



CMC Newsletter February 2021

A wider scope for CMC 'Next'

BMW Motorrad, Honda Motor Co. Ltd., KTM AG, and Yamaha Motor Co., Ltd. signed an agreement in December 2020 to continue cooperation from 2021 onwards to further enhance Motorcycle safety and assure that motorcycles maintain their role in future mobility. Suzuki Motor Corporation and Triumph Design Ltd. expressed their intention to support the common activity in CMC 'Next'.

The approach is widened and the work will include investigating conspicuity of motorcycles by Advanced Driver Assistance Systems (ADAS). This 'system' approach looks at creating synergies between on-board sensor systems and connectivity.

CMC members consider safety as a goal for the industry and are in favour of a strategy on improving motorcycle rider's safety.



Connectivity between vehicles can inform drivers about motorcycles to avoid they are being 'overlooked'

CMC Basic Specification as milestone

Since its establishment in 2016, CMC has worked on a Basic Specification for motorcycle specific V2X* connectivity systems.

CMC has launched this 'CMC-Basic Specification' on December 11th, 2020. The Basic Specification is a first step to describe the function of motorcycle V2X systems. In a further step beyond 2020, the participating manufacturers will define further essential functional requirements to standardise in detail.

CMC Basic Specification is further explained and documents are available for download on the CMC website: <https://www.cmc-info.net/>

The website is also recently updated with various videos that contain examples of important scenarios, to showcase the advantages of connectivity between vehicles. <https://www.cmc-info.net/safety.html>

CMC 'Next' increases cooperation with car & other vehicle industries

A further crucial step for CMC 'Next' after 2020 is the cooperation with the car industry and other vehicle manufacturers since motorcycles shall communicate in a standardised way. Modern cars are increasingly equipped with on-board sensor systems (radar, camera, etc.) and driver assistance systems. These vehicle systems need to include motorcycle requirements in order to enhance their safety effects in case of mixed traffic with motorcycles.

CMC believes that tailored motorcycle/car scenarios and tests need to be developed and standardised.

The new organisation has started its activity in January 2021. The six motorcycle manufacturers encourage other motorcycle manufacturers, suppliers, car manufacturers and other related organisations to join the cooperation to further pursue the deployment of new elements for motorcycle safety.

**V2X in terms of wireless communication technology stands for 'Vehicle-to-Everything', including 'Vehicle-to-Vehicle' and 'Vehicle-to-Infrastructure'.*

**The term 'motorcycle' in this text covers all types of Powered Two Wheelers (PTW).*