



**UDRIVE**

European Naturalistic  
Driving Study

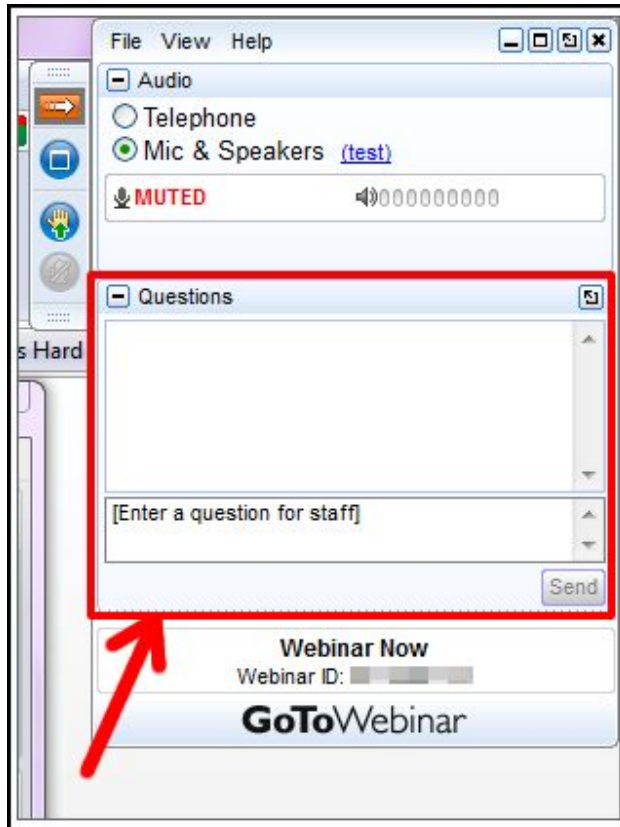
# Secondary Tasks while Driving

Webinar 8/3/2017 - General introduction

# Agenda

- 11:30 Introduction to the UDRIVE project and to the work on secondary tasks (Oliver Carsten, ITS-Leeds)
- 11:40 Analytical approach: major research questions and data extraction (Oliver Carsten, ITS-Leeds)
- 11:55 Q&A
- 12:05 Auto detection of secondary tasks (Laurette Guyonvarc'h, LAB)
- 12:20 Q&A
- 12:30 Wrap up
- 12:35 End

# To raise a question during or after a presentation



# What are Naturalistic Driving Studies?

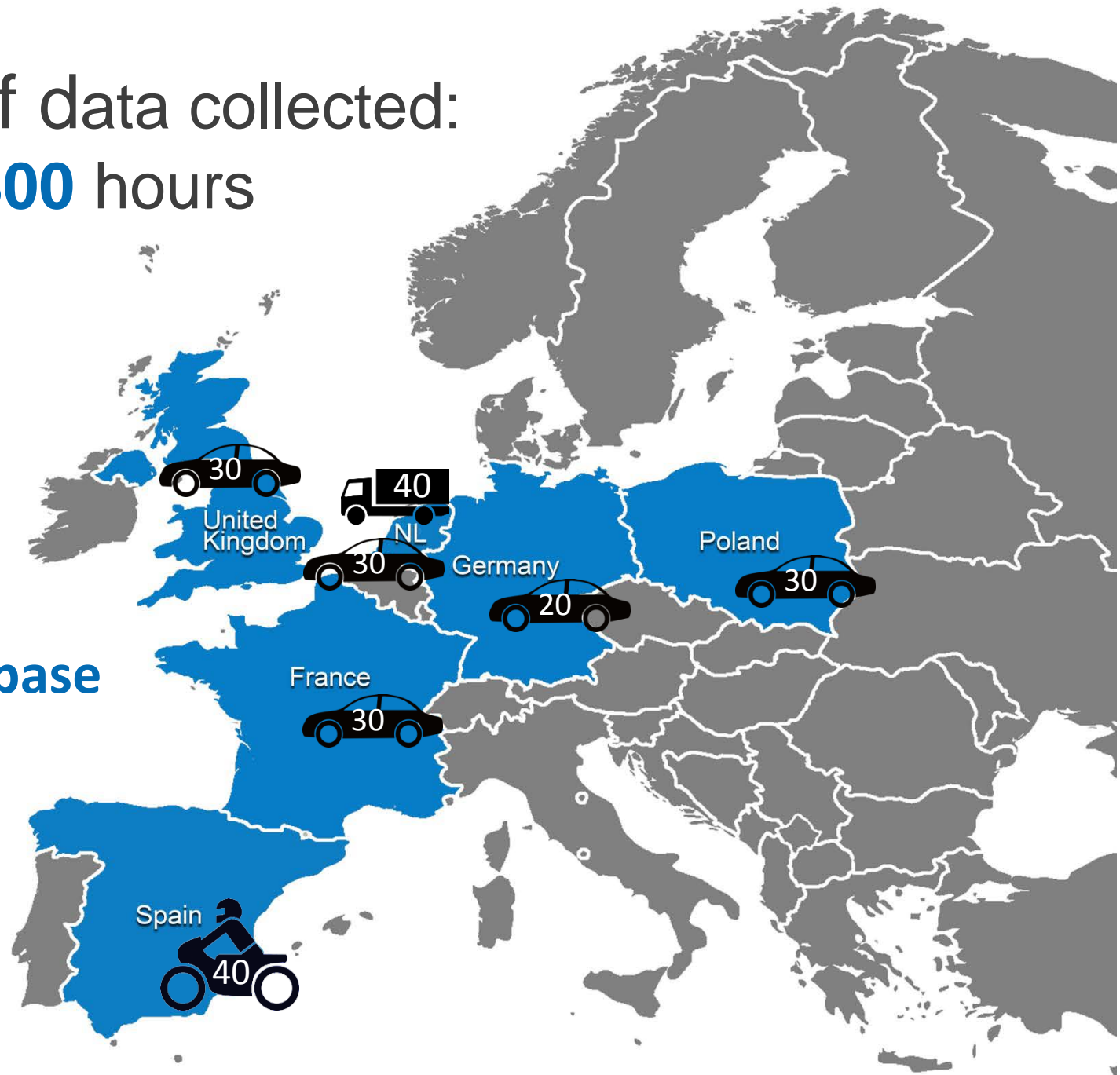
Observing drivers in their natural habitat with automated equipment



Hours of data collected:  
over **66,800** hours

One DAS

One Database



# Camera Positions – Cars

- Front view wide (3 cameras)



- Driver view



- Driver's feet



- Cabin view

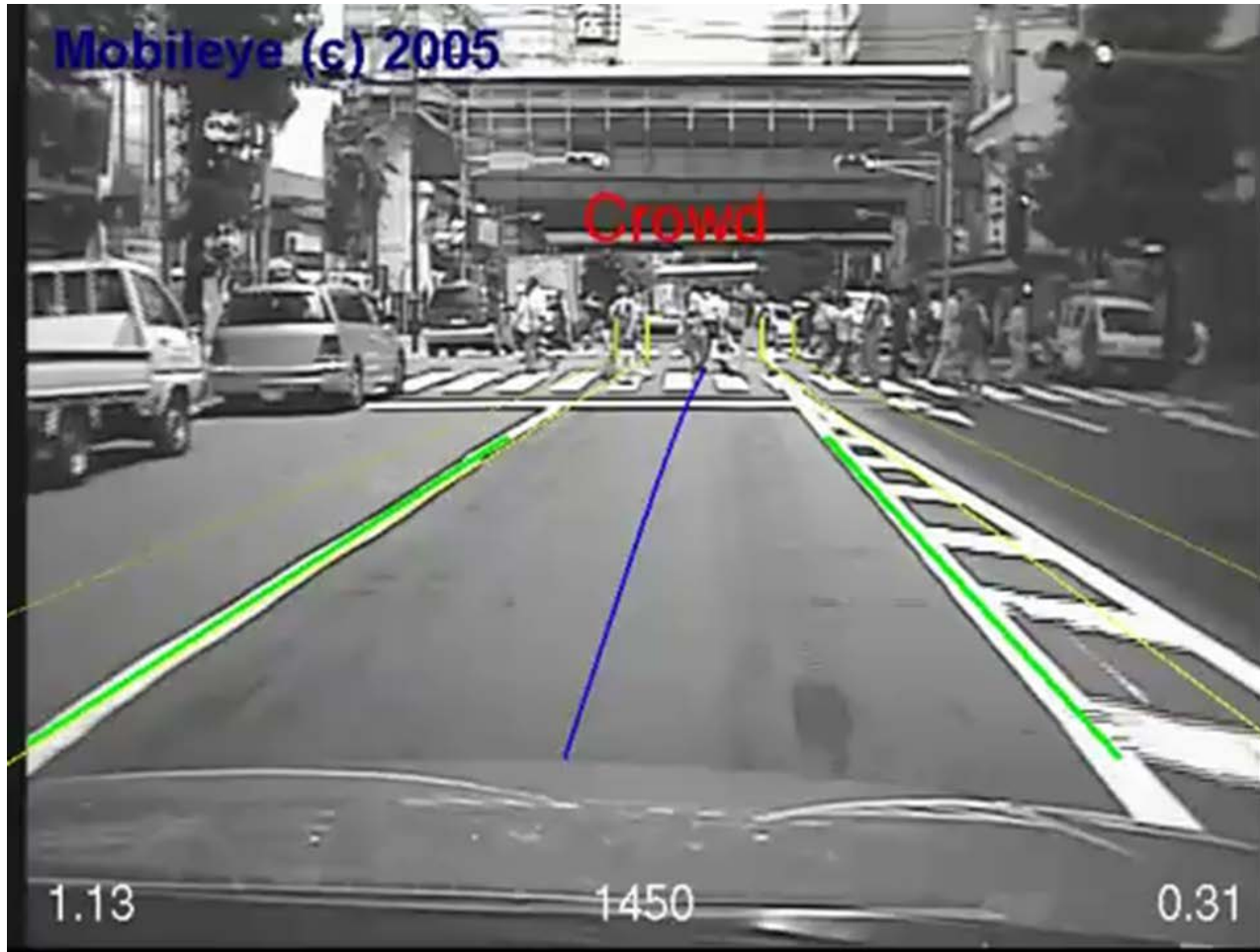


- Over-the-shoulder view



7 cameras

# UDRIVE: Sensor data



# UDRIVE: Analysis tool and annotation





# Major focus of the work on secondary tasks

- Who?
- Where?
- What?
- When?
- How?

# Major focus of the work on secondary tasks

- Who is doing it?
- Where are they doing it?
- What are they doing?
- When, i.e. in what circumstances, are they doing it?
- How are they managing the situation?
  
- So another way to look at it is that we are examining to what extent drivers are successfully self-regulating