Summary of SIP-adus Project (FY2017)	
Name of the project	Development of Vehicle-to-Pedestrian Communication Technology
Responsible Organization	Panasonic Corporation
Name Okubo Yoshiyuki	
Object of the project	
or a dedicated pedestrian termin Key technologies include high a	timely under potentially dangerous situations. The system will be implemented based on development nal and a practical V2P communication system, and will be validated with experiments on actual roads accuracy positioning, collision prediction, and pedestrian status determination and information sharing al and the communication system.
Project Summary 1) Technology Development	
· ·	pted for improvement of positioning accuracy in deteriorate satellite positioning environments as high-
performance has been confirm	on of 3D map compensation on a smartphone has been implemented and the improvement of med.
•	module, which contains a danger notification method effective for correct avoidance reactions and a Ide supports in unnecessary situations, is embedded in the safety support application running on minals.
•	ries of places have been expanded and verification experiments have been carried out on actual roads
at Odaiba. The experiment res	sults show that the target alert rate of more than 80% for necessary supports, and the target false alert ecessary supports have both been achieved.

Future Plan

①Development of More Practical Technologies

• Stabilization of high positioning accuracy in urban areas

• More reduction of false alert rate for unnecessary supports under wider areas.

(2)Improvement and System Evaluation for Prototype Terminals

- Improvement of user interface with respect to operability, appearance and safety so that ordinary users without technical knowledge can play the terminals and participate in coming large-scale demonstration experiments.
- Quantitative evaluation of the whole system with effectiveness for accident reduction.