The interACT project

Designing cooperative interaction of automated vehicles with other road users in mixed traffic environments

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• VIDEO
INTEGRATING AUTOMATED VEHICLES IN MIXED TRAFFIC

Situation Today

Future situation: Automated vehicles in mixed traffic environments

On-board driver

Other traffic participants

On-board user

Other traffic participants

Vehicle automation
The challenge

Achieve a safe, highly accepted and efficient integration of Automated Vehicles in mixed traffic environment

1st Enabler
Psychological models

2nd Enabler
Intention recognition & behavioural predictions

3rd Enabler
CCPU & safety layer

4th Enabler
Novel HMI elements

5th Enabler
Methodology for assessing the quality of interaction
PROJECT FACTS AND CONTACT

Period: May 2017 – April 2020
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US - EU twinning project: AVIntent (NHTSA)

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