

PROJECT

CERMcity

Forschungsprojekte - Automatisiertes Fahren

Funding: National (Germany)

Duration: Oct 2016 - Sep 2019

Status: Complete



Objectives:

CERM is an interdisciplinary center for the development and assessment of connected mobility. CERM establishes a holistic tool chain to validate connected mobility systems focusing on controlled field tests. CERM aims to achieve the following aims:

- Provide globally relevant communication technologies (e.g. V2X, DSRC, LTE etc.) at the test track
- Define a systematic approach to validation and evaluation of innovative connected technologies
- Transfer measurement data from field tests to a suitable simulation environment
- Define a holistic tool chain for the accurate and reproducible assessment of errors in connected systems and relevant communication technologies (e.g. availability, communication, functional safety etc.)
- Establish a server infrastructure connecting all sensor systems and communication devices at the test track to record measurement data with an appropriate time synchronization

Other funding sources: Bundesministerium für Bildung und Forschung

Lead Organisation:

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STRIA Roadmaps: Cooperative, connected and automated transport

Transport mode: Road transport

Transport sectors: Passenger transport, Freight transport

Transport policies: Digitalisation

Geo-spatial type: Other