ECONOMIC SUSTAINABILITY OF MANGO VALUE CHAIN

Key Question / Hypothesis
- Who are main actors in the channels? Is the total added value divided equally?
- Are farming cooperatives a possible solution?
- Does economic unsustainability of mango value chain drive poverty in Cai Be?

Motivation / Background
- Cai Be: connected by a dense river network, close to big cities → increase the production of mangoes.
- Economic viability has been an integral part of sustainable development and poverty alleviation.

Initial Results
- Farming cooperatives: more bargaining power → higher profit;
- Farmers: small profit < > Middle players: high profit;
- Mango price in Cai Be: wildly volatile.

Methodology
- Cost – benefit analysis
- Statistical metrics: CVs
- Survey
- Map the value chain of mangoes.

Relevant Literature
- Sustainable Supply Chain: A Framework for Evaluations - Richard;
- Strathcona County’s Economic viability framework - John Elzinga.

Expected Contribution
- Explore the relationship between unsustainability of mango value chain and poverty in Cai Be;
- Recommend possible measures to improve the value chain of mangoes in Cai Be;
- Create a framework to quantify economic sustainability of a value chain.