



January 22, 2019
Bureau of Science, Technology and Innovation
Cabinet Office

Call for participant for FOTs in the Tokyo Waterfront Area
~ Cross-Ministerial Strategic Innovation Promotion Program ~
Innovation of Automated Driving for Universal Services (SIP-adus)

SIP-adus will conduct Field operational tests (FOTs) on the platform technologies for the driving environment (e.g., providing traffic signal information and merging support information from the traffic infrastructure) on public roads, etc. such as general roads and metropolitan expressways from 2019 autumn. SIP-adus has started to call for participant for the FOTs.

1. Background

In the second phase of SIP-adus, R&D on common issues (cooperative areas) to be addressed through industry-academia-government collaboration has been promoted to implement and deploy automated driving, contribute to solving social issues (e.g., reduce traffic accidents and congestion, provide mobility for vulnerable road users, alleviate the shortage of drivers and reduce the cost of logistics/mobility services), and thereby improve the quality of life for all people.

A driving environment for safer and more comfortable automated driving will be built and FOTs will be conducted to help solve issues related to technologies, systems, and social acceptance, thereby accelerating implementation and deployment.

In order to create an internationally open FOTs, an overview of the FOTs was publicly released in line with the holding the SIP-adus Workshop 2018, an international workshop for automated driving, on November 13, 2018.

SIP-adus released the application guidelines and rules, etc. for participating the FOTs and started to call for participants of FOTs.

Related press release

FOTs in the Tokyo Waterfront Area ~ Cross-Ministerial Strategic Innovation Promotion Program ~ Innovation of Automated Driving for Universal Services (SIP-adus), November 13, 2018

https://www8.cao.go.jp/cstp/english/20181113_sipadus.pdf

2. Overview of call for participant of the FOTs

1) Schedule of the FOTs

It is scheduled to conduct FOTs in the Tokyo Waterfront Area during FY2019-2022, which will be divided into 2 terms as follows.

-First term: FY2019- 2020

-Second term: FY2021-2022

This announcement is to call for participants in the first term. The FOTs are planned to be started after October 2019, as soon as traffic infrastructures are prepared.

2) FOTs overview

Current and subsequent signal information and other traffic information from traffic infrastructure, and high definition 3D maps in the dynamic maps, etc. are provided in the Tokyo Waterfront City area, Haneda Airport area, and Metropolitan Expressway that connects Haneda Airport and the Waterfront City area, etc. Especially, in Haneda Airport area, magnetic makers and provisional bus stops etc. for the next generation public transportation system will be provided. For Metropolitan Expressway Routes, the support information will be provided for merging with the metropolitan expressway main lane, and for passing through ETC gates.

Participants are requested to prepare automated vehicles applicable to the FOTs environment and drivers responsible for driving the vehicles in the FOTs. The participants are also requested to obtain and analyze test data and report the test results to the SIP-adus.

SIP-adus will request the participants to report the results of the FOTs at opportunities for disseminating information by cabinet office and relevant government offices, and at meetings to discuss technical specifications of infrastructure and any technical and implementation issue.

3) Dates for call for participants

I. Registration : January 22, 2019 - February 22, 2019

II. Application document submission deadline: March 15, 2019

If you wish to participate the FOTs, please fill the registration form (<https://app3.infoc.nedo.go.jp/enquete/form.rbz?cd=1425>) with preliminary information (Company name, name of representative,

contact information, etc.) within the registration period mentioned above. It will take us approximately 1 week to send you the instruction to obtain application documents after your registration. We appreciate your cooperation in earlier registration. The final evaluation result for participate the FOTs will be announced in late March.

- 4)NEDO, as the management agency of SIP-adus, is responsible for the call for participants. Details are available on the NEDO's website: https://www.nedo.go.jp/english/ZZCD_100013.html

<Contact information>

Division in charge:
SIP-adus,
Bureau of Science, Technology and Innovation, Cabinet Office

Tel: +81-3-6257-1314 (direct)
Fax: +81-3-3581-9969

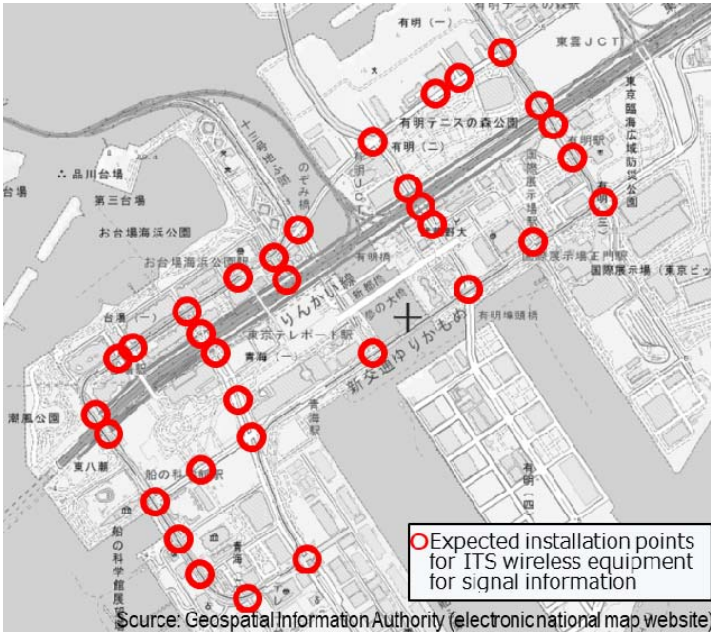
About the call for participants
New Energy and Industrial Technology Development Organization
(NEDO)

Tel:+81-44-520-5247(direct)
Fax:+81-44-520-5243
E-mail: sip-adus-fot@ml.nedo.go.jp

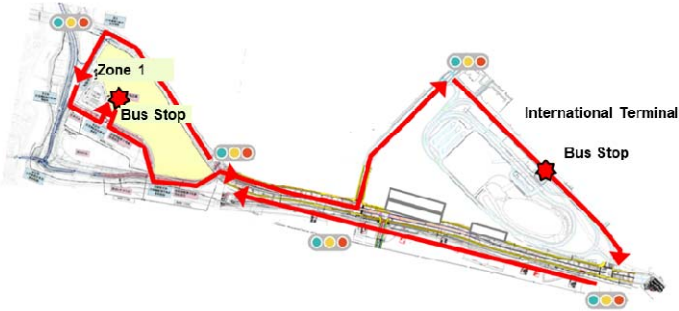
Website for SIP-adus
<http://www.sip-adus.go.jp/>

NEDO
<https://www.nedo.go.jp/>

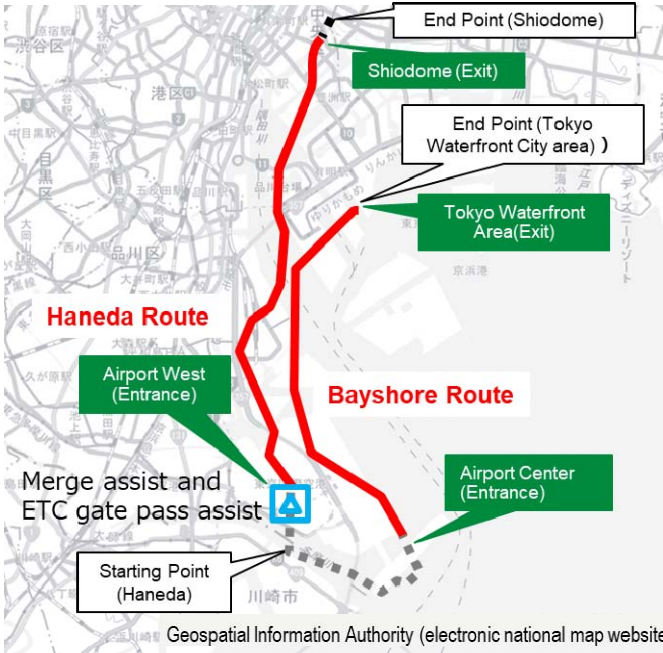
FOTs in the Tokyo Waterfront areas



Tokyo Waterfront City area



Haneda Airport area



Metropolitan expressway that connects Haneda Airport with the Tokyo Waterfront City area, etc..