

GMPS Demonstration

	Timing	Region	Location	Sponsored by	Features
1	17-Nov	Higashiomi Shiga	Michi-no-Eki Okueigenji Keiryu no Sato	Ministry of Land Infrastructure, Transport and Tourism (MLIT)	Drive in mountainous areas where GPS signals do not reach
2	17-Dec	Ginowan and Kitanakagusuku Okinawa		Cabinet Office	"Implemented ""precision docking"" to accurately align with and stop at the bus stop."
3	17-Dec	Taiki Hokkaido	Michi-no-Eki Cosmall taiki	MLIT	Drive in snow where reliability of on-board cameras is not sufficient
4	18-Feb	Ina Nagano	Michi-no-Eki Minami Alps Mura Hase	MLIT	Traveling in tunnels where GPS signals do not reach or narrow dog-legs with a road width of 4.5m
5	18-Apr	Kitakyushu Fukuoka	Kitakyushu Sciece City	Kitakyushu City	Steady running at a maximum speed of 40km/h and control adjustment at the intersection left-turn
6	18-Oct	Hitachi Ibaraki	Hitachi BRT some routes	MLIT and Ministry of Economy, Trade and Industry (METI)	Exclusive bus roads and public roads using abandoned rail lines
7	18-Nov	Ina Nagano	Michi-no-Eki Minami Alps Mura Hase	MLIT	Traveling in tunnels where GPS signals do not reach or narrow dog-legs with a road width of 4.5m
8	19-Jan	Rikuzen Takata Iwate	Ofunato Line BRT Vicinity of Takekoma Station	JR East	Carried out alternate passage with oncoming vehicles on roads exclusively for buses and precision docking control
9	19-Jan	In an airport restricted area	4 airports including Haneda Airport	MLIT	Run below the boarding bridge where GPS does not reach in airport restricted areas
10	19-Feb	Tama Tokyo	Tama New Town	Tokyo Metropolitan Government	Driving on public roads that GPS cannot reach due to pedestrian bridges and street trees
11	19-Jun	Taiki Hokkaido	Michi-no-Eki Cosmall taiki	MLIT	Drive in snow where reliability of on-board cameras is not sufficient
12	19-Nov	Onagawa Miyagi		Miyagi Prefecture	Returning ultra-compact shared electric vehicles to the station by unmanned driving
13	19-Dec	Shibukawa Gunma		Gunma University	"Traveling while performing roadside-to-vehicle communication in which the vehicle receives signal information, etc. from magnetic markers installed on the road surface"
14	20-Feb	Tome Miyagi	Kesenuma Line BRT Yanaizu-Rikuzen Yokoyama	JR East	Large buses run steadily at a maximum speed of 60km/h
15	20-Jun	Kashiwa Chiba	Kashiwa Campus, Tokyo University-Kashiwanoha Campus Station	Kashiwa ITS Promotion Council	Driving on public roads that GPS cannot reach due to street trees
16	20-Jul	Sanda Hyogo		METI	Ensuring Intra-Regional Transportation to Improve the Quality of Life in Suburban Residential Areas.
17	20-Jul	Otsu Shiga		METI	Creation of new transport axes and livelihoods at urban centers.
18	20-Aug	Ota Tokyo	Haneda Airport	Cabinet Office	"Steady driving at a maximum speed of 60km/h while performing precision docking control, lane change, and right/left turn"
19	20-Oct	Tokoname Aichi	Chubu International Airport Island	Aichi Prefecture	Running on railway bridges or terminal buildings where GPS cannot reach
20	20-Nov	Kitakyushu Fukuoka		METI	Travel below elevated roads (about 1.3km) where GPS is difficult to reach between airports and railway stations.
21	20-Dec	Hitachi Ibaraki		METI	Implementation of Automated Drive Buses on BRT Routes.
22	20-Dec	Tokoname Aichi	Chubu International Airport Island	Aichi Prefecture	Drive level 4 through the restricted area
23	21-Feb	Hamamatsu and Morimachi Shizuoka	Hamamatsu SA and Enshu Morimachi PA	METI	Track-following unmanned fleet running on highway SA/PA and ramp-ways
24	21-Feb	Tome Miyagi	Kesenuma Line BRT Yanaizu- Rikuzen Yokoyama	JR East	Large buses run steadily at a maximum speed of 60km/h.
25	21-Feb	Yokohama Kanagawa		METI	Sustainable transport services in suburban residential areas in the Hill area of the Tokyo metropolitan area.
26	21-Sep	Tome Miyagi	Kesenuma Line BRT Yanaizu- Rikuzen Yokoyama	JR East	Passing each large bus on roads exclusively for buses.
27	21-Nov	Tokoname Aichi	Chubu International Airport Island	Aichi Prefecture	Installing magnetic markers every 10m on straight road
28	21-Nov	Takahata Yamagata	Michi-no-Eki Takahata	MLIT	Low speed driving by Green Slow Mobility

Contact

Aichi Steel Corporation <https://www.aichi-steel.co.jp/smart/mi/gmps/index.html>

