



**interACT**

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

## **interACT – Project overview**



*Marc Kaup  
HELLA GmbH & Co. KGaA*

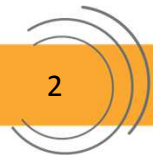
# Integrating automated vehicles in mixed traffic



## Situation Today



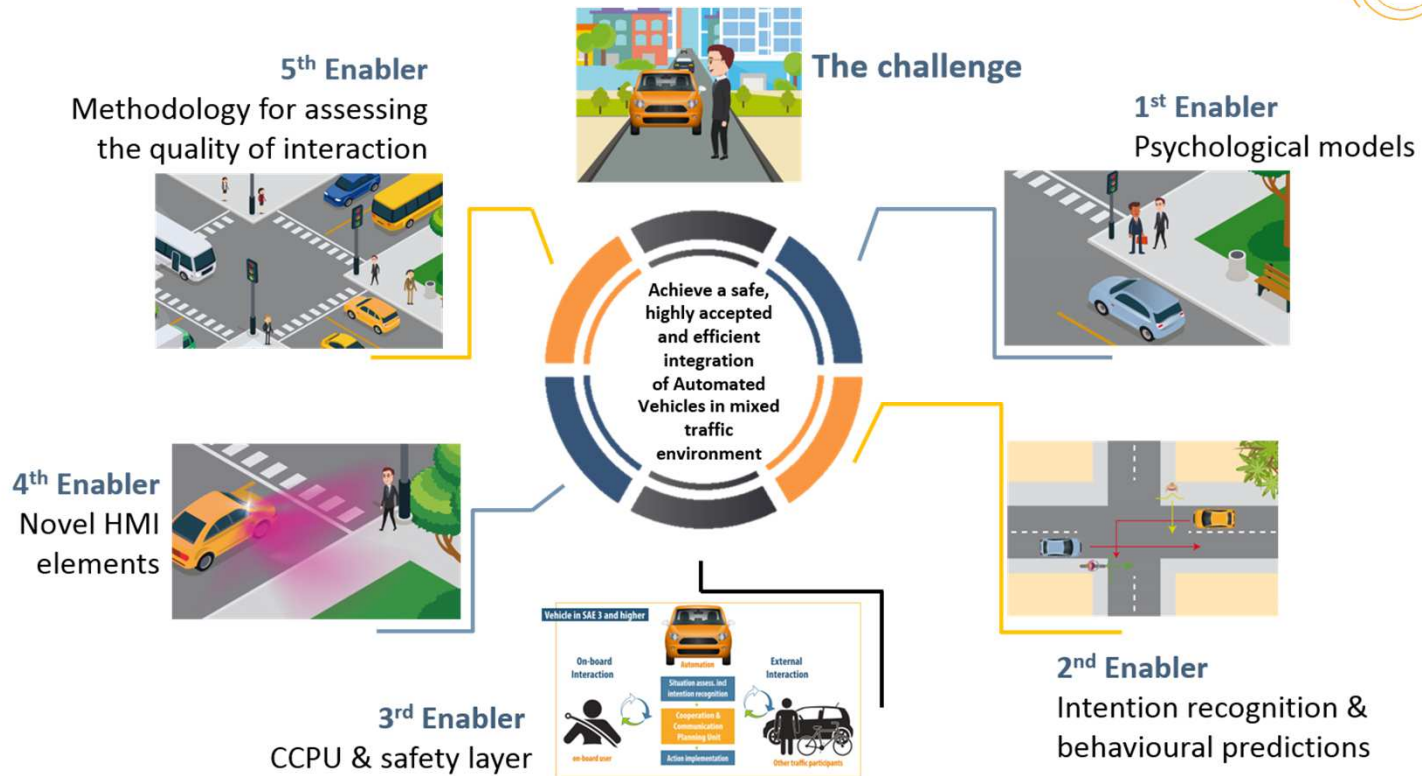
## Future situation: Automated vehicles in mixed traffic environments



## Challenges of interACT

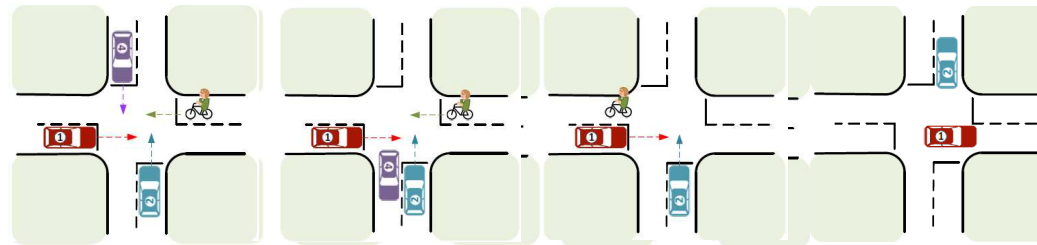
- The interACT project will address the following challenges:
  - **Safe integration of AVs** (SAE level 3 and above) into complex, mixed traffic environments.
  - Solutions for **expectation-conforming interaction** of AVs with other road users and on-board users.
  - **Increase in user acceptance** and ease-of use by appropriate AV design.
  - Increase the **overall safety and reliability** of AVs in mixed traffic environments.



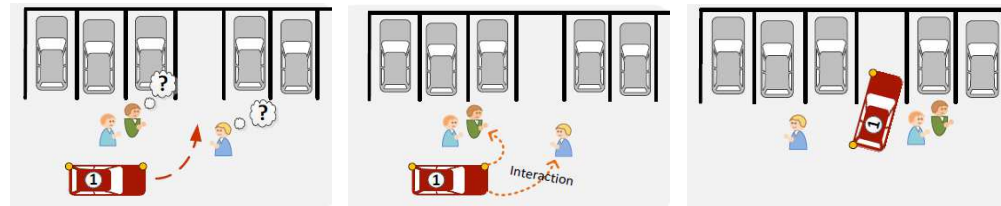


## Focus on Urban Use Cases – Result of WP1

- (Unregulated) Intersection



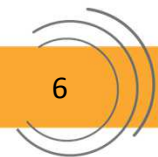
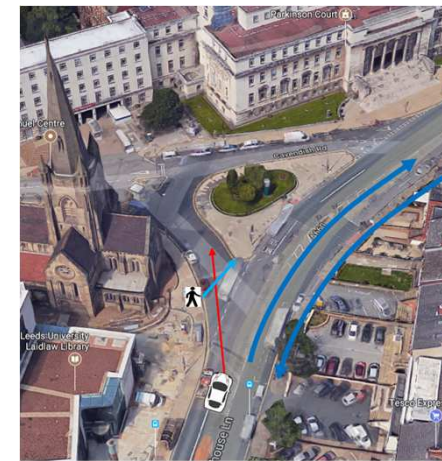
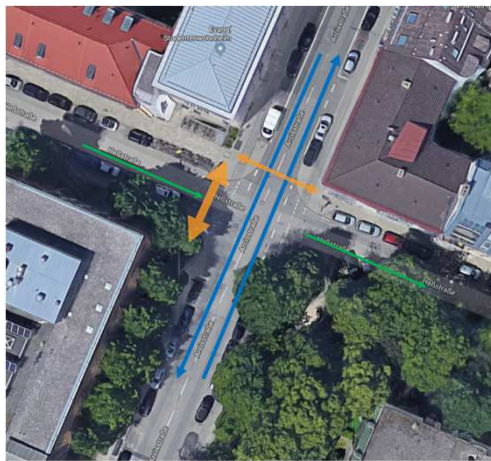
- Parking Space (Shared Space)



# Cross-culture Observations – Task of WP2

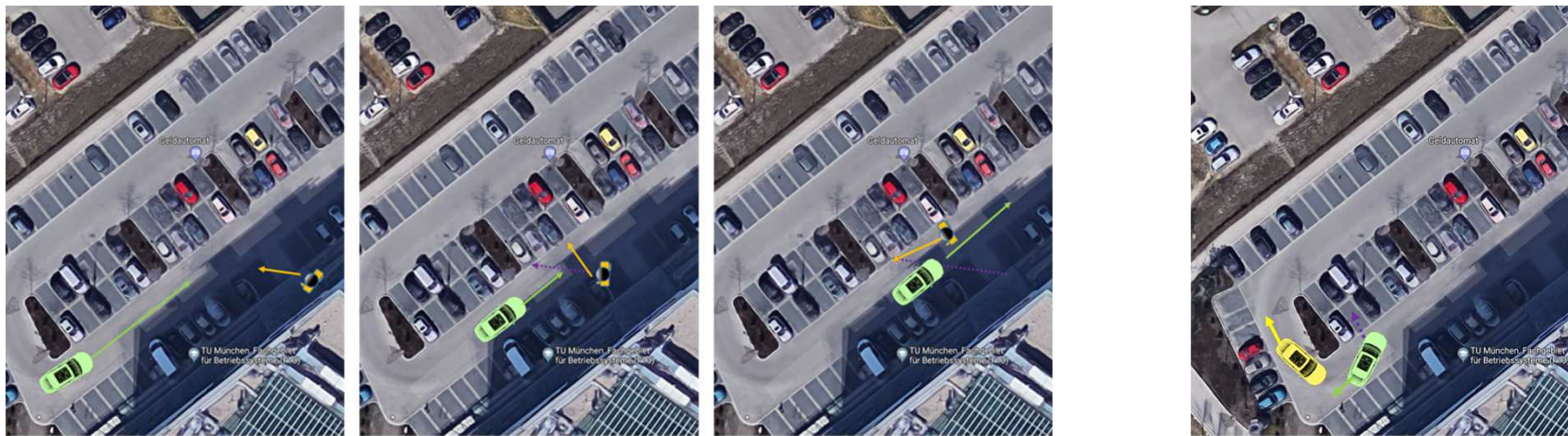


- (Unregulated) Intersection



## Cross-culture Observations – Task of WP2

- Parking Space (Shared Space)



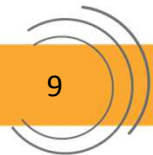
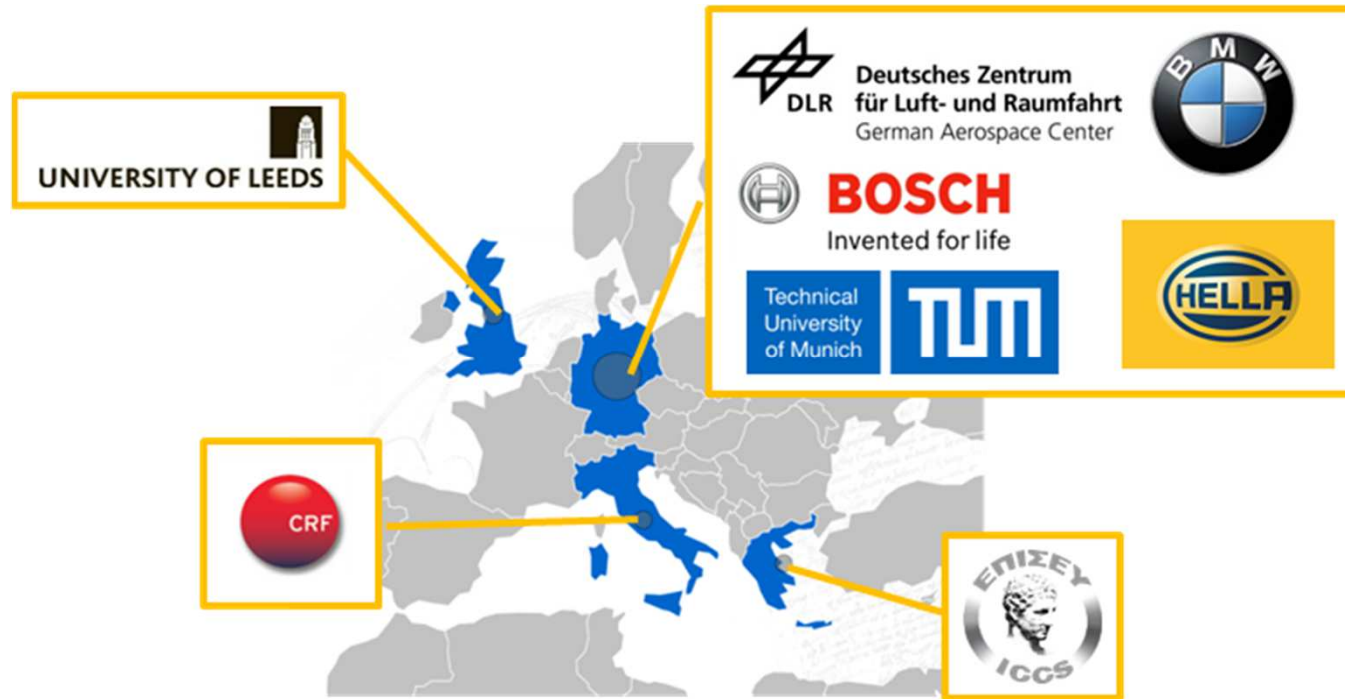
## Project facts

- **Programme:** EU/H2020-ART04 - *Safety and end-user acceptance aspects of road automation in the transition period.*
- **Duration:** 36 months
- **Period:** May 2017 – April 2020
- **EU Funding:** 5.527.581 €
- **Coordinator:** Anna Schieben, DLR
- **Partners:** 8 industrial and academic partners from 4 European countries (Germany, Italy, Greece, UK)
- **Project Officer:** Georgios Charalampous (INEA)
- **US - EU twinning project:** AVIntent (NHTSA)





# Project consortium



## Project stakeholder

- Visit us on

[www.interACT-roadautomation.de](http://www.interACT-roadautomation.de)

- Become Stakeholder of the project. Get in contact to our project coordinator:

*Anna Schieben*

*German Aerospace Center (DLR)*

*Lilienthalplatz 7, 38108 Braunschweig / Germany*

*Phone: +49 531 295 3426*

*E-mail: [anna.schieben@dlr.de](mailto:anna.schieben@dlr.de)*



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Thank you



Marc Kaup  
marc.kaup@hella.com



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