This challenge contributes to reducing delivery costs, labor shortages, environmental issues

# Agri-Supply chain management using supply and demand information

IOWN Evolution Smart City that Enables Overall Optimization



### Background

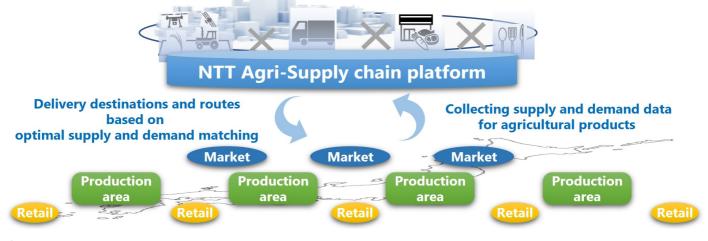
The current agricultural product distribution is characterized by supply and demand imbalances, leading to inefficiencies in transportation through transfers between markets. Additionally, in various stages of the distribution process, information and expertise have not been digitized.

## Summary

Our challenge aims to aggregate data related to nationwide agricultural product distribution, visualize, analyze, and predict it to achieve optimal supply-demand matching and distribution route selection before shipment, thus realizing efficient agricultural product distribution.

# **Virtual Markets Concept**

Analysis and prediction method using AI matching technology



#### **Features**

- Digitalization method for data visualization and matching know-how
- Optimization method about supply and demand matching by accumulating and learning from matching results
- In the future, we will achieve more advanced matching by combining techniques such as demand forecasting methods and distribution route optimization models

# Future benefits

we will realize Agri-Supply chain platform that provides value to all, from producers to consumers, ensuring sustainability and a reliable supply.

# Collaboration partners

SHINMEI Holdings Co., Ltd., TOKYO CITY SEIKA Co., Ltd., Toka Osaka Co., Ltd.

## **Exhibiting Company**

NIPPON TELEGRAPH AND TELEPHONE CORPORATION

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