

# FOT Execution

## Conducting an FOT: Experiences of the German 2 VMC

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[www.eurofot-ip.eu](http://www.eurofot-ip.eu)

eur  
FOT

Bringing intelligent vehicles to the road

# Structure of the German VMC



# Studied functions

Usage of navigation systems and their impact on driving.

Comparison of 2 HMI-solutions:

**built-in**



VS.

**mobile**



# Data logging

- ⌘ Extensive CAN + Video logging
- ⌘ Data loggers are in-house solutions developed / adapted for euroFOT
- ⌘ All vehicles are equipped with full assistance package  
→ required extra sensors are already integrated in vehicles (e.g. distance to lead vehicle)



# Driver recruitment

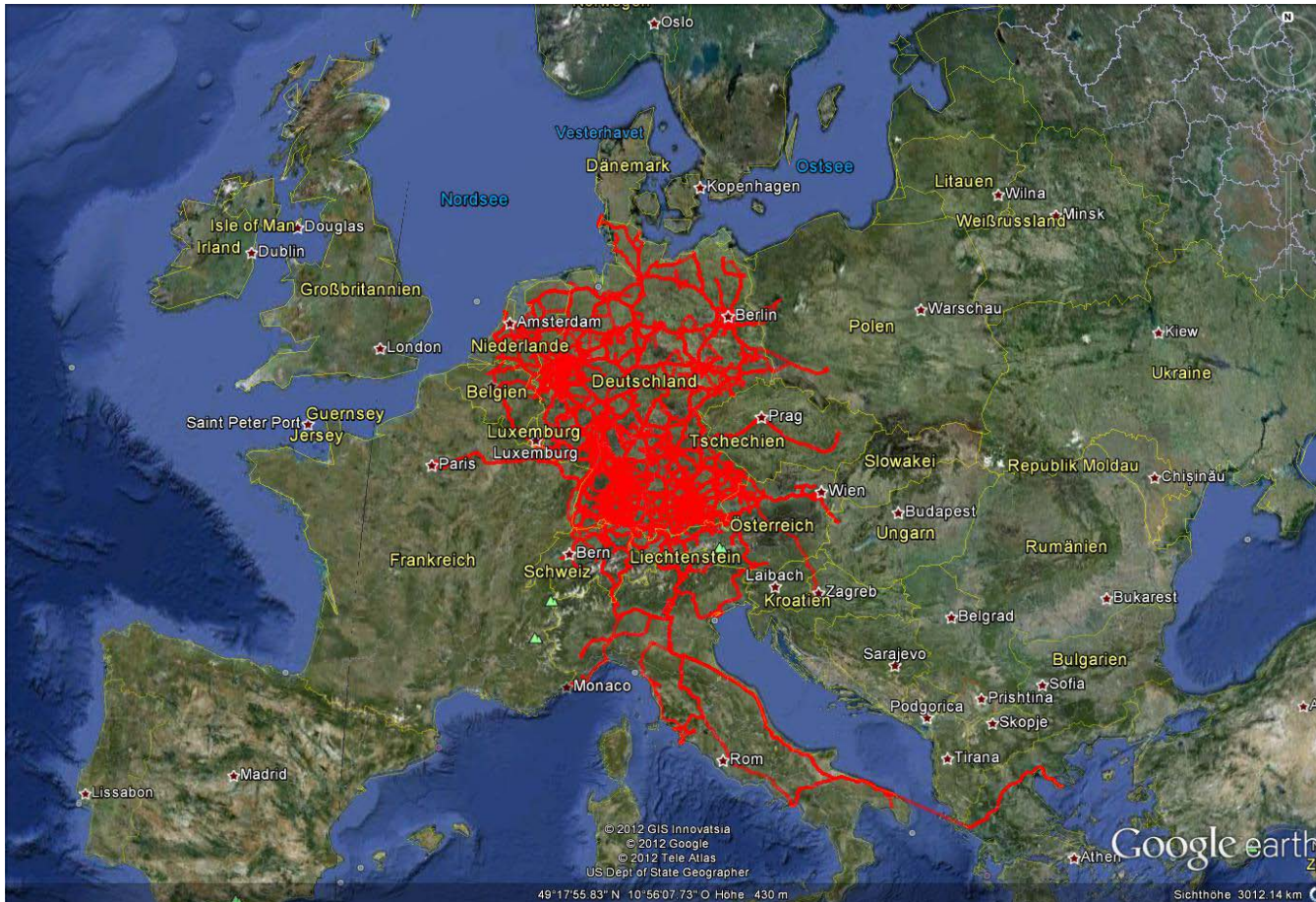
All vehicles used in the FOT are owned by the OEMs and given to the drivers for the time of their FOT participation.

	BMW	Daimler
Number of vehicles	15	15
Vehicle type	530	E-Class
Driver recruitment	BMW dealership Munich & BMW Research and Technology	Department for Quality Assurance
Incentives	Free use of vehicle for 3 months	Reduced leasing rates

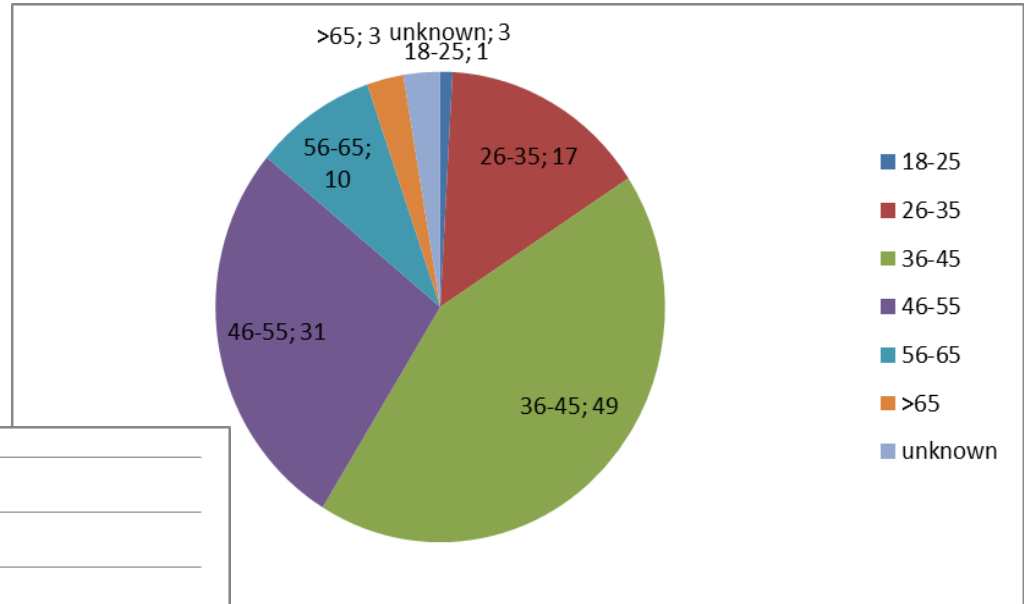
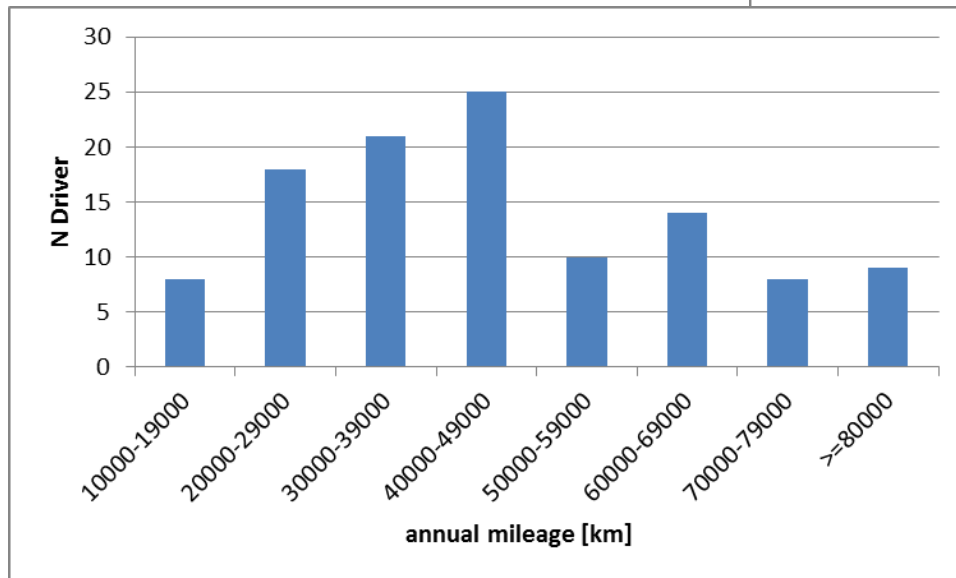


# Data base

~ 1 000 000 Kilometers



# Description of sample



# Lessons learned

## Enough time should be arranged for the piloting phase

- ⌚ Development and testing of data logger needed lots of expert knowledge and time
- ⌚ Testing of data analysis during the piloting helped to avoid problems during the FOT

## Use of costumer vehicles turned out to be not feasible

- ⌚ All vehicles should be equipped with full assistance package -> low selling rates
- ⌚ Drivers not willing to have their own vehicle equipped with a complex data logging system

## Driver recruitment was more difficult than expected

- ⌚ Selection based on pre-defined criteria was not feasible
- ⌚ Sample reflects costumers of involved OEMs



**8 Functionalities, 28 Partners, 1000 Vehicles**

**1 Field Operational Test, 8 Functionalities**

**28 Partners, 1000 Vehicles, 1 Field Operational Test**

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