

Organisation

Guaranteed Organic Foods (GOF) is a not-for-profit organisation. This is a consortium of organisations that aims to support the traceability of the supply chain of avocados that are imported from Colombia to Canada. This is a private, decentralized blockchain consortium that supports its decisions on the governance described in this document and collaborate on advancing the state of the blockchain.

Corporate Structure

GOF will have a hybrid structure of functional and divisional structures in order to streamline the process as much as possible. Each member will have only one representative no matter how large the organisation is. The vertical divisions are each of the Roles, and the hierarchical structure treats each participant within the same department identically (i.e. Co-op isn't handled differently than Safeway).

Roles

- Producer: Farmer performing the planting, growing and harvesting of avocados
- Packager: Company responsible for combining avocados into boxes
- Exporter: *Instituto Nacional de Vigilancia de Medicamentos y Alimentos* (INVIMA)
- Shipper: Transportation company moving boxes of avocados from Colombia to Canada
- Importer: Canadian government – Canada Border Services Agency (CBSA)
- Distributor: Transportation company moving boxes of avocados from the border to the retailers
- Retailer: e.g. Co-op, Safeway selling avocados to consumers
- Consumer: Citizens buying individual avocados

Policies

- All policies will be decided by a decentralized group of members
- Each node must run Hyperledger Fabric in a Linux VM
- Each participant is responsible for maintaining their own network

Rules

- Sliding scale decides how many votes are needed to change policy, e.g.:
 - 10 or less members: 90%+ consensus
 - 100 to 1,000 members: 70%+ consensus
 - 1,000+ members: >50% consensus
- Similar rules for voting in or voting out organisations
- One node per player
- All the players know each other
- Every player on the network holds a copy of the ledger

Agreements

- Producer Agreement
 - Track temperatures, humidity, and other factors for avocado agriculture
 - Will be audited upon request
- Packager Agreement
 - Track which Producer provided the avocados
 - Weigh the combined avocados into a box
- Exportation Inspection
 - Follow all INVIMA requirements for agricultural exports
- Importation Inspection
 - Follow all CBSA requirements for agricultural imports
 - Adhere to all consumable goods standards and regulations
- Retailer Agreement
 - Products that adhere to health and safety standards related to consumable goods
 - Must remove products that have expired or are otherwise unacceptable for sale

Membership

- Potential members will apply to be a part of our organisations
- Annual membership fee will be collected to pay for GOF expenses
 - Since GOF is not-for-profit, in the event of leftover funds they will be reinvested into the organisation
- Membership approval will be determined based on our sliding scale rule
- Membership removal will also be based on the scales