



Demonstration II (BMW Ko-PER, Ko-TAG)

FORSCHUNGSINITIATIVE
K O - F A S



Project Ko-PER

BMW Ko-PER

The vehicle is equipped with a self localization system, a 360° perception and a communication module. It combines the local perception results with the perception results of other vehicles or the intersection. These cooperative fusion results are the input to the on-board situation analysis and HMI modules.

BMW Ko-TAG

The vehicle is equipped with a self localization system, the Ko-TAG v2.0 antenna and a communication module. Based on the cooperative transponder technology vulnerable road users e.g. pedestrians or cyclists are detected. These perception results are sent to other vehicles as well as to the on-board situation analysis and HMI modules.



Cooperative VRU Safety in Longitudinal Traffic and at Intersections

