

Fujikin Incorporated



- ❑ Address: Osaka, Japan
- ❑ Employees: 5,858
- ❑ Established in 1954
- ❑ Business: Development and manufacturing of precision valve systems and medical devices

<https://www.fujikin.co.jp>

Outline of the demonstration project

- The Project of Enhancement of Drones for agricultural use in Vietnam

Cooperation with local companies/governments

- Local Partner: MISMART SMART TECHNOLOGY JSC (MISMART)
- Details of cooperation and collaboration: Fujikin's local subsidiary, Danang Fujikin Co.,Ltd, will work with MISMART to demonstrate and develop an advanced agricultural drone. After the demonstration project, a subsidiary of MISMART will develop services using the drone to improve the efficiency of agricultural work in Vietnam.



Targeted economic/social issues

- In Vietnam, where industrialization is progressing, the agricultural population is decreasing and there is a serious shortage of labor in some farmlands.
- The Vietnamese government is promoting modernization and mechanization of agriculture.

Details of demonstration

- In order to improve the performance of current agricultural drones and upgrade the production process, 3D printers and other equipment will be introduced into the production process. The project will conduct a demonstration to add functions such as autonomously analyzing the optimal route and spraying pesticides only where necessary.

Expected outcome of beneficiary effects

- The productivity of agricultural drones is said to be 50 times higher than that of human labor. The introduction and spread of agricultural drones will contribute to the advancement of agriculture in Vietnam and the elimination of labor shortages.