

Summary of SIP–adus project (FY2015)	
Name of the project	Activity Plan of Dynamic Map Study
Responsible Organization	Dynamic Map Study Consortium. Representative of the consortium : Mitsubishi Electric Corporation.
Name Mitsubishi Electric Corporation.	
Object of the Project	
1. Object of Dynamic Map Study Plan Project ①For automated driving, dynamic information is also required in addition to static information. ②According to required update interval, there exist several information layer as shown in the following figure. ③“Dynamic Map ” is so called “One Stop” information source that can provide necessary information for automated driving.	
Project Summary	
<div><div>1. Overview of Dynamic Map Study Plan(1) 2015 Study plan – Dynamic Map Data Structure ①Requirements for Dynamic Map is defined by analyzing provided “Use Case” from SIP. ②Data structure of Dynamic Map is investi–gated based on the defined requirements. ③Followings are also investigated – Interface to acquire dynamic data – Standardization data structure/utilization of Lane ID and etc.</div><div>2. Overview of Dynamic Map Study Plan(2) 2015 Study plan – Dynamic Map Data Updating ①Update procedure of Dynamic Map Data is investigated. ②Following are data sources for update – Existing data(such as traffic data hold by public sector and etc.) – Measured 3D information by MMS(Mobile Mapping System) – Probe information.</div><div>3. Overview of Dynamic Map Study Plan(3) 2015 Study plan – Dynamic Map Prototyping Prototyping of Dynamic Map is planned based on the defined investigation results. ①3D map information around “Odaiba” is used for this purpose. ②To evaluate the behavior of the Dynamic Map, “Dynamic Map Viewer ” is also designed and prepared.</div><div>4. Overview of Dynamic Map Study Plan(4) Candidate areas for Dynamic Map Prototyping are shown in the following. ①Candidate Area 1 ▪Area: Metropolitan Expressway, Bay shore Route from “Ooi” to “Ariake JCT” ▪Evaluation Item: Superposition of construction regulatory information. ②Candidate Area 2 ▪Area : General road near Tokyo Bigsite. ▪Evaluation Item : Superposition of signal information from DSSS.</div></div>	
Future plan	
<div><div>1. Apply to the dynamic map of dynamic data.</div><div>2. Evaluation for Wide area of the dynamic map. (the base map)</div><div>3. Action to international standardization activities.</div></div>	