

Joint Development of C-ITS Communicators for Motorcycles

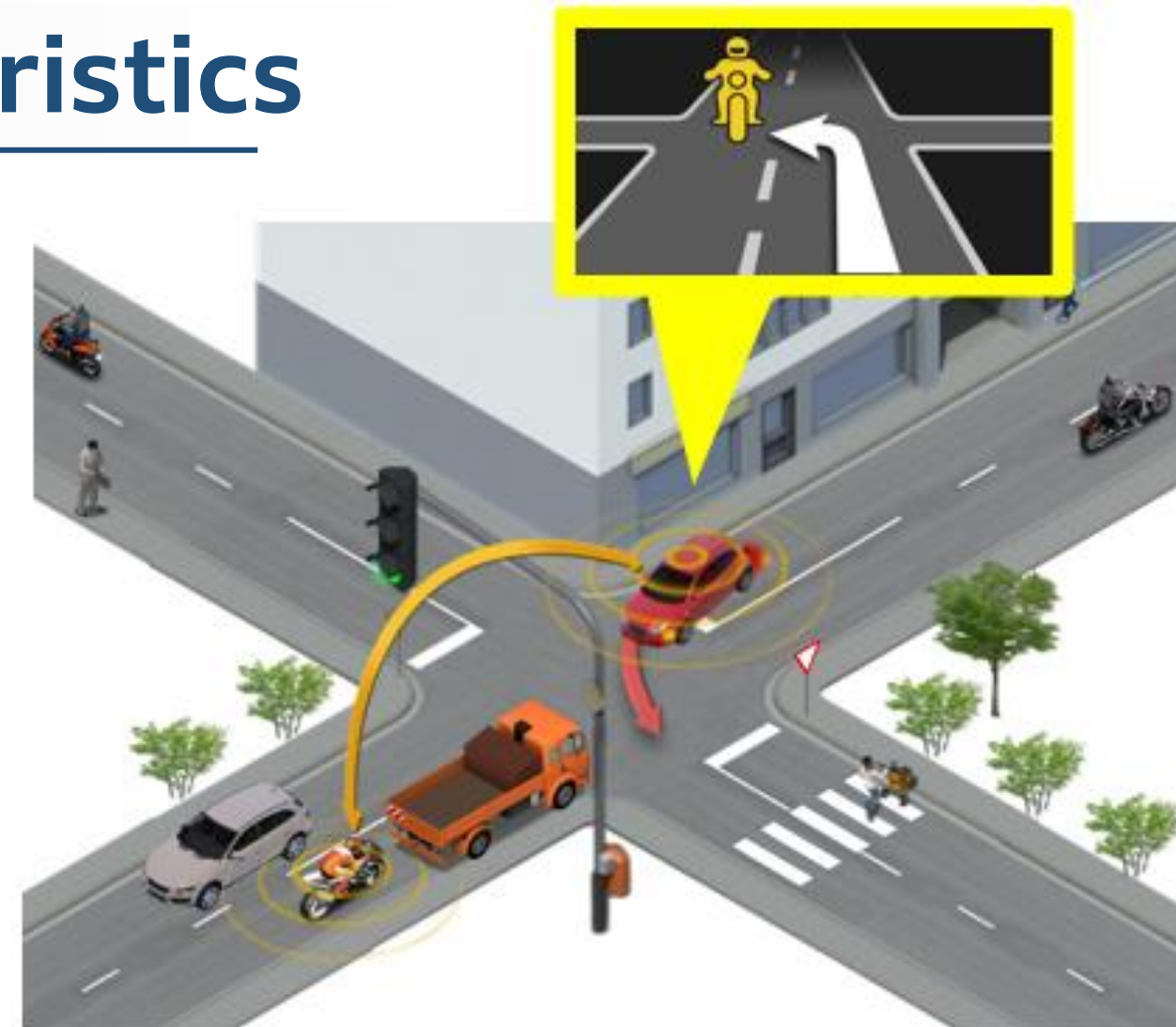
Work together with motorcycle and automobile OEMs on research, development, and promotion of the international standardization of communication with automobiles that use C-ITS* and cost reductions for mass-production issues.

*Cooperative-Intelligent Transport Systems for motorcycles

Technology Characteristics

Technology to prevent motorcycles from being overlooked

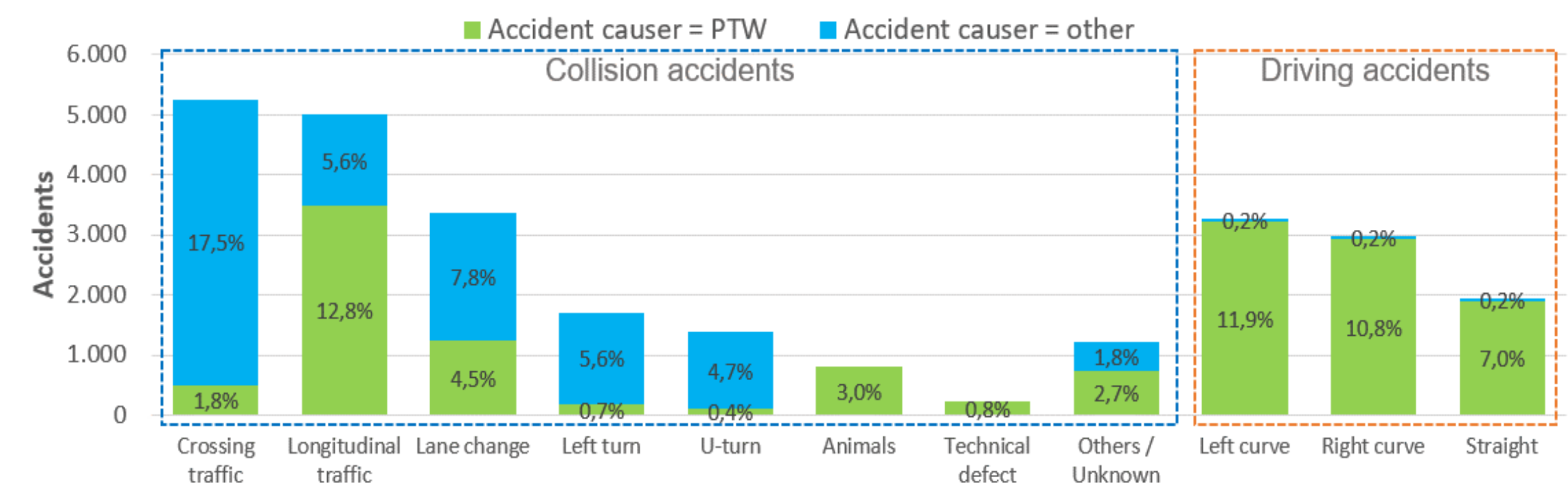
- Detect motorcycles lurking in blind spots through communication
- Notify/alert riders and drivers about the presence of automobiles and motorcycles
- Effective at intersections, during lane changes, during left turns, and at blind spots



Reason why accidents have not decreased:
Motorcycles are not recognized



Causes of Accidents in PTW Scenarios



Activity Details

The CMC (Connected Motorcycle Consortium) was established by BMW Motorrad, Yamaha Motor Co., Ltd., and Honda in 2016.

1. CMC Activity

1st Period (2016–2020): Established and standardized basic specifications. Unveiled on the website in 2020.

2nd Period (2021–2023): Coordination with automobiles and demonstration tests. A demonstration event was held in 2023.

3rd Period (2024–Present): Promotion of international standardization. Collaboration with other consortiums and government agencies.

2. Joint Development

Phase 1: Honda's motorcycle and automobile groups will work together to develop communicators. Aiming for putting into practical use around 2028.

Phase 2: Ask motorcycle and automobile OEMs to participate. Publicly disclose specifications and carry out joint development.

CMC Members



External Organizations



Aim at the realization of a cooperative safety society in collaboration with not just the motorcycle industry, but with automobile OEMs and other stakeholders as well.