

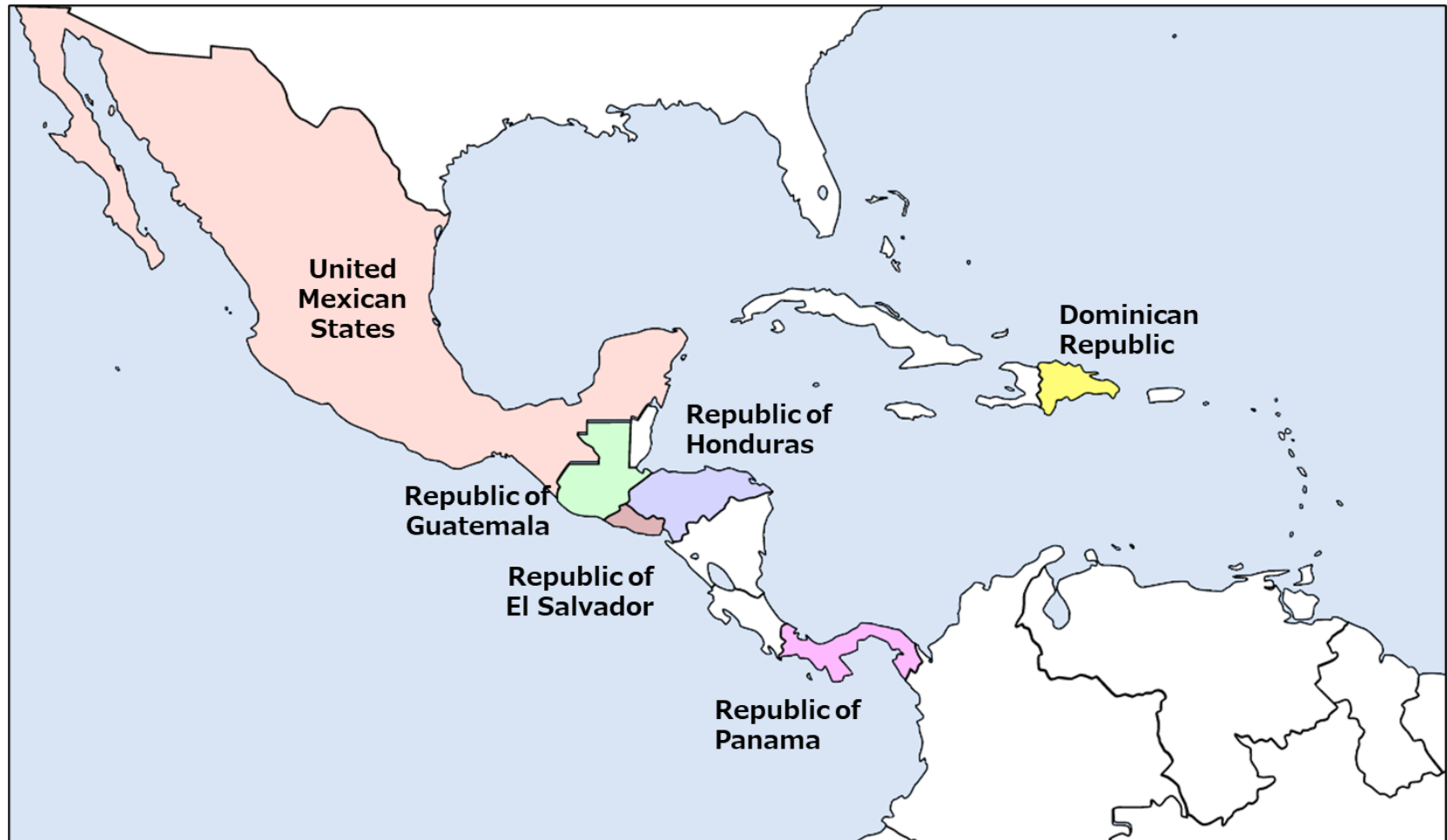


**Data Collection Survey on Food
Value Chain Strengthening and
Agricultural Finance
in Central America and the
Caribbean Region**

SURVEY OUTLINE

JICA Survey Team

■ Target Countries (6 countries)



All of six countries are the target of desk research conducted from Japan and two to three countries are to be selected for the field survey

■ Objective and Outputs


- With the aim of strengthening food value chains (FVCs) in Central America and the Caribbean, the survey is to gather information on the agricultural sector and agricultural finance for **the** formulation of **ODA loan projects**.
- Development Schemes to be considered are:
 - **Two Step Loan (TSL)** for supporting agricultural finance
 - **Project Loan** for development of agricultural infrastructure
 - **Private-Sector Investment Finance (PSIF)**, which may include co-financing with IFC (International Finance Corporation) and IDB-INVEST (Inter-American Development Bank): i.e., **financing to** local financial institutions and investment in investment funds
 - **Technical Cooperation** for technical advancement in agricultural and financial sector

Schedule

- Jun to Sep 2022: Desk Research from Japan <6 countries>
- Sep to Nov 2022: Field Survey in the Selected Countries <2~3 countries>
- Nov to Dec 2022: Making Concept Papers of the Assistance <2~3 countries>
- Jan 2023: Field Survey and Discussion with Counterparts <2~3 countries>
- Feb to Mar 2023: Finalization of Project Proposals and Final Report

| Year | 2022 | | | | | | | 2023 | | | |
|-----------------|--|-----------------------|---|----------------------|---|----|--|------|--|-------------------|--|
| Month | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | |
| Schedule | Desk Research (6 countries) | | Data and Information analysis | | Field Survey (2~3 countries) | | Data and Information Analysis and Discussion | | Field Survey/ Discussion | Reporting | |
| | <ul style="list-style-type: none"> • Agricultural Sector • Agricultural Finance Sector • Development Partners • Cooperation with other JICA projects | | <ul style="list-style-type: none"> • Formulating concept of Assistances • Selection of countries for field survey | | <ul style="list-style-type: none"> • Agricultural Sector • Agricultural Finance Sector • Making development scenario | | <ul style="list-style-type: none"> • Project proposal • Planning for the second survey | | <ul style="list-style-type: none"> • Project proposal | | |
| Report | | ▲ Inception Report | | ▲ Progress Report | | | | | ▲ Draft Final Report | ▲ Final Report | |

 Work in Japan

 Work in the target countries

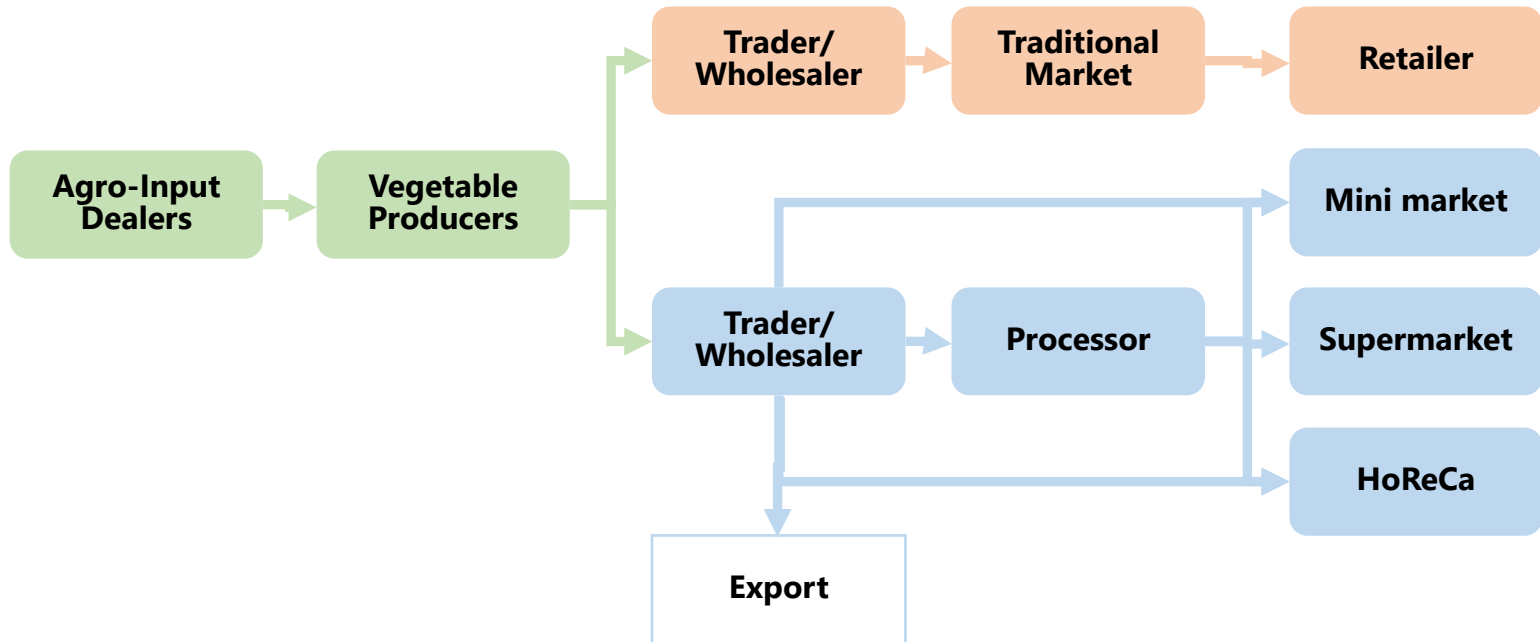


FVC Survey

Survey of FVC status in
6 countries with about 3
commodities in each
country (remote)

Method of FVC survey

<Confirmation of support needs>



Example of FVC flow diagram (vegetable)

Red indicates local markets and blue indicates modern markets.

- Select about 3 commodities in each country and create FVC flow diagrams for each item (similar to the above).
- Questionnaire survey of these parties on the FVC
- 3 players/FVC stages x 5 stages/commodities x 3 commodities/country x 6 countries = approx. 300 samples (More farmers will be surveyed)
- Particular emphasis is on financial needs (issues)

■ Candidate crops for FVC survey (1)

| County | Item | Country | Item |
|------------------|---------------|---------------------------|------------------|
| Mexico | avocado | El Salvador | coffee |
| | Vegetables | | Chicken |
| | dairy product | | vegetables |
| | Tuna | | Plantain |
| Guatemala | coffee | Panama | Dairy |
| | cardamom | | Rice |
| | Broccoli | | Cacao |
| Honduras | lemon | Dominican Republic | Rice |
| | tomato | | Fishery (Resort) |
| | coffee | | |



Survey of Financial Sector

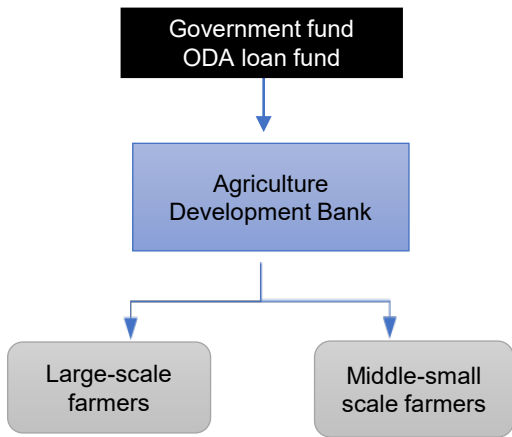
The survey of financial sector in the targeting 6 countries is to be done remotely.

■ Survey Items

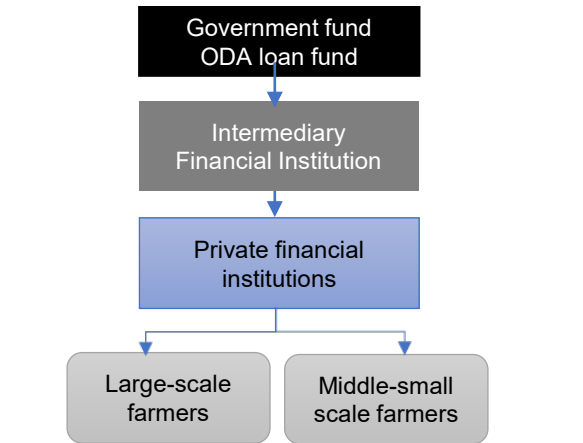
- Identify the needs in agricultural finance
- Examine the feasibility of ODA loan projects

| Category | Target | Survey Item |
|---|--|--|
| General agricultural finance | Central banks, financial supervision agencies, and state-owned financial institutions in agricultural sector, etc. | Financial system Overview of financial sector Policy of agricultural finance Financial Education DX in finance Supports by donors |
| Financial environment, e.g., financing for agribusinesses and farmers | Financial institutions and microfinance institutions that provide loans to businesses and farmers, etc. | Company information Business conditions Loan / funding Agricultural finance DX in finance Supports by donors |
| Financial supports by other donors | Other donors e.g., international development finance institutions, investment institutions for agriculture, etc. | Financial support schemes by other donors in relation to FVC Activities of investment funds |

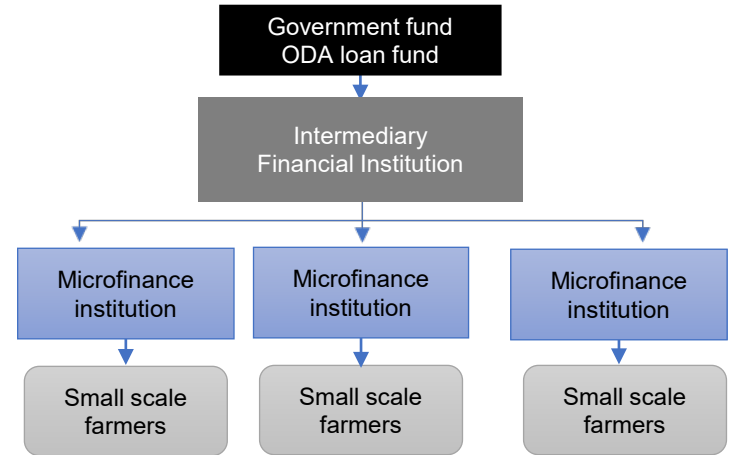
Possible fund flows of agricultural financing



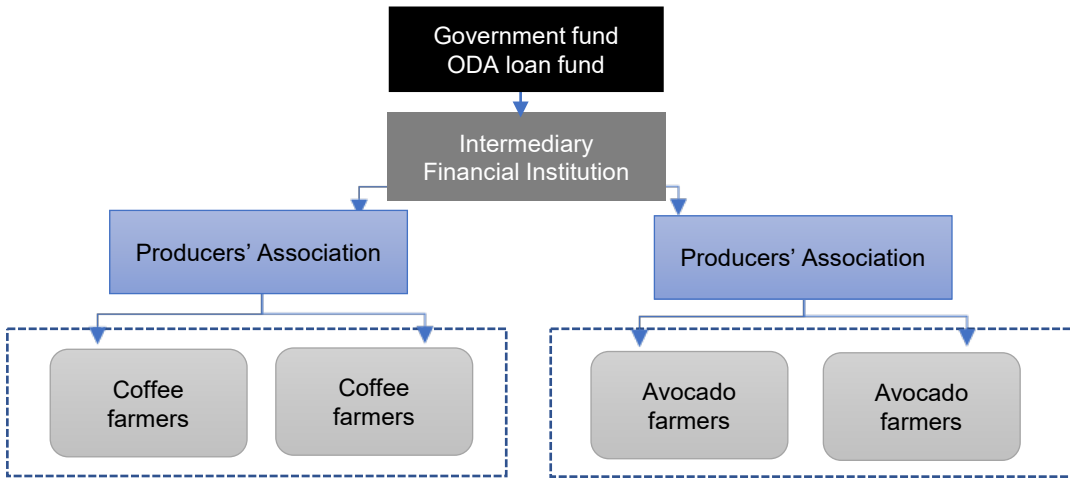
Loans from Agricultural Development Bank agricultural producers



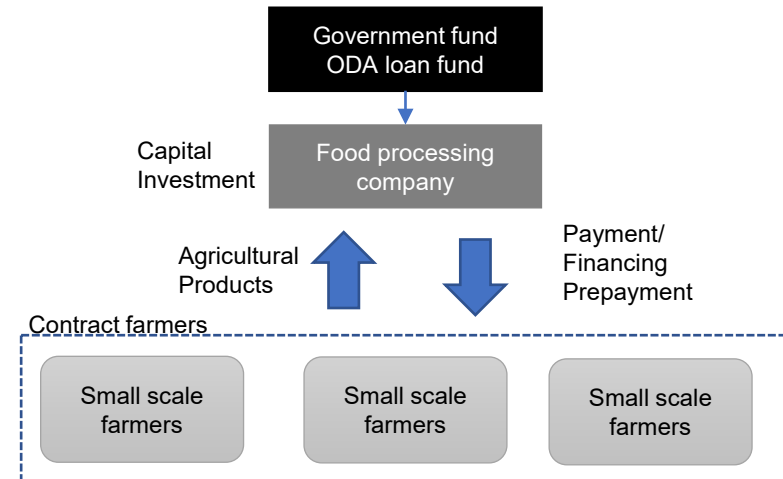
Loans from private financial institutions to agricultural producers



Loans from microfinance institutions to agricultural producers



Loans from producers' association to agricultural producers



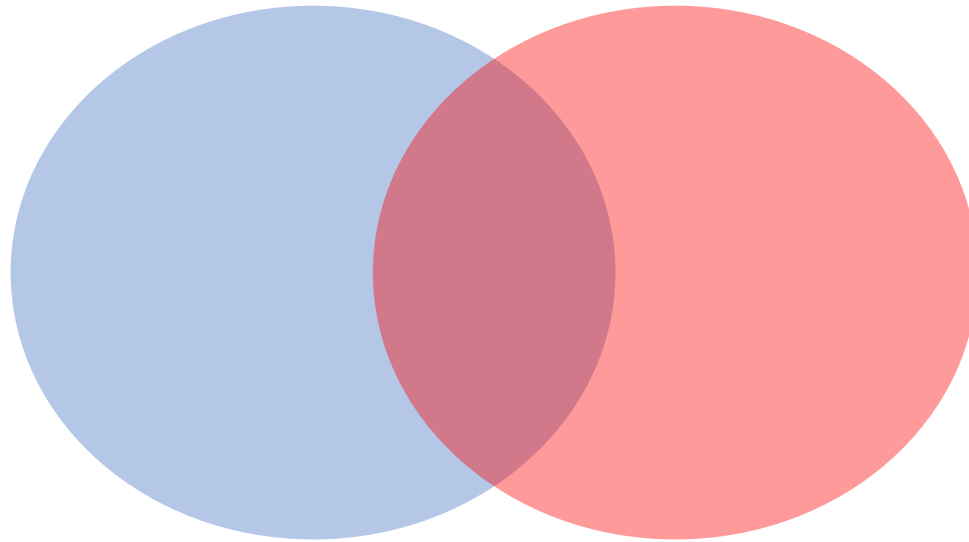
Financial supports to small farmers through financing to food processing companies

■ Schedule

- Interim results of the FVC study (desk research) by progress report in mid-September 2022
- Select 2-3 countries for field survey and start it from mid-September 2022.
- Elaboration of development scenario based on the field survey results.
- Second field survey in January 2023 to gather additional information and have discussions with the local government and relevant financial institutions.
- Draft Final Report in February 2023
- Final report in March 2023



■ Discussion



- Can we find out any potential areas for collaboration, such as co-financing, between IDB and JICA?
- Can we identify the areas to complement to each other?