Motorcycle AEB Safety Strategy - Motorcycle AEB -

Honda R&D Asia Pacific Co., Ltd.



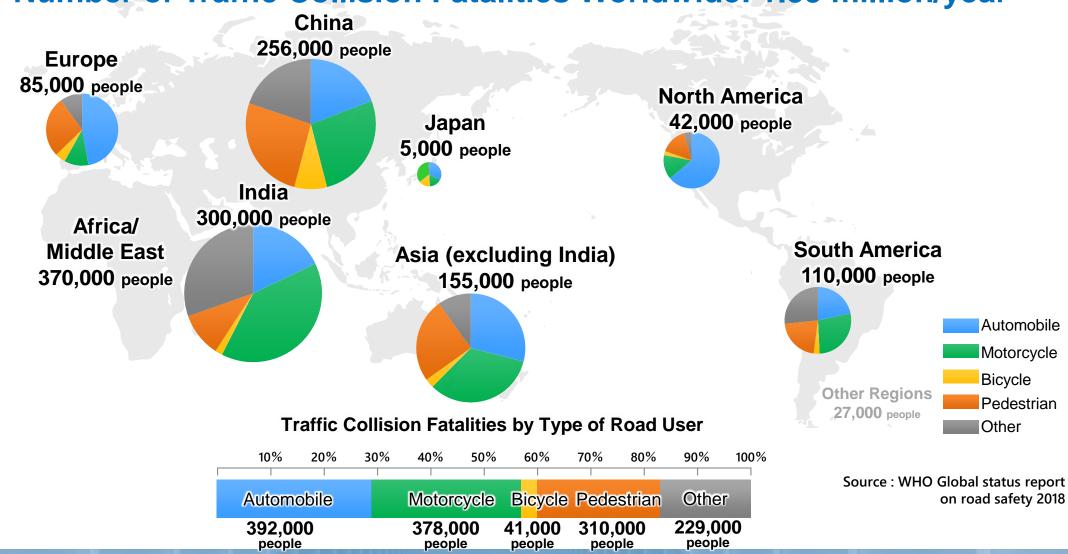






Current Situation of Traffic Collisions

Number of Traffic Collision Fatalities Worldwide: 1.35 million/year

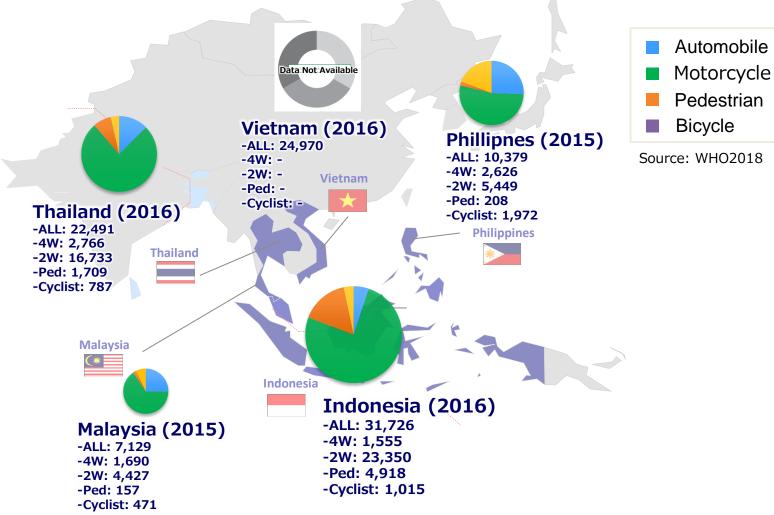




Current Situation of Traffic Collisions

ASEAN

The 2W fatal accidents in the ASEAN countries are serious







Results of survey on collision classification

Need to address issues with both "safety technology" and "safety education" through combined efforts in the areas of both motorcycles and automobiles

Results of traffic collision investigations (Thailand)





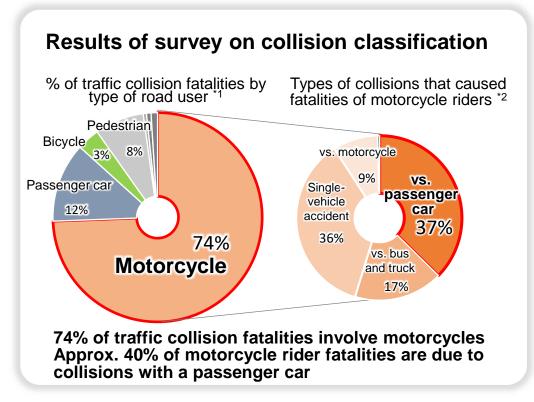


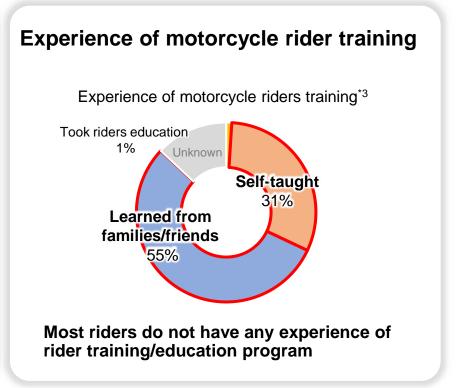






Obtained through cooperation between governments and automobile/motorcycle makers









Honda Automobile Safety Technologies



Advanced Compatibility Engineering (ACE) Body

Collision Mitigation Braking System (CMBS) (Known as "automatic emergency braking" or AEB)



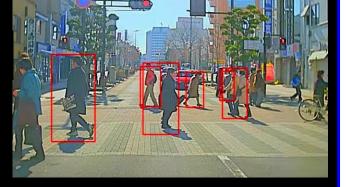
Advanced Driving Assist Systems (ADAS)

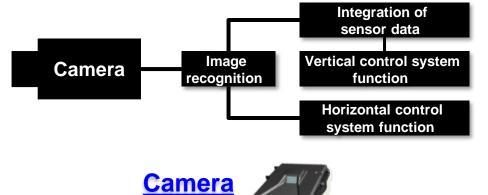
Driving Support not only for daily driving but also for collision avoidance



Camera

Recognition of target object attribute and size





Responds to high speed

Radar

Recognition of target object position and speed



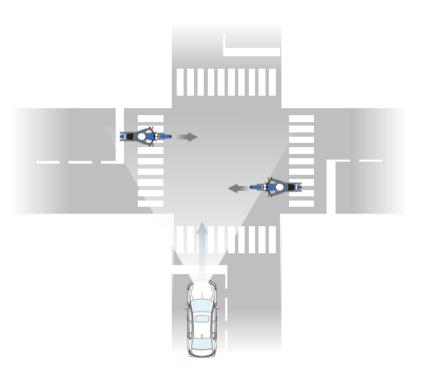




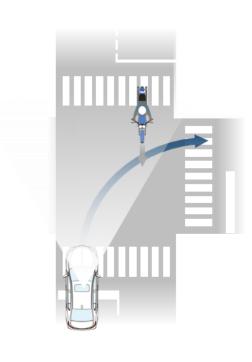
Motorcycle AEB is one of the technologies that car save motorcycle



Rear-end collision



A collision with crossing motorcycle while going straight at an intersection



A collision with oncoming motorcycle while turning into an intersection





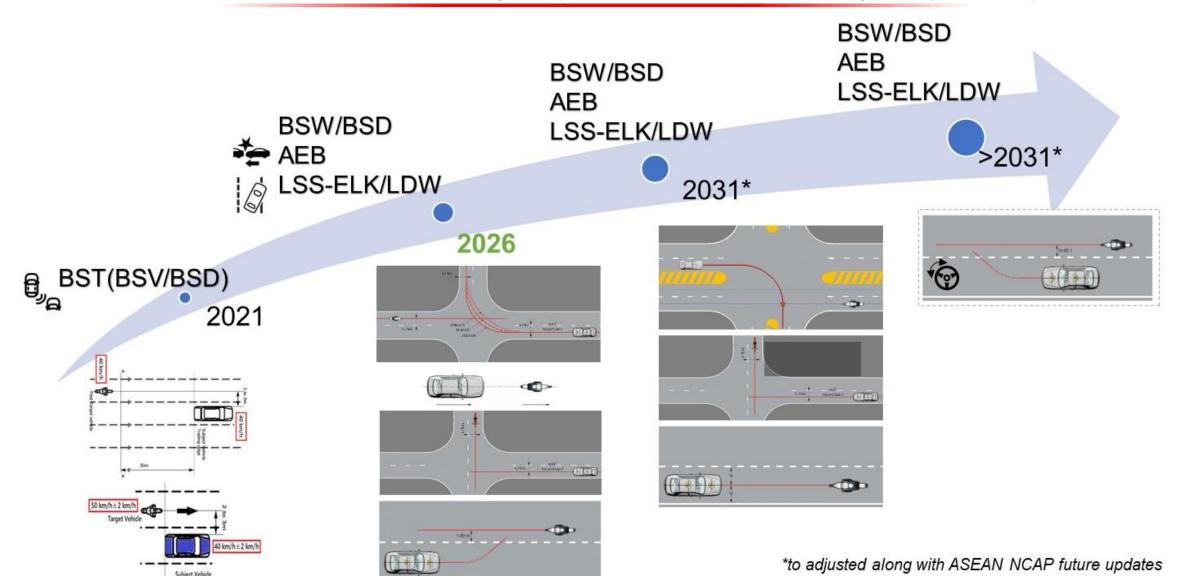
Overall ASEAN market Safety Improvement for Motorcycle (OASIM)







Overall ASEAN market Safety Improvement for Motorcycle (OASIM)





HondaSENSING with Motorcycle Detection Function

Introduce motorcycle-automobile coexistence measures by leveraging unique strengths of Honda

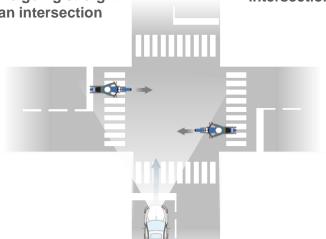
First to obtain 5★ in the latest ASEAN NCAP
With a vehicle equipped with motorcycle detecting function

SENSING

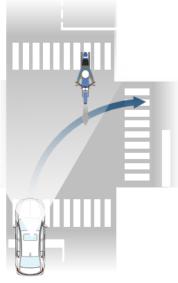


from 2021 CIVIC 2022 BR-V, 2022 HR-V 2022 WR-V... <Honda plans to expand the range of scenarios covered>

A collision with crossing motorcycle while going straight at an intersection



A collision with oncoming motorcycle while turning into an intersection



*When speed of the motorcycle is slower than that of the vehicle.

Safety for Everyone

