

ConnRAD – Connectivity and Resilience for Automated Driving

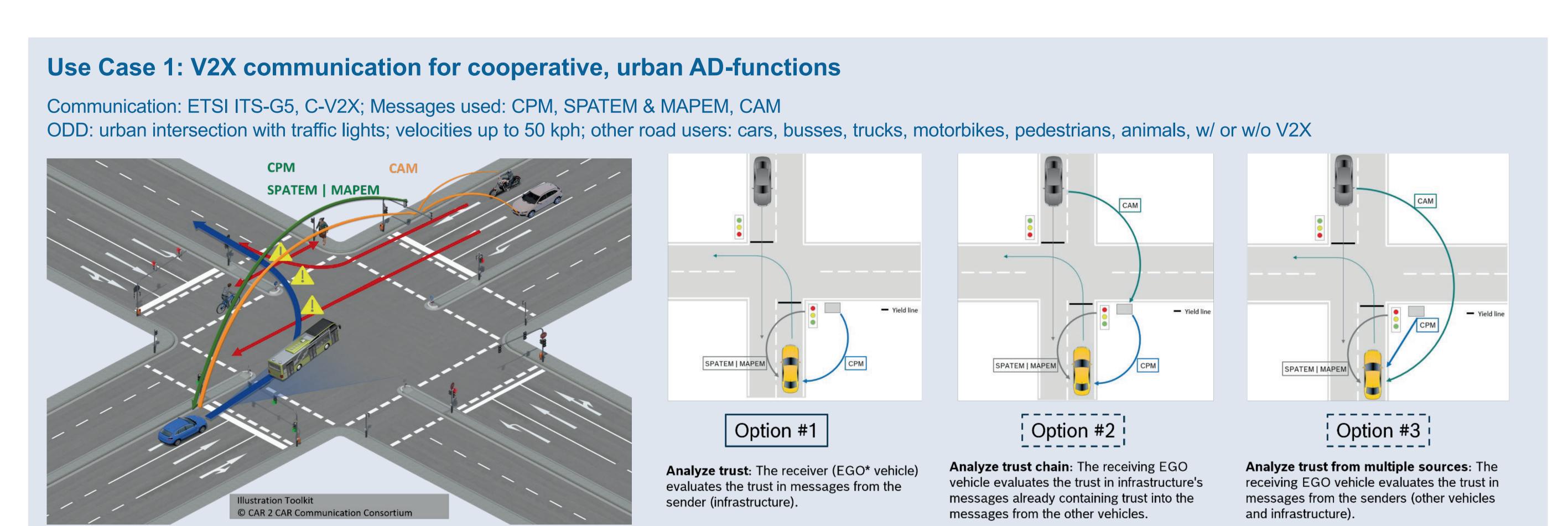


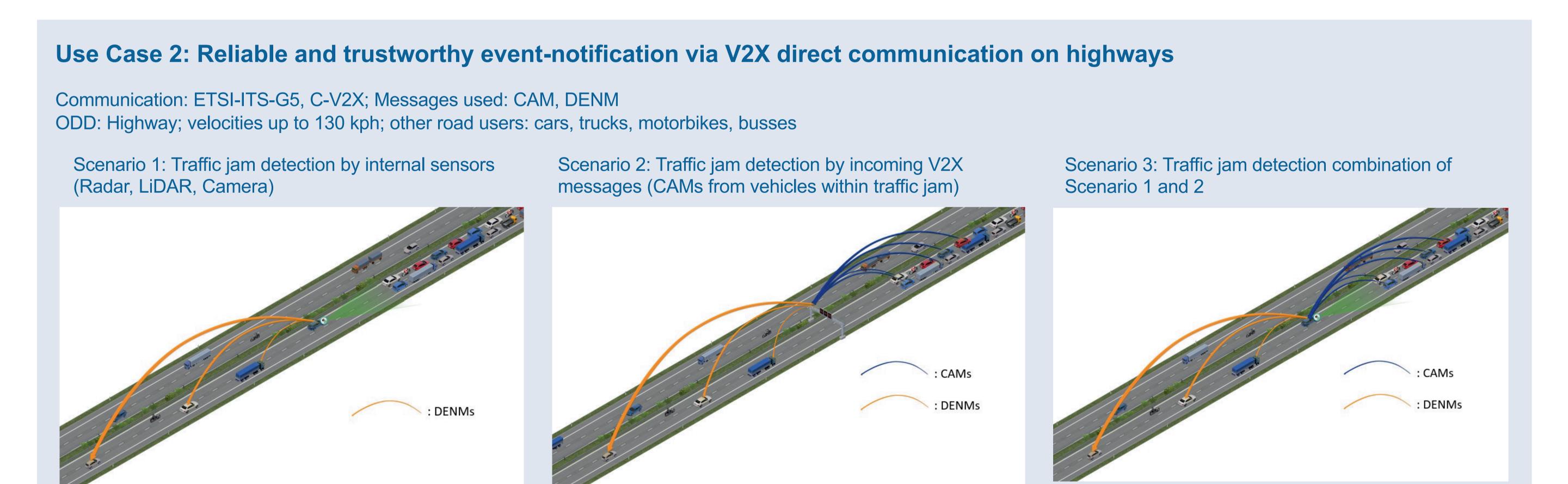
Midterm Presentation Berlin 6G Conference, 01. - 04.07.2024

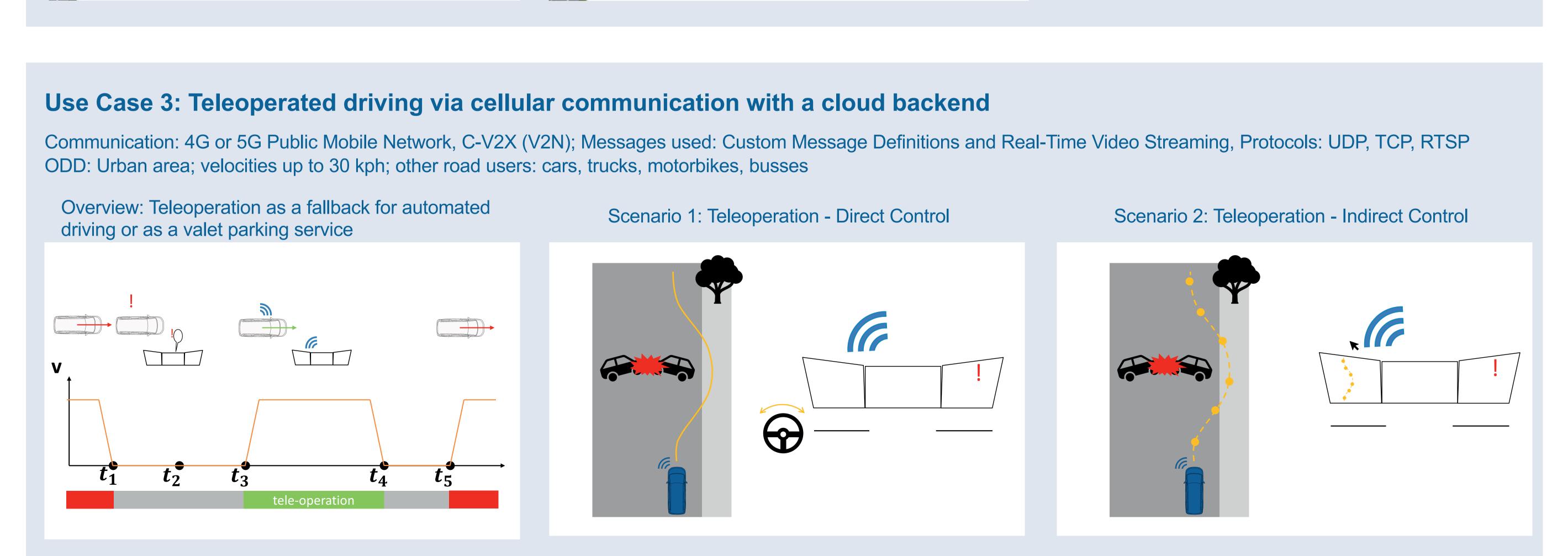
ConnRAD Use Cases for Automated Driving Functions

Motivation

- In the ConnRAD-Project, possibilities for resilient V2X communication are investigated with respect to three different use cases
- The use cases differ in
 - the communication technology used (ETSI ITS G5, C-V2X, cellular),
 - the messages used (CAMs, DENMs, CPMs, SPATEM/MAPEM, proprietary)
 - and the environment/ODD (urban, rural, highway; different velocities, different road users, ...)
- Subsets of the use cases are planned to be realized in simulations, real world tests and demonstrators
- The use cases allow, besides security considerations, to investigate safety-relevant aspects of V2X communication

























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