



November 22, 2021  
Secretariat of Science, Technology and Innovation Policy  
Cabinet Office

**Open call for participants to the operational test of DIVP®, the safety evaluation environment platform in virtual space for automated driving  
– SIP–Automated Driving for Universal Services –**

SIP–adus is working on the creation of DIVP®, Driving Intelligence Validation Platform, which is a safety assurance platform in virtual space developed as a simulation model highly consistent with real phenomena, enabling to implement safety evaluation in various traffic environment, in order to realize safe and smooth automated driving.

We now open a new call for participants, who will experience the DIVP®’s simulation model of Tokyo Waterfront City area, which is in the area of the Field Operational Tests in Tokyo waterfront area, and give feedback related to its usability, what to be improved, and others.

**1. SIP–adus initiatives for today**

The Second Phase of Cross–ministerial Strategic Innovation Promotion Program Automated Driving for Universal Services (hereinafter referred to as “SIP–adus”) aspires to realize a society with higher quality of life for everyone, by making contributions to solving social issues such as reducing traffic accidents and congestions, ensuring mobility for vulnerable road users, and mitigating the driver shortage and reducing the costs of logistics and mobility services. This is the reason why the program promotes researches and developments for common tasks (cooperative areas) that industry, academia and government should jointly work on.

To ensure safety and reliability is the most important task for social implementation and dissemination of automated driving, for which there is an urgent need to establish safety evaluation methods for automated vehicles.

In SIP–adus, development of a simulation model, which is highly consistent with actual phenomenon and which can substitute for an experimental evaluation in the real environment, has been started for safety evaluation. The construction of the safety evaluation environment platform in virtual space, or DIVP®, is being moved forward, where evaluation can be done under various conditions based on this model.

## **2. Test in the virtual Tokyo waterfront area field operational test courses**

SIP-adus has started creating a database, modeling Tokyo waterfront area field operational test courses, mainly of Tokyo waterfront city area.

We are looking for participants who make trial use of the latest version of the Tokyo waterfront city area simulation in DIVP®, and check the performance and the consistency with actual phenomena, then give feedback of it for further improvement and development of the technology.

For more details on requirements for application, participation and others, please refer to the guidelines announced by NEDO managing the project.

## **3. Application Requirements**

(1) The test to be implemented:

From Thursday, January 20, 2022 to Thursday, April 28, 2022

(2) About the operational test

Expecting to apply the simulation in practical use, the test will be carried out with a series of “driving environment–electromagnetic wave propagations–sensors” models of DIVP®, in an environment where requirements from each participant are incorporated. The participants are required to give suggestions linked to performance and reproducibility, as well as feedbacks related to usability, connectivity and other features which will contribute to further improvement and development of the system, through this test experience.

(3) Who can apply

Car makers, Suppliers of parts, systems, or tools, Research group or institute, as well as Certification bodies, which are working on research and development of automated driving technology in Japan or overseas

Note: the number of participants will be 4 or 5 maximum because of resource availability before and during the operational test

(4) Application available:

From Monday November 22, 2021 to Wednesday December 15, 2021

(5) NEDO is responsible for this open call. Please visit the website below for application form and detailed information.

[https://www.nedo.go.jp/english/news/ZZCD\\_100018.html](https://www.nedo.go.jp/english/news/ZZCD_100018.html)

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About Council for Science, Technology and Innovation:  
<https://www8.cao.go.jp/cstp/index.html>

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<https://www.sip-adus.go.jp/>