

E-SUPPORTLINK, Ltd.



- ❑ Address: Toshima-ku Tokyo
- ❑ Employees: 149
- ❑ Established in 1998
- ❑ Business: Application system service provider for agricultural products. Organic agri-vegetables & fruits wholesaler, agricultural production

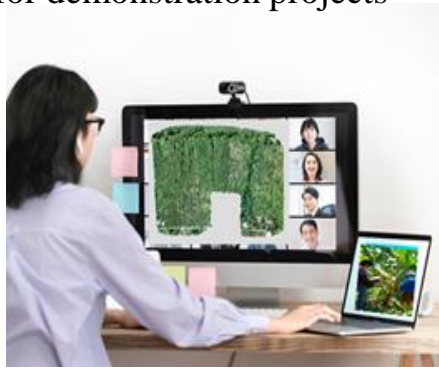
<https://www.e-supportlink.com/>

Outline of the demonstration project

- Farm management service construction project using remote sensing technology for Philippine banana production.

Cooperation with local companies/governments

- Local partner: Agriserna Tech Solutions, Inc.
- Details of cooperation/collaboration: Local drone aerial photography, data transfers, negotiations for demonstration projects



Targeted economic/social issues

- Banana production in the Philippines and other ASEAN countries is an important primary industry.
- Total banana shipments in the Philippines decreased by 6.5% in 2022 compared to 2021 due to the spread of Panama disease (decrease of 15,000 hectares).
- In the Philippines, about 1.4 million people are engaged in banana production and export business, and their livelihoods are being affected by the abandonment of production areas or encouragement to change crops.
- Prices of pesticides/fertilizers have soared by 12%, and profits for banana farmers and producers have deteriorated due to increased costs.

Details of demonstration

- Display diseased strains and growing conditions, through AI analysis and aerial images taken by drones of a vast banana plantation on a digital map.
- Based on the displayed data, demonstrate the improvement in productivity through the efficient application of pesticides /fertilizers.
- Demonstrate the construction of a robust supply chain by providing highly accurate harvest/shipment volume forecasts to export destinations by leveraging AI to grasp the growth situation.

Expected outcome of beneficiary effects

- Improve the export volume by accurately grasping the growth situation of the export banana production area (80,000 ha) and restructuring the production farm.
- Reduce banana production costs by 10%.
- Collaborate with the Philippine Department of Agriculture's project. Identify infection points and establish an efficient spraying.
- Extend the application of this technology in other ASEAN countries.