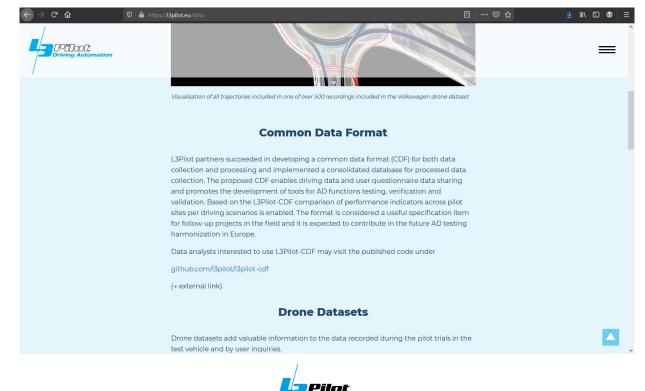


# l3pilot.eu/data

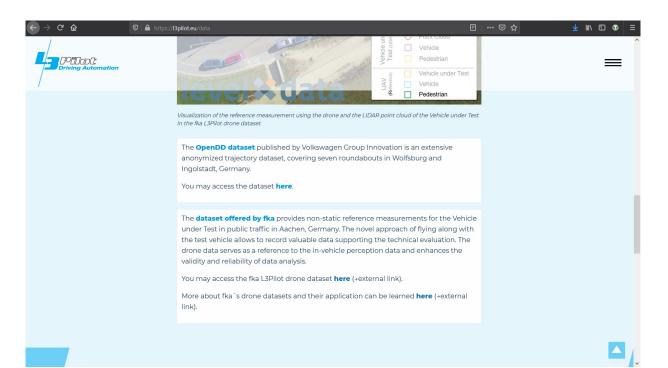




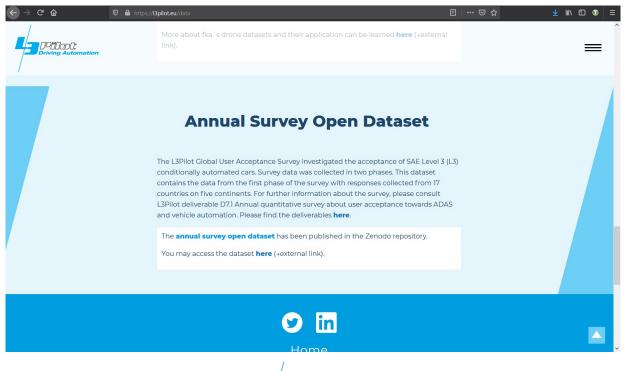




ing Automation











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### Thank you for your kind attention.

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