

Business Plan Summary

# Subsidies for Global South Future-Oriented Co-Creation Project (Ukrainian Reconstruction Support/Strengthening Cooperation with CEE Nations) in the FY2024 Supplementary Budget

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| Project Title  | Republic of Ukraine–Poland / Cold Chain Demonstration Project  |              |               |
| Company Name   | Fujita Corporation   | Company Size | SME / Non-SME |
| Project Type   | Feasibility Study + Demonstration Project / Demonstration Project  |              |               |
| Project Sector | ①Information and Communications / ②Energy / ③Transportation / ④Urban Infrastructure / ⑤Medical Care / ⑥Nursing and Healthcare / ⑦Agriculture and Food / ⑧Waste Management / ⑨Digital Platform / ⑩Other |              |               |
| Project Size   | Total Project Expenses : 6,000Million JPY / Total Expenses Eligible for Subsidization : 6,000 Million JPY / Subsidy Application : 3,000 Million JPY  |              |               |

Project Summary

【Post-Commercialization Business Model】

Legend: Stakeholder

Flow of Services

Flow of Funds

Others

(Technical Collaboration, etc.)

Japan

Overseas

Users

Retailers / Wholesalers

Retailers / Wholesalers (EU, Middle East, Africa, etc.)

Providers / Equipment Suppliers

FUJITA (Lead Entity)

Local SPC

Competitors

Equipment Suppliers, AI/DX Technology Partners

Business Partners

Japanese Government-affiliated Financial Institutions

Marketing / Research Firms

Investment / Financing

Supporting Organizations

Local Government Agencies

Local Affiliates / Wholesalers

Logistics Companies

【Objective】

To assess the business feasibility of storing and conducting primary processing (e.g., of fruits and vegetables) of agricultural and livestock products from Ukraine, with the aim of enhancing their added value and expanding sales and operations to markets in Europe, the Middle East, Africa, and other regions.

【Project implementation contents】

Establishment of cold storage and freezing facilities (including preparatory procedures such as detailed design, outsourcing agreements, and construction permit applications).

Installation and operation of refrigeration/freezing equipment (to ensure quality standards) and introduction of an AI/DX-driven system for traceability verification and optimization of cold-chain trading operations.

Validation of stable cold-chain transportation for goods from Ukraine to destination markets.

【Project implementation methods】

Cold Storage and Freezing Facility Installation: Utilize local design offices and general contractors to carry out detailed design, permit applications, and subsequent facility construction.

Installation and Operation of Refrigeration/Freezing Equipment: Introduce freshness-preserving equipment supplied by specialized manufacturers, verify operational performance and quality retention, and organize key conditions for future commercial deployment.

Utilization of AI and DX: Conduct a Proof of Concept (PoC) for traceability verification and optimization of refrigerated and frozen goods trading and examine data acquisition, visualization, and control mechanisms.

Food Transportation: In collaboration with logistics companies, verify freshness preservation and stable cold-chain transport of goods from Ukraine to final markets (e.g., the EU, Middle East, and Africa).

【Main technologies/services】

Consideration of Precast Concrete (PC) Method Application: A construction method in which concrete components (such as columns and beams) are pre-manufactured in a factory and then assembled and installed on site. This approach can help shorten construction time, improve on-site safety, and ensure stable quality.

Integration of Japanese Refrigeration Equipment and AI/DX Technologies: Incorporating Japanese refrigeration systems to ensure product freshness and quality, while deploying AI/DX-based cloud analytics and algorithmic controls to establish a traceability and trade optimization platform.

【Schedule】

Planned duration: 3 years from grant approval

【PC Method】

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| Contribution to Ukrainian Reconstruction | <div>【Ukraine Agricultural Reconstruction Support】</div> <div><div>In collaboration with Japan and Poland, the project aims to rebuild Ukraine’s agricultural sector by revitalizing an export-oriented supply chain that leverages cold storage, freezing, and food processing functions. This initiative will not only enhance the added value of agricultural products but also strengthen freshness preservation technologies and logistics systems, thereby establishing a sustainable and stable supply base for Ukraine in international markets.</div><div>As Phase 2 following the restoration of peace in Ukraine, the project plans to establish new cold storage and freezing facilities in the vicinity of Odesa, and to develop a cross-border cold-chain service in partnership with Poland. By utilizing the logistics functions of the Port of Odesa, the facility will serve as a regional hub for the collection and primary processing of fruits, vegetables, and livestock products, supporting both the recovery of local agriculture and the expansion of export-oriented foreign currency earnings. In the long term, the project envisions developing the hub into a core node of a wide-area transport network that will facilitate the export of Ukrainian products to third-country markets.</div></div> |
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