Summary of SIP-adus Project (FY2016)	
Name of the project	Development and substantiation of simulation technology for estimation of traffic accident reduction detailed effects. (Strategic Innovation Promotion Program: Automated driving system)
Responsible Organization	Japan Automobile Research Institute
Name Akito Adachi Nobuyu	ki Uchida Sou Kitajima Hiroyuki Ota
Object of the Project	
driving system have been expected	pmobile transportation society in the world, realization of early practical use and promotion of the automate In this project, the simulation technology of the traffic environment reproduction to figure out the quantitativ with such system is developed and contributes to the achievement of the above target.
performed. Capability of the simula	t scenes and advanced driver assistance systems were implemented to the simulation developed last year an ation to estimate the quantitative accident reduction effect was confirmed. The validation of behaving models c nation of the direction of this development for the utilization of private sector were carried out.
	n rgency Brake in the situation of pedestrian crossing and Lane Departure Warning System in the situation of lan formed. Capability of the simulation to estimate the quantitative accident reduction effect was confirmed.
(2) Validation of the accident reduct Based on the five steps necessary participants was confirmed as the f	for the validation defined last year, the validity of the driver and pedestrian among several models of traffi
	tor ical use and promotion of the automated driving system with utilizing the developed simulation by the privat nt and functions of the simulation were clarified by interview investigation of OEM's expectations.

Future plan

- The methodology for developing into the simulation of the traffic environment reproduction by combining traffic accident scenes and its development steps will be clarified and developed.

- Method of selecting model areas (city, rural area, etc.) to be simulated and estimating the nationwide accident reduction effect from the results of each model area will be established.